Andrzej Huczko **O nanotechnologii słów kilka**

1. Pan raczy żartować, Panie Feynman!, Wyd. Znak, Warszawa 2007.

2. Pomeroy A., CONVERGENCE, 4, 2010, 2.

3. Krätschmer W. i in., Chem. Phys. Lett., 170, 1990, 167. https://doi.org/10.1016/0009-2614(90)87109-5

4. Krätschmer W. i in., Nature, 347, 1990, 354. https://doi.org/10.1038/347354a0

5. Drexler K.E., Engines of Creation: The Coming Era of Nano Technology, Anchor Books, New York 1986.

6. Drexler K.E., Nanosystems: Molecular Machinery, Manufacturing, and Computation, John Wiley & Sons, New York 1992.

7. Lahlil S. i in., Appl. Phys. A, 98, 2010, 1. https://doi.org/10.1007/s00339-009-5454-1

8. Kochmann W. i in., J. Alloys. Comp., 372, 2004, L15. https://doi.org/10.1016/S0925-8388(03)01127-7

9. Reibold M. i in., J. Mater. Res., 97, 2006, 1172. https://doi.org/10.3139/146.101355

10. Levin A.A. i in., Cryst. Res. Technol., 40, 2005, 905. https://doi.org/10.1002/crat.200410456

11. Reibold M. i in., Nature, 444, 2006, 286. https://doi.org/10.1038/444286a

12. Nabatame T., NIMS NOW Intern., 8, 2010, 6.

13. Metal Nanoparticles: Synthesis, Characterization and Applications (red. Feldheim D.L., Foss C.A.,Jr.), Marcel Dekker, New York 2002.

14. Murphy C.J. i in., J. Phys. Chem. B, 109, 2005, 13857. https://doi.org/10.1021/jp0516846

15. El-Sayed M.A., Acc. Chem. Res., 34, 2001, 257. https://doi.org/10.1021/ar960016n

16. Chen M.S., Goodman D.W., Science, 306, 2004, 252. https://doi.org/10.1126/science.1102420

17. Huang Y. i in., Science, 291, 2001, 630. https://doi.org/10.1126/science.291.5504.630

18. Law M. i in., Science, 305, 2004, 1269. https://doi.org/10.1126/science.1100999

19. Gao H.J. i in., Proc. Natl. Acad. Sci. U.S.A., 100, 2003, 5597.

20. Katz E., Willner I., Angew. Chem., Int. Ed. Eng., 43, 2004, 6042. https://doi.org/10.1002/anie.200400651

21. Tkachenko A.G. i in., J. Am. Chem. Soc., 125, 2003, 4700. https://doi.org/10.1021/ja0296935

22. Anonim, Nature, 7091, 2006, 265.

23. Novoselov K.S. i in., Science, 306, 2004, 666. https://doi.org/10.1126/science.1102896

24. Radushkevich L.V., Lukyanovich V.M., Zhurn. Fiz. Khimii, 26, 1952, 88.

25. Hofmann U., Koloid Z., 61, 1932, 297. https://doi.org/10.1007/BF01430489

26. Eda G. i in., Nature Nanotechn., 3, 2008, 270. https://doi.org/10.1038/nnano.2008.83

27. Salas E. i in., ACS Nano,. https://doi.org/10.1021/nn101081t

28. Hofmann U., Z. Angew. Chemie, 44, 1931, 841. https://doi.org/10.1002/ange.19310444102

29. Debye P.J.W. , Scherrer P., Phys. Z., 18, 1917, 291.

30. Terrones M., Nature, 458, 2009, 845. https://doi.org/10.1038/458845a

31. Li X. i in., Science, 319, 2008, 1299. https://doi.org/10.1126/science.1150878

32. Kosynkin D.V. i in., Nature, 458, 2009, 872. https://doi.org/10.1038/nature07872

33. Jiao L. i in., Nature, 458, 2009, 877. https://doi.org/10.1038/nature07919

34. Agbenyega J., Materials Today, 12, 2009, 13. https://doi.org/10.1016/S1369-7021(09)70107-5

35. Li M. i in., Chem. Commun., 46, 2010, 3256. https://doi.org/10.1039/b922733d

36. Wei M. i in., Science, 328, 2010, 1373. https://doi.org/10.1126/science.1188119

37. Lin Y.-M. i in., Science, 332, 2011, 1294. https://doi.org/10.1126/science.1204428

38. Hirsch A., XXIVth Int. Winterschool on Electronic Properties of Novel Materials "Molecular Nanostructures" Kirchberg, Austria, 2010, Book of Abstracts, s. 97.

39. Novoselov K., XXIVth Int. Winterschool on Electronic Properties of Novel Materials "Molecular Nanostructures" Kirchberg, Austria, 2010, Book of Abstracts, s. 121.

40. Yumura M., Kagaku Kogaku, 63, 1999, 321.

41. www.sineurop-nanotech.com.

42. Song M. i in., Nano Letters, 10, 2010, 3209. https://doi.org/10.1021/nl1022139

43. www.technologyreview.com/spotlight.

44. www.esf.org.

45. www.etp-nanomedicine.eu.

46. Cywińska M.A. i in., Pol. J. Radiol., 76, 2011, 28.

47. Zhang O. i in., Material Matters, 5, 2010, 32.

48. Venugopal G. i in., Material Matters, 5, 2010, 42.

49. Mao Y. i in., Material Matters, 5, 2010, 50.

50. Balema V., Material Matters, 5, 2010, 30.

51. www.ec.europa.eu/research.

52. http://ec.europa.eu/nanotechnology.

53. www.ICPN-nanonet.org.

54. www.nanoarchive.org.

55. www.nano.org.uk.

56. www.spi.pt.

57. www.eltech.ru.

58. www.jncasr.ac.in.

59. www.csmnt.org.cn.

60. www.merit.unu.edu.

61. www.malsch.demon.nl.

62. Owens B., Materials Today, 13, 2010, 6. https://doi.org/10.1016/S1369-7021(10)70207-8

63. www.cientifica.com.

64. www.nanotet.pl.

65. www.wirtualnakonferencja.pl.

66. www.eitplus.pl.

67. www.nanoprogress.pl.

68. www.cent.edu.pl.

69. www.aspbs.com.

70. www.wiley.com.

71. Regis E., Nanotechnologia. Narodziny nowej nauki, czyli świat cząsteczka po cząsteczce, Prószyński i S-ka, Warszawa 2001.

72. Nanomateriały, Biblioteka Wiadomości Chemicznych, Wrocław 2004.

73. Nanotechnologie (red. Kelsall R.W. i in.), Wyd. Naukowe PWN, Warszawa 2008.

74. Huczko A., Szala M., Dąbrowska A., Synteza spaleniowa materiałów nanostrukturalnych, Wyd. Uniwersytetu Warszawskiego, Warszawa 2011.

75. Nanotechnologie, kosmetyki, chemia supramolekularna (red. Schroeder G.), Wyd. Cursiva, Poznań 2010,

76. Nanomateriały inżynierskie konstrukcyjne i funkcjonalne (red. Kurzydłowski K., Lewandowska M.), Wyd. Naukowe PWN, Warszawa 2010.

77. Śliwa W., Fullereny, Wydawnictwa Wyższej Szkoły Pedagogicznej w Częstochowie, Częstochowa 1995/96.

78. Aldersey-Williams H., Najpiękniejsza molekuła, Amber, Warszawa 1997.

79. Huczko A., Byszewski P., Fulereny i nanorurki węglowe, Biblioteka Wiadomości Chemicznych, Wydawnictwa Uniwersytetu Wrocławskiego, Wrocław 1998.

80. Huczko A., Fulereny, Wyd. Naukowe PWN, Warszawa 2000.

81. Przygocki W., Włochowicz A., Fulereny i nanorurki, WNT, Warszawa 2001.

82. Koper A., Fulereny. Wybrane modele skorelowanych elektronów, Wydawnictwo Naukowe Uniwersytetu im. Adama Mickiewicza, Poznań 2003.

83. Huczko A., Bystrzejewski M., Fulereny. 20 lat później, Wyd. Uniwersytetu Warszawskiego, Warszawa 2007.

84. Huczko A., Nanorurki Węglowe. Czarne diamenty XXI wieku, BEL Studio, Warszawa 2004.

85. The Fullerenes (red. Kroto H.W. i in.), Pergamon Press, Oxford 1993.

86. Kroto H.W., Buckminster Fullerene, the Celestial Sphere that Fell to Earth, University of London, London 1993.

87. Ebbesen T.W., Carbon Nanotubes: Preparation and Properties, CRC Press, New York 1996.

88. Science of Fullerenes and Carbon Nanotubes: Their Properties and Applications (red. Dresselhaus M.S. i in.), Academic Press Inc., London 1996.

89. Carbon Nanotubes (red. Endo M. i in.), Pergamon Press, London 1996.

90. Donnet J.-B., Carbon Fibers, Marcel Dekker Inc., New York 1998.

91. Saito R., Dresselhaus G., Physical Properties of Carbon Nanotubes, Imperial College Press, London 1998. https://doi.org/10.1142/p080

92. Tanaka K. i in., The Science and Technology of Carbon Nanotubes, Elsevier Science, Amsterdam 1999.

93. Venema L.C., Electronic Structure of Carbon Nanotubes, Delft University Press, Delft 2000.

94. Biro L.P. i in., Carbon Filaments and Nanotubes: Common Origins, Differing Applications, Kluwer Academic Publishers, Amsterdam 2001. https://doi.org/10.1007/978-94-010-0777-1

95. Harris P.J.F., Carbon Nanotubes and Related Structures, Cambridge University Press, Cambridge 2001.

96. Nanostructured Carbon for Advanced Applications (red. Benedek G., Milani P.), Kluwer Academic Publishers, Amsterdam 2001.

97. Reich S., Thomsen C., Maultzsch J., Carbon Nanotubes. Basic Concepts and Physical Properties,Wiley-VCH, Bognor Regis 2003. https://doi.org/10.1002/9783527618040

98. Gunnarson O., Alkali-doped Fullerides, World Scientific Publishing Co. Inc., Hackensack 2004. https://doi.org/10.1142/5404

99. Ozin G.A., Arsenault A.C., Nanochemistry. A Chemical Approach to Nanomaterials, RSC Publishing, Cambridge, Wielka Brytania 2006.

100. Pagliaro M., Nano-Age. How Nanotechnology Changes our Future?, Wiley-VCH, Weinheim, Niemcy 2010. https://doi.org/10.1002/9783527630981

101. Avnir D., Behar-Levy H., Chem. Mater., 14, 2002, 1736. https://doi.org/10.1021/cm011558o

102. Krueger A., Carbon Materials and Nanotechnology, Wiley-VCH, Weinheim, Niemcy 2010. https://doi.org/10.1002/9783527629602

1. Kroto H.W. i in., Nature, 318, 1985, 14. https://doi.org/10.1038/318014a0

2. Krätschmer W. i in., Chem. Phys. Lett., 170, 1990, 167. https://doi.org/10.1016/0009-2614(90)87109-5

3. Krätschmer W. i in., Nature, 347, 1990, 354. https://doi.org/10.1038/347354a0

4. Iijima S., Nature, 354, 1991, 56. https://doi.org/10.1038/354056a0

5. Iijima S., J. Cryst. Growth, 50, 1980, 675. https://doi.org/10.1016/0022-0248(80)90013-5

6. Iijima S., J. Phys. Chem., 91, 1987, 3466. https://doi.org/10.1021/j100297a002

7. Morgan P., Carbon Fibers and Their Composites, Taylor & Francis Group, CRC Press, Boca Raton, USA 2005.

8. Hammel E. i in., Carbon, 42, 2004, 1153. https://doi.org/10.1016/j.carbon.2003.12.043

9. Tibbets G.G. i in., Comp. Sci. Techn., 67, 2007, 1709.

10. De Jong K.P., Geus J.W., Catalysis Reviews, 42, 2000, 481. https://doi.org/10.1081/CR-100101954

11. Burchell T.D., Carbon Materials for Advanced Technologies, Pergamon (Elsevier Science Ltd.), Oxford, Wielka Brytania 1999.

12. Tibbetts G.G., J. Cryst. Growth, 73, 1985, 431. https://doi.org/10.1016/0022-0248(85)90005-3

13. Koyama T., Endo M.T., "Method for Manufacturing Carbon Fibers by a Vapor Phase Process", JP 1982-58, 966, 1983.

14. Benissad F. i in., Carbon, 26, 1988, 61. https://doi.org/10.1016/0008-6223(88)90010-3

15. Anonim, NIMS NOW International, 8, 2010, 07.

16. Grochala W., Biuletyn Uniwersytetu Warszawskiego, 4, 2011, 24.

17. Huczko A., Szala M., Dąbrowska A., Synteza spaleniowa materiałów nanostrukturalnych, Wydawnictwa UW, Seria "Świat Nanotechnologii", Warszawa 2011.

18. Huczko A. i in., J. Phys. Chem. B, 107, 2003, 2519. https://doi.org/10.1021/jp022183c

19. Huczko A. i in., Crystal Res. Technol., 40, 2005, 334. https://doi.org/10.1002/crat.200410347

20. Rohlfing E.A. i in., J. Chem. Phys., 81, 1984, 3322. https://doi.org/10.1063/1.447994

21. Hughes T.V., Chambers C.R., US Patent 405 480, 1889.

22. Schützenberger P., Schützenberger L., Comp. Rend. Acad. Sci. Paris, 111, 1890, 774.

23. Pélabon C., Pélabon H., Comp. Rend. Acad. Sci. Paris, 137, 1903, 706.

24. Radushkevich L.V., Lukyanovich V.M., Zh. Fiz. Khimii, 26, 1952, 88.

25. Tesner P.A., Echeistova A.I., Doklady AN USSR, 57, 1952, 1952.

26. Tesner P.A., Echeistova A.I., Chem. Abstr., 47, 1953, 6210.

27. Davis W.R. i in., Nature, 171, 1953, 756. https://doi.org/10.1038/171756a0

28. Hofer L.J.E. i in., J. Phys. Chem., 59, 1955, 1153. https://doi.org/10.1021/j150533a010

29. Pichler T., Merkel H., U.S. Bureau of Mines, Tech. Paper, 1949, 718.

30. Bacon R., Bowman J.C., Bull. Amer. Phys. Soc., 2, 1957, 131.

31. Hillert M., Lange N., Z. Kristallogr., 111, 1958, 24. https://doi.org/10.1524/zkri.1959.111.1-6.24

32. Bacon R., J. Appl. Phys., 31, 1960, 283. https://doi.org/10.1063/1.1735559

33. Boehm H.P., Carbon, 11, 1973, 583. https://doi.org/10.1016/0008-6223(73)90323-0

34. Baker R.T. K. i in., J. Catal., 30, 1973, 86. https://doi.org/10.1016/0021-9517(73)90055-9

35. Baker R.T.K., Carbon, 27, 1989, 315. https://doi.org/10.1016/0008-6223(89)90062-6

36. Abrahamson J., Carbon, 11, 1973, 337. https://doi.org/10.1016/0008-6223(73)90075-4

37. Wiles P.G., Abrahamson J., Carbon, 16, 1978, 341. https://doi.org/10.1016/0008-6223(78)90072-6

38. Abrahamson J. i in., 14th Biennial Conference on Carbon, Pennsylvania, USA, June 25-29, 1979.

39. Oberlin A. i in., J. Cryst. Growth, 32, 1976, 335. https://doi.org/10.1016/0022-0248(76)90115-9

40. Endo M., CHEMTECH, 9, 1988, 568.

41. Tibbets G.G., Appl. Phys. Lett., 42, 1983, 666. https://doi.org/10.1063/1.94066

42. Tibbets G.G., J. Cryst. Growth, 66, 1984, 632. https://doi.org/10.1016/0022-0248(84)90163-5

43. Tennent H.G., US Patent 4 663 230, 1987.

44. Boehm H.P, Carbon, 35, 1997, 581. https://doi.org/10.1016/S0008-6223(97)83730-X

45. Monthioux M., Kuznetsov V.L., Carbon, 44, 2006, 1621. https://doi.org/10.1016/j.carbon.2006.03.019

46. Iijima S., Ichihashi T., Nature, 363, 1993, 603. https://doi.org/10.1038/363603a0

47. Bethune D.S. i in., Nature, 363, 1993, 605. https://doi.org/10.1038/363605a0

48. Reibold M. i in., Nature, 444, 2006, 286. https://doi.org/10.1038/444286a

49. Szabo A. i in., Materials, 3, 2010, 3092. https://doi.org/10.3390/ma3053092

50. Sinnott S.B., Andrews R., Critical Rev. Solid State Mat. Sci., 26, 2001, 145. https://doi.org/10.1080/20014091104189

51. Szabo A. i in., Nanopages, 1, 2006, 263. https://doi.org/10.1556/NANO.1.2006.3.1

52. Bonard J.M. i in., Sol. State Elec., 45, 2001, 893. https://doi.org/10.1016/S0038-1101(00)00213-6

53. Lan Y. i in., Adv. Phys., 60, 2011, 553. https://doi.org/10.1080/00018732.2011.599963

54. Harris P.J.F., Mat. Sci. Eng. R: Reports, 43, 2004, 61.

55. Fonseca A., Nagy J., w Carbon Filaments and Nanotubes: Common Origin, Differing Applications (red. Biro L.P. i in.), Kluwer Academic Publishers, Dordrecht, Holandia 2001, s. 75. https://doi.org/10.1007/978-94-010-0777-1_5

56. Journet J. i in., Nature, 388, 1997, 756. https://doi.org/10.1038/41972

57. Zeng Q. i in., J. Nat. Gas Chem., 15, 2006, 235. https://doi.org/10.1016/S1003-9953(06)60032-7

58. Li H.J. i in., J. Phys. Chem. B, 108, 2004, 4573. https://doi.org/10.1021/jp036563p

59. Shi Z. i in., J. Phys. Chem. Solids, 61, 2000, 1031. https://doi.org/10.1016/S0022-3697(99)00358-3

60. Ishigami M. i in., Chem. Phys. Lett., 319, 2000, 457. https://doi.org/10.1016/S0009-2614(00)00151-2

61. Horvath Z.E. i in., Cur. App. Phys., 6, 2006, 135.

62. Cadek M. i in., Carbon, 40, 2002, 923. https://doi.org/10.1016/S0008-6223(01)00221-4

63. Lee S.J. i in., Diamond Rel. Mat., 11, 2002, 914. https://doi.org/10.1016/S0925-9635(01)00639-2

64. Marchand M. i in., Nano Letters, 9, 2009, 2961. https://doi.org/10.1021/nl901380u

65. Wang Y.-H. i in., Carbon, 42, 2004, 2535. https://doi.org/10.1016/j.carbon.2004.05.028

66. Yao M. i in., Carbon, 43, 2005, 2894. https://doi.org/10.1016/j.carbon.2005.05.019

67. Hutchison J.L. i in., Carbon, 39, 2001, 761. https://doi.org/10.1016/S0008-6223(00)00187-1

68. Saito Y. i in., J. Phys. Chem. B, 107, 2003, 931. https://doi.org/10.1021/jp021367o

69. Huang H. i in., J. Phys. Chem. B, 107, 2003, 8794. https://doi.org/10.1021/jp0349435

70. Qiu H. i in., Carbon, 44, 2006, 516. https://doi.org/10.1016/j.carbon.2005.08.021

71. Okada T. i in., Thin Solid Films, 515, 2007, 4262. https://doi.org/10.1016/j.tsf.2006.02.067

72. Sano N. i in., Carbon, 42, 2004, 686. https://doi.org/10.1016/j.carbon.2003.12.078

73. Antisari M.V. i in., Carbon, 41, 2003, 2393. https://doi.org/10.1016/S0008-6223(03)00297-5

74. Wang S.-D. i in., Carbon, 43, 2005, 1778. https://doi.org/10.1016/j.carbon.2005.01.020

75. Hsin Y.L. i in., Adv. Mater., 13, 2001, 830. https://doi.org/10.1002/1521-4095(200106)13:11<830::AID-ADMA830>3.0.CO;2-4

76. Lange H. i in., Carbon, 41, 2003, 1617. https://doi.org/10.1016/S0008-6223(03)00111-8

77. Zhu H.W. i in., Chem. Phys. Lett., 366, 2002, 664. https://doi.org/10.1016/S0009-2614(02)01648-2

78. Biro L.P. i in., Chem. Phys. Lett., 372, 2003, 399. https://doi.org/10.1016/S0009-2614(03)00417-2

79. Imasaka K. i in., Thin Solid Films, 506-507, 2006, 250. https://doi.org/10.1016/j.tsf.2005.08.024

80. Takikawa H. i in., J. Phys. D: Appl. Phys., 33, 2000, 826. https://doi.org/10.1088/0022-3727/33/7/311

81. Journet C. i in., Nature, 388, 1997, 756. https://doi.org/10.1038/41972

82. Zheng L.X. i in., Nature Mater., 3, 2004, 673. https://doi.org/10.1038/nmat1216

83. Waldorff E.I. i in., J. Appl. Phys., 95, 2004, 2749. https://doi.org/10.1063/1.1642737

84. Farhat S. i in., J. Chem. Phys., 115, 2001, 6752. https://doi.org/10.1063/1.1390526

85. Huczko A., Bystrzejewski M., Fulereny 20 lat później, Wydawnictwa UW, Seria "Świat Nanotechnologii", Warszawa 2007.

86. Saito Y., Inagaki M., Jpn. J. Appl. Phys., 32, 1993, L954. https://doi.org/10.1143/JJAP.32.L954

87. Farhat S, Scott C.D., J. Nanosci. Nanotechnol., 6, 2006, 1189. https://doi.org/10.1166/jnn.2006.331

88. Ahmad B. i in., Mat. Lett., 59, 2005, 1585. https://doi.org/10.1016/j.matlet.2004.12.057

89. Liu Y.N, Song X.L., Patent chiński, No: 01240373.3, 2002.

90. Zhao T., Liu Y., Carbon, 42, 2004, 2735. https://doi.org/10.1016/j.carbon.2004.05.035

91. Wang Y.-H. i in., Carbon, 42, 2004, 2535. https://doi.org/10.1016/j.carbon.2004.05.028

92. Kleshch V.I. i in., Phys. Stat. Sol. B, 245, 2008, 1990.

93. Obraztsova E.D. i in., Nanostruct. Mater., 12, 1999, 567.

94. Sugai T. i in., Jpn. J. Appl. Phys., 38, 1999, L477. https://doi.org/10.1143/JJAP.38.L477

95. Sugai T. i in., J. Chem. Phys., 112, 2000, 6000. https://doi.org/10.1063/1.481172

96. Roch A. i in., Phys. Stat. Sol. B, 244, 2007, 3907. https://doi.org/10.1002/pssb.200776135

97. Guo T. i in., J. Phys. Chem., 99, 1995, 10694. https://doi.org/10.1021/j100027a002

98. Hafner J.H. i in., Chem. Phys. Lett., 296, 1998, 195.

99. Thess A. i in., Science, 273, 1996, 483. https://doi.org/10.1126/science.273.5274.483

100. Rao A.M. i in., Science, 275, 1997, 187. https://doi.org/10.1126/science.275.5297.187

101. Guo T. i in., Chem. Phys. Lett., 243, 1995, 49.

102. Yudasaka M. i in., J. Phys. Chem. B, 103, 1999, 6224. https://doi.org/10.1021/jp9908451

103. Zhang M. i in., Chem. Phys. Lett., 336, 2001, 196.

104. Kataura H. i in., Carbon, 38, 2000, 1691. https://doi.org/10.1016/S0008-6223(00)00090-7

105. Nishide D. i in., Chem. Phys. Lett., 372, 2003, 45. https://doi.org/10.1016/S0009-2614(03)00352-X

106. Yudasaka M. i in., J. Phys. Chem. B, 102, 1998, 4892. https://doi.org/10.1021/jp973446j

107. Gorbunov A.A. i in., Appl. Phys. A (Suppl.), 69, 1999, S593. https://doi.org/10.1007/s003390051483

108. Braidy N. i in., Carbon, 40, 2002, 2835. https://doi.org/10.1016/S0008-6223(02)00260-9

109. Kokai F. i in., J. Phys. Chem. B, 103, 1999, 4346. https://doi.org/10.1021/jp990065s

110. Bandow S. i in., Phys. Rev. Lett., 80, 1998, 3779. https://doi.org/10.1103/PhysRevLett.80.3779

111. Dillon A.C. i in., Chem. Phys. Lett., 316, 2000, 13. https://doi.org/10.1021/tx000498i

112. Yudasaka M. i in., Chem. Phys. Lett., 299, 1999, 91. https://doi.org/10.1016/S0009-2614(98)01219-6

113. Zhang H. i in., Physica B, 325, 2003, 224. https://doi.org/10.1016/S0921-4526(02)01528-4

114. Maser W.K. i in., Chem. Phys. Lett., 292, 1998, 587.

115. Maser W.K. i in., Nanotechnology, 12, 2001, 147. https://doi.org/10.1088/0957-4484/12/2/315

116. Maser W.K. i in., Opt. Mater., 17, 2001, 331. https://doi.org/10.1016/S0925-3467(01)00055-6

117. Bolshakov A.P. i in., Diamond Relat. Mat., 11, 2002, 927. https://doi.org/10.1016/S0925-9635(01)00641-0

118. Radhakrishnan G. i in., Thin Solid Films, 515, 2006, 1142. https://doi.org/10.1016/j.tsf.2006.07.120

119. Munoz E. i in., Carbon, 38, 2000, 1445. https://doi.org/10.1016/S0008-6223(99)00277-8

120. Azami T. i in., Carbon, 45, 2007, 1364. https://doi.org/10.1016/j.carbon.2007.02.031

121. Eklund P.C. i in., Nano Letters, 2, 2002, 561. https://doi.org/10.1021/nl025515y

122. Kusaba M. i in., Thin Solid Films, 506-507, 2006, 255. https://doi.org/10.1016/j.tsf.2005.08.037

123. Braidy N. i in., Chem. Phys. Lett., 354, 2002, 88. https://doi.org/10.1016/S0009-2614(02)00110-0

124. Yudasaka M. i in., J. Phys. Chem B, 103, 1999, 3576. https://doi.org/10.1021/jp990072g

125. Lebedkin S. i in., Carbon, 40, 2002, 417. https://doi.org/10.1016/S0008-6223(01)00119-1

126. Stürzl N. i in., Phys. Stat. Sol. B, 246, 2009, 2465.

127. Puretzky A.A. i in., Appl. Phys. A, 81, 2005, 223. https://doi.org/10.1007/s00339-005-3256-7

128. Geohegan D.B. i in., Appl. Phys. Lett., 83, 2003, 1851. https://doi.org/10.1063/1.1605793

129. Puretzky A.A. i in., Phys. Rev. B, 65, 2002, 245425.

130. Puretzky A.A. i in., Appl. Phys. A, 70, 2000, 153. https://doi.org/10.1007/s003390050027

131. Puretzky A.A. i in., Appl. Phys. Lett., 76, 2000, 182. https://doi.org/10.1063/1.125696

132. Ivanov I.N. i in., Appl. Phys. Lett., 89, 2006, 223110. https://doi.org/10.1063/1.2397008

133. Geohegan D.B. i in., Phys. Stat. Sol. B, 244, 2007, 3944. https://doi.org/10.1002/pssb.200776204

134. Haluška M. i in., Phys. Stat. Sol. B, 245, 2008, 1927. https://doi.org/10.1002/pssb.200840507

135. Shiozawa H. i in., Phys. Stat. Sol. B, 245, 2008, 1983.

136. Lin H. i in., Phys. Stat. Sol. B, 245, 2008, 1986.

137. Rümmeli M.H. i in., Nano Letters, 5, 2005, 1209. https://doi.org/10.1021/nl050692v

138. Rümmeli M.H. i in., Phys. Stat. Sol. B, 243, 2006, 3101. https://doi.org/10.1002/pssb.200669111

139. Jost O. i in., J. Nanosci. Nanotechnol., 4, 2004, 433. https://doi.org/10.1166/jnn.2004.071

140. Bolshakov A.P.i in., Diamond Relat. Mater., 11, 2002, 927. https://doi.org/10.1016/S0925-9635(01)00641-0

141. Kosakovskaya Z.Y., JETP Lett., 56, 1992, 26.

142. Ge M., Sattler K., Science, 260, 1993, 515. https://doi.org/10.1126/science.260.5107.515

143. Huczko A. i in., High Temp. Mater. Process., 6, 2002, 617. https://doi.org/10.1615/HighTempMatProc.v6.i3.100

144. Hahn i in., Carbon, 40, 2002, 617. https://doi.org/10.1016/S0008-6223(01)00274-3

145. Tian Y.J i in., Catal. Today, 89, 2004, 233. https://doi.org/10.1016/j.cattod.2003.11.032

146. Choi S.I. i in., Thin Solid Films, 506-507, 2006, 244. https://doi.org/10.1016/j.tsf.2005.08.103

147. Chen C.K. i in., Carbon, 41, 2003, 2555. https://doi.org/10.1016/S0008-6223(03)00361-0

148. Smiljanic O. i in., Chem. Phys. Lett., 356, 2002, 189. https://doi.org/10.1016/S0009-2614(02)00132-X

149. Cota-Sanchez G. i in., Proc. 15th Int. Symp. on Plasma Chemistry, t. II, 2001, s. 515.

150. Cota-Sanchez G. i in., Carbon, 43, 2005, 3153. https://doi.org/10.1016/j.carbon.2005.06.018

151. Harbec D. i in., J. Phys. D: Appl. Phys., 37, 2004, 2121. https://doi.org/10.1088/0022-3727/37/15/011

152. Kim K.S. i in., J. Phys. D: Appl. Phys., 40, 2007, 2375. https://doi.org/10.1088/0022-3727/40/8/S17

153. Watanabe T. i in., Thin Solid Films, 506-507, 2006, 263. https://doi.org/10.1016/j.tsf.2005.08.289

154. Laplaze D. i in., Carbon, 36, 1998, 685. https://doi.org/10.1016/S0008-6223(98)00025-6

155. Luxemburg D. i in., Carbon, 43, 2005, 2302. https://doi.org/10.1016/j.carbon.2005.04.010

156. Joseyacaman M.J. i in., Appl. Phys. Lett., 62, 1993, 202. https://doi.org/10.1063/1.109315

157. Sinnott S.B., Andrews R., Critical Rev. Solid State Mat. Sci., 26, 2001, 145. https://doi.org/10.1080/20014091104189

158. Li W.Z. i in., Science, 274, 1996, 1701. https://doi.org/10.1126/science.274.5293.1701

159. Carbon Nanotubes: Science and Applications (red. Meyyappan M.), CRC Press, Boca Raton, Floryda, USA 2005.

160. Li Y. i in., Nano Letters, 4, 2004, 317. https://doi.org/10.1021/nl035097c

161. Bae E.J. i in., Chem. Mater., 17, 2005, 5141. https://doi.org/10.1021/cm050889o

162. Min Y.S. i in., Chem. Mater., 20, 2008, 1271. https://doi.org/10.1002/adma.200800791

163. Min Y.S. i in., J. Am. Chem. Soc., 127, 2005, 12498. https://doi.org/10.1021/ja054108w

164. Tohji K. i in., Nature, 383, 1996, 679. https://doi.org/10.1038/383679a0

165. Moreno J.M.C., Yoshimura M., J. Am. Chem. Soc., 123, 2001, 741. https://doi.org/10.1021/ja003008h

166. Kang Z. i in., J. Am. Chem. Soc., 125, 2003, 13652. https://doi.org/10.1021/ja037399m

167. Flahaut E. i in., Chem. Phys. Lett., 300, 1999, 236. https://doi.org/10.1016/S0009-2614(98)01304-9

168. Cocteau E. i in., Chem. Phys. Lett., 378, 2003, 9.

169. Ren Z.F. i in., Science, 282, 1998, 1105. https://doi.org/10.1126/science.282.5391.1105

170. Fan S.S. i in., Science, 283, 1999, 512. https://doi.org/10.1126/science.283.5401.512

171. Ren Z.F. i in., Appl. Phys. Lett., 75, 1999, 1086. https://doi.org/10.1063/1.124605

172. Bonard J.M. i in., Sol. State Elec., 45, 2001, 893. https://doi.org/10.1016/S0038-1101(00)00213-6

173. Boskovic B.O. i in., Nature Mater., 1, 2002, 165. https://doi.org/10.1038/nmat755

174. Bower C. i in., Appl. Phys. Lett., 77, 2000, 830. https://doi.org/10.1063/1.1306658

175. Li J. i in., Appl. Phys. Lett., 81, 2002, 910. https://doi.org/10.1063/1.1496494

176. Merkulov V.I. i in., Appl. Phys. Lett., 81, 2002, 3555. https://doi.org/10.1063/1.1520329

177. Bell M.S. i in., J. Phys. D: Appl. Phys., 40, 2007, 2285. https://doi.org/10.1088/0022-3727/40/8/S07

178. Esconjauregui S. i in., Appl. Phys. Lett., 95, 2009, 173115. https://doi.org/10.1063/1.3256012

179. Schäffel F. i in., Phys. Stat. Sol. B, 245, 2008, 1919.

180. Valles C. i in., Carbon, 47, 2009, 998. https://doi.org/10.1016/j.carbon.2008.11.047

181. Perz-Mendoza M. i in., Carbon, 43, 2005, 3034. https://doi.org/10.1016/j.carbon.2005.05.048

182. Ansaldo A. i in., Phys. Stat. Sol. B, 245, 2008, 1923.

183. Ansaldo A. i in., Phys. Stat. Sol. B, 244, 2007, 3935. https://doi.org/10.1002/pssb.200776190

184. Berenguer A. i in., Phys. Stat. Sol. B, 246, 2009, 2436.

185. Borowiak-Palen E. i in., Phys. Stat. Sol. B, 246, 2009, 2448. https://doi.org/10.1002/pssb.200982263

186. Bachmatiuk A. i in., Phys. Stat. Sol. B, 246, 2009, 2486.

187. Goss K. i in., Phys. Stat. Sol. B, 246, 2009, 2494.

188. Roch A. i in., Phys. Stat. Sol. B, 246, 2009, 2511.

189. Rümmeli M.H. i in., Phys. Stat. Sol. B, 246, 2009, 2530.

190. Su D.S., Chen X.W., Angew. Chem. Int. Ed., 46, 2007, 1823. https://doi.org/10.1002/anie.200604207

191. Su D.S. i in., Phys. Stat. Sol. B, 244, 2007, 3916. https://doi.org/10.1002/pssb.200776140

192. Kawasaki S. i in., Carbon, 44, 2006, 2139. https://doi.org/10.1016/j.carbon.2006.03.015

193. Fejes D. i in., Phys. Stat. Sol. B, 247, 2010, 2713. https://doi.org/10.1002/pssb.201000235

194. Fouquet M i in., Phys. Stat. Sol. B, 247, 2010, 2660. https://doi.org/10.1002/pssb.201000120

195. Ibrahim I. i in., Phys. Stat. Sol. B, 248, 2011, 2467.

196. Nemeth K. i in., Phys. Stat. Sol. B, 248, 2011, 2471.

197. Lamura G. i in., J. Phys. Chem. C, 111, 2007, 15154. https://doi.org/10.1021/jp073940f

198. Halonen N. i in., Phys. Stat. Sol. B, 248, 2011, 2500.

199. Balogh Z. i in., Appl. Cat. A: General, 344, 2008, 191. https://doi.org/10.1016/j.apcata.2008.04.019

200. Rümmeli M.H. i in., Phys. Stat. Sol. B, 244, 2007, 3911. https://doi.org/10.1002/pssb.200776136

201. Esconjauregui S. i in., Phys. Stat. Sol. B, 248, 2011, 2528. https://doi.org/10.1002/pssb.201100238

202. Jayatissa A.H., Guo K., Vacuum, 83, 2009, 852. https://doi.org/10.1016/j.vacuum.2008.08.009

203. Horvath Z.E. i in., Cur. Appl. Phys., 6, 2006, 135.

204. Singh Ch. i in., Physica B, 323, 2002, 339. https://doi.org/10.1016/S0921-4526(02)01045-1

205. Usoltseva A. i in., Phys. Stat. Sol. B, 244, 2007, 3920. https://doi.org/10.1002/pssb.200776143

206. Hernadi K. i in., Mat. Chem. Phys., 77, 2002, 536.

207. Konya Z. i in., Phys. Chem. Chem. Phys., 3, 2001, 155. https://doi.org/10.1039/b007279f

208. Hernadi K. i in., Cat. Lett., 48, 1997, 229. https://doi.org/10.1023/A:1019035306217

209. Nagaraju N. i in., J. Mol. Cat. A, 181, 2002, 57. https://doi.org/10.1016/S1381-1169(01)00375-2

210. Jiang K. i in., Nature, 419, 2002, 801, https://doi.org/10.1038/419801a

211. de los Arcos T. i in., Carbon, 40, 2002, 187.

212. Bachmatiuk A. i in., Phys. Stat. Sol. B, 244, 2007, 3925. https://doi.org/10.1002/pssb.200776147

213. Ago H. i in., Carbon, 44, 2006, 2912. https://doi.org/10.1016/j.carbon.2006.05.049

214. Qingwen L. i in., J. Mat. Chem., 12, 2002, 1179. https://doi.org/10.1039/b109763f

215. Liu B.C. i in., Chem. Phys. Lett., 383, 2004, 104.

216. Ago H. i in., J. Phys. Chem. B, 109, 2005, 10035. https://doi.org/10.1021/jp050307q

217. Mionić M. i in., Phys. Stat. Sol. B, 245, 2008, 1915.

218. Mamalis A.G. i in., Preis. Eng., 28, 2004, 16. https://doi.org/10.1016/j.precisioneng.2002.11.002

219. Bachmatiuk A. i in., Phys. Stat. Sol. B, 245, 2008, 1931.

220. Ayala P. i in., Phys. Stat. Sol. B, 245, 2008, 1935.

221. Daothong S. i in., Phys. Stat. Sol. B, 246, 2009, 2518.

222. Nitze F. i in., Phys. Stat. Sol. B, 246, 2009, 2440. https://doi.org/10.1002/pssb.200982260

223. Susi T. i in., Phys. Stat. Sol. B, 246, 2009, 2507.

224. Susi T. i in., Phys. Stat. Sol. B, 247, 2010, 2726. https://doi.org/10.1002/pssb.201000312

225. Lee D.H. i in., Nano Letters, 9, 2009, 1427. https://doi.org/10.1021/nl803262s

226. Smajda R. i in., Phys. Stat. Sol. B, 246, 2009, 2457.

227. Ansaldo A. i in., Phys. Stat. Sol. B, 246, 2009, 2473.

228. Dai H.J. i in., Chem. Phys. Lett., 260, 1996, 471.

229. Hernadi K. i in., Apl. Cat. A: General, 199, 2000, 245. https://doi.org/10.1016/S0926-860X(99)00561-X

230. Nikolaev P. i in., Chem. Phys. Lett., 313, 1999, 91.

231. Maruyama S. i in., Chem. Phys. Lett., 360, 2002, 229. https://doi.org/10.1016/S0009-2614(02)00838-2

232. Oncel C., Burum Y., Fuller. Nanotub. Carbon Nanostr., 14, 2006, 17. https://doi.org/10.1080/15363830500538441

233. Dupouis A.-C., Progr. Mater. Sci., 50, 2005, 929. https://doi.org/10.1360/982005-109

234. Seo J.W. i in., J. Phys. D: Appl. Phys., 40, 2007, R109. https://doi.org/10.1088/0022-3727/40/6/R01

235. Chen X. i in., Thin Solid Films, 516, 2008, 714. https://doi.org/10.1016/j.tsf.2007.06.051

236. Yang S. i in., Trans. Mater. Res. Soc. Jpn., 29, 2004, 485.

237. Chen X. i in., Carbon, 37, 1999, 1817. https://doi.org/10.1016/S0008-6223(99)00054-8

238. Mukhopadhyay K. i in., Carbon, 42, 2004, 3254. https://doi.org/10.1016/j.carbon.2004.07.017

239. Su C.-J. i in., Phys. Chem. Commun., 5, 2002, 34.

240. Amelinckx S. i in., Science, 265, 1994, 635. https://doi.org/10.1126/science.265.5172.635

241. Dunlap B.I. i in., Phys. Rev. B, 46, 1992, 1933. https://doi.org/10.1103/PhysRevB.46.1933

242. Itoh S., Ihara S., Phys. Rev. B, 48, 1993, 8323. https://doi.org/10.1103/PhysRevB.48.8323

243. Biro L.P. i in., Phys. Rev. B, 66, 2002, 1654051. https://doi.org/10.1103/PhysRevB.66.165405

244. Lambin Ph., Biro L.P., New J. Phys., 5, 2003, 14111. https://doi.org/10.1088/1367-2630/5/1/141

245. Fonseca A. i in., Synth. Met., 77, 1996, 235. https://doi.org/10.1016/S0379-0738(96)90010-9

246. Ihara S., Itoh S., Carbon, 33, 1995, 931. https://doi.org/10.1016/0008-6223(95)00022-6

247. Zhang C. i in., Phys. Stat. Sol. B, 245, 2008, 2308. https://doi.org/10.1002/pssb.200840507

248. Yan F. i in., Phys. Stat. Sol. B, 247, 2010, 2669. https://doi.org/10.1002/pssb.201000134

249. Zavodchikova M.Y. i in., Phys. Stat. Sol. B, 245, 2008, 2272.

250. Fujii S. i in., Phys. Stat. Sol. B, 247, 2010, 2750. https://doi.org/10.1002/pssb.201000427

251. Lan Y. i in., Adv. Phys., 60, 2011, 553. https://doi.org/10.1080/00018732.2011.599963

252. Jiran E., Thompson C., J. Elektron. Mater., 19, 1990, 1153. https://doi.org/10.1007/BF02673327

253. Jiran E., Thompson C., Thin Solid Films, 208, 1992, 23. https://doi.org/10.1016/0040-6090(92)90941-4

254. Kong J. i in., Nature, 395, 1998, 878. https://doi.org/10.1038/27632

255. Xiong G.-Y. i in., Carbon, 44, 2006, 969. https://doi.org/10.1016/j.carbon.2005.10.015

256. Cao A. i in., Nat. Mater., 4, 2005, 540. https://doi.org/10.1038/nmat1415

257. Chakrabarti S. i in., Jpn. J. Appl. Phys., 45, 2006, L720. https://doi.org/10.1143/JJAP.45.L720

258. Zhu L. i in., J. Phys. Chem. B, 110, 2006, 5445. https://doi.org/10.1021/jp060027q

259. Zhang Y. i in., Appl. Phys. Lett., 79, 2001, 3155. https://doi.org/10.1063/1.1415412

260. Benedict L.X. i in., Phys. Rev. B, 52, 1995, 8541. https://doi.org/10.1103/PhysRevB.52.8541

261. Ural A. i in., Appl. Phys. Lett., 81, 2002, 3464. https://doi.org/10.1063/1.1518773

262. Radu I. i in., Nanotechnology, 15, 2004, 473. https://doi.org/10.1088/0957-4484/15/5/011

263. Wen J.G. i in., J. Mater. Res., 16, 2001, 3246. https://doi.org/10.1557/JMR.2001.0447

264. Nojeh A. i in., J. Vac. Sci. Technol., B, 22, 2004, 3421. https://doi.org/10.1116/1.1821578

265. Gao Y. i in., Appl. Phys. Lett., 95, 2009, 143117. https://doi.org/10.1063/1.3246144

266. Tu Y. i in., Nano Letters, 3, 2003, 107. https://doi.org/10.1021/nl025879q

267. Wang Y. i in., Appl. Phys. Lett., 85, 2004, 4741. https://doi.org/10.1063/1.1819992

268. Teo K.B.K. i in., Nano Letters, 4, 2004, 921. https://doi.org/10.1021/nl049629g

269. Cheung C.L. i in., J. Phys. Chem. B, 106, 2002, 2429. https://doi.org/10.1021/jp0142278

270. Choi H.C. i in., Nano Letters, 3, 2003, 157. https://doi.org/10.1021/nl025876d

271. Li Y. i in., J. Phys. Chem. B, 105, 2001, 11424. https://doi.org/10.1021/jp012085b

272. Hinderling C. i in., Adv. Mater., 16, 2004, 876. https://doi.org/10.1002/adma.200306447

273. Tu Y. i in., Appl. Phys. Lett., 80, 2002, 4018. https://doi.org/10.1063/1.1482790

274. Zach M.P., Penner R.M., Adv. Mater., 12, 2000, 878. https://doi.org/10.1002/1521-4095(200006)12:12<878::AID-ADMA878>3.0.CO;2-X

275. Liu H., Penner R.M., J. Phys. Chem. B, 104, 2000, 9131. https://doi.org/10.1021/jp0017902

276. Zoval J.V. i in., J. Phys. Chem. B, 102, 1998, 1166. https://doi.org/10.1021/jp9731967

277. Huang Z.P. i in., Appl. Phys. Lett., 73, 1998, 3845. https://doi.org/10.1063/1.122912

278. Rybczyński J. i in., Appl. Phys. Lett., 88, 2006, 201122.

279. Rybczyński J. i in., Colloids Surf. A, 219, 2003, 1. https://doi.org/10.1016/S0927-7757(03)00011-6

280. Rybczyński J. i in., Nano Letters, 4, 2004, 2037. https://doi.org/10.1021/nl048763y

281. Kosiorek A. i in., Nano Letters, 4, 2004, 1359. https://doi.org/10.1021/nl049361t

282. Wang X. i in., Nano Letters, 4, 2004, 423. https://doi.org/10.1021/nl035102c

283. Huang S. i in., J. Am. Chem. Soc., 125, 2003, 5636. https://doi.org/10.1021/ja034475c

284. Huang S. i in., Phys. Chem. Chem. Phys., 6, 2004, 1077. https://doi.org/10.1039/b315892f

285. Jin Z. i in., Nano Letters, 7, 2007, 2073. https://doi.org/10.1021/nl070980m

286. Li Y. i in., Nano Letters, 4, 2004, 317. https://doi.org/10.1021/nl035097c

287. Yu Z. i in., Chem. Mater., 16, 2004, 3414. https://doi.org/10.1021/cm049503k

288. Kocabas C. i in., J. Am. Chem. Soc., 128, 2006, 4540. https://doi.org/10.1021/ja0603150

289. Su M. i in., J. Phys. Chem. B, 104, 2000, 6505. https://doi.org/10.1021/jp0012404

290. Tominaga M. i in., Chem. Commun., 2004, 1518. https://doi.org/10.1039/b402984d

291. Ruppalt B.L.B. i in., J. Vac. Sci. Technol., B, 22, 2004, 2005. https://doi.org/10.1116/1.1768192

292. Yu Q. i in., J. Phys. Chem. B, 110, 2006, 22676. https://doi.org/10.1021/jp064875x

293. Ishigami N. i in., J. Am. Chem. Soc., 130, 2008, 17264. https://doi.org/10.1021/ja8080549

294. Ago H. i in., Appl. Phys. Lett., 90, 2007, 123112. https://doi.org/10.1063/1.2715031

295. Ozel T. i in., ACS Nano, 3, 2009, 2217. https://doi.org/10.1021/nn900539t

296. Kuang M.H. i in., Appl. Phys. Lett., 76, 2000, 1255. https://doi.org/10.1063/1.126001

297. Lee K.-H. i in., Appl. Phys. Lett., 82, 2003, 448. https://doi.org/10.1063/1.1535269

298. Kumar N. i in., Appl. Phys. Lett., 86, 2005, 173101. https://doi.org/10.1063/1.1906283

299. Chen X.Q. i in., Appl. Phys. Lett., 78, 2001, 3714. https://doi.org/10.1063/1.1377627

300. Chung J. i in., Langmuir, 20, 2004, 3011. https://doi.org/10.1021/la035726y

301. Yoon D.K. i in., Adv. Mater., 18, 2006, 509. https://doi.org/10.1002/adma.200501609

302. Kordas K. i in., Chem. Mater., 19, 2007, 787. https://doi.org/10.1021/cm062196t

303. Korneva G. i in., Nano Letters, 5, 2005, 879. https://doi.org/10.1021/nl0502928

304. Gao C. i in., J. Phys. Chem. B, 110, 2006, 7213. https://doi.org/10.1021/jp0602474

305. Youn S.C. i in., J. Am. Chem. Soc., 131, 2009, 742. https://doi.org/10.1021/ja8073209

306. Walters D.A. i in., Chem. Phys. Lett., 338, 2001, 14.

307. Xie X.L. i in., Mat. Sci. Eng. R-Reports, 49, 2005, 89. https://doi.org/10.1016/j.mser.2005.04.002

308. Li W.Z. i in., Chem. Phys. Lett., 368, 2003, 299.

309. Ichida M. i in., Appl. Phys. A, 78, 2004, 1117. https://doi.org/10.1007/s00339-003-2462-4

310. Kim Y. i in., Appl. Phys. Lett., 86, 2005, 073103. https://doi.org/10.1063/1.1863448

311. Zhang M. i in., Science, 309, 2005, 1215. https://doi.org/10.1126/science.1115311

312. Bazbouz M.B., Stylios G.K., Eur. Polym. J., 44, 2008, 1. https://doi.org/10.1016/j.eurpolymj.2007.10.006

313. Behabtu N. i in., Nano Today, 3, 2008, 24. https://doi.org/10.1016/S1748-0132(08)70062-8

314. Zhang X. i in., Adv. Mater., 19, 2007, 4198.

315. Li Y.-L. i in., Science, 304, 2004, 276. https://doi.org/10.1126/science.1094982

316. Vigolo B. i in., Science, 290, 2000, 1331. https://doi.org/10.1126/science.290.5495.1331

317. Poulin P. i in., Carbon, 40, 2002, 1741. https://doi.org/10.1016/S0008-6223(02)00042-8

318. de Heer W.A. i in., Science, 268, 1995, 845. https://doi.org/10.1126/science.268.5212.845

319. Huang Y. i in., Science, 291, 2001, 630. https://doi.org/10.1126/science.291.5504.630

320. Oh S.J. i in., Appl. Phys. Lett., 82, 2003, 2521. https://doi.org/10.1063/1.1563812

321. Rao S.G. i in., Nature, 425, 2003, 36. https://doi.org/10.1038/425036a

322. Seemann K.M. i in., Nanotechnology, 17, 2006, 4529. https://doi.org/10.1088/0957-4484/17/17/040

323. Wang Y. i in., Proc. Natl. Acad. Sci. USA, 103, 2006, 2026.

324. Melechko A.V. i in., J. Appl. Phys., 97, 2005, 041301. https://doi.org/10.1063/1.1857591

325. Meyyappan M. i in., Plasma Sources Sci. Technol., 12, 2003, 205. https://doi.org/10.1088/0963-0252/12/2/312

326. Park K.C. i in., J. Korean Phys. Soc., 45, 2004, S833.

327. Wang Y. i in., Nanotechnology, 17, 2006, 501. https://doi.org/10.1088/0957-4484/17/2/026

328. Hofmann S. i in., Phys. Rev. Lett., 95, 2005, 036101. https://doi.org/10.1103/PhysRevLett.95.036101

329. Hofmann S. i in., Appl. Phys. Lett., 83, 2003, 135. https://doi.org/10.1063/1.1589187

330. Bae E.J. i in., Chem. Mater., 17, 2005, 5141. https://doi.org/10.1021/cm050889o

331. Choi J.M. i in., Thin Solid Films, 435, 2003, 318. https://doi.org/10.1016/S0040-6090(03)00341-9

332. Lim S.M. i in., Thin Solid Films, 515, 2006, 1380. https://doi.org/10.1016/j.tsf.2006.05.048

333. Choi J.M. i in., Diamond Relat. Mater., 12, 2003, 794. https://doi.org/10.1016/S0925-9635(02)00237-6

334. Fowlkes J.D. i in., Carbon, 44, 2006, 1503. https://doi.org/10.1016/j.carbon.2005.12.010

335. Shiozawa H. i in., Adv. Mater., 20, 2008, 1443. https://doi.org/10.1002/adma.200701466

336. Pfeiffer R. i in., Phys. Stat. Sol. B, 245, 2008, 1943.

337. Liu X. i in., Phys. Stat. Sol. B, 248, 2011, 2492.

338. Ciambelli P. i in., J. Nanosci. Nanotech., 4, 2004, 779 https://doi.org/10.1166/jnn.2004.108

339. Johnson J., U.S. Patent Application No. 2004/0035355.

340. Roach D.H., Reynolds G.A.M., US Patent Application No. 2010/0239490.

341. Aruna S.T., Mukasyan A.S., Current Opinion in Solid State and Materials Science, 12, 2008, 44. https://doi.org/10.1016/j.cossms.2008.12.002

342. Merzhanov A.G., Ceram. Int., 21, 1995, 371. https://doi.org/10.1016/0272-8842(95)96211-7

343. Yukhvid i in., Int. J. Self Propag. High Temp. Synth., 3, 1994, 321.

344. Alekseev N.I. i in., Russ. J. Phys. Chem., 79, Suppl., 1, 2005, S181.

345. Alekseev N.I. i in., Zh. Techn. Fiz., 76, 2006, 84.

346. Alekseev N.I. i in., Zh. Fiz. Khim., 82, 2008, 926.

347. Huczko A. i in., Phys. Stat. Sol. B, 244, 2007, 3969. https://doi.org/10.1002/pssb.200776162

348. Szala M., Int. J. Self Propag. High Temp. Synth., 17, 2008, 106. https://doi.org/10.3103/S1061386208020039

349. Szala M., Fullerenes, Nanotubes and Carbon Nanostructures, 2013,

350. Szala M., Biuletyn WAT, LVIII, 2009, 27.

351. Peluso A. i in., AIP Conference Proc., 1042, 2008, 342.

352. Kurcz M., Przem. Chem., 91, 2012, 1726.

353. Motiei M. i in., J. Am. Chem. Soc,, 123, 2001, 8624. https://doi.org/10.1021/ja015859a

354. Lou Z. i in., J. Am. Chem. Soc., 125, 2003, 9302. https://doi.org/10.1021/ja035177i

355. Lou Z. i in., J. Phys. Chem. B, 108, 2004, 4239. https://doi.org/10.1021/jp036356p

356. Lou Z. i in., Carbon, 41, 2003, 3063. https://doi.org/10.1016/S0008-6223(03)00335-X

357. Lou Z. i in., Carbon, 43, 2005, 1104. https://doi.org/10.1016/j.carbon.2004.12.001

358. Lou Z. i in., Diamond Relat. Mater., 15, 2006, 1540. https://doi.org/10.1016/j.diamond.2005.12.044

359. Lou Z i in., Carbon, 42, 2004, 229. https://doi.org/10.1016/j.carbon.2003.10.012

360. Lou Z i in., Chem. Phys. Lett., 421, 2006, 584. https://doi.org/10.1016/j.cplett.2006.01.119

361. Qian W. i in., Carbon, 44, 2006, 1298. https://doi.org/10.1016/j.carbon.2006.01.015

362. Liu J. i in., Carbon, 41, 2002, 1645. https://doi.org/10.1016/S0008-6223(03)00084-8

363. Lee D.C. i in., J. Am. Chem. Soc., 126, 2004, 4951. https://doi.org/10.1021/ja031522s

364. Khedr M.K. i in., Colloids Surf. A, 302, 2007, 517. https://doi.org/10.1016/j.colsurfa.2007.03.024

365. Khedr M.K. i in., Appl. Catal. B, 61, 2005, 219.

366. Khedr M.K. i in., Mater. Sci. Eng. A, 432, 2006, 26. https://doi.org/10.1016/j.msea.2006.06.012

367. Khedr M.K. i in., J. Anal. Appl. Pyrolysis, 81, 2008, 272.

368. Ma L.J. i in., J. Phys. Chem. Solids, 68, 2007, 1330. https://doi.org/10.1016/j.jpcs.2007.02.022

369. Ma L.J. i in., Mater. Chem. Phys., 105, 2007,122

370. Chen C.S. i in., Carbon, 46, 2008, 365. https://doi.org/10.1016/j.carbon.2007.11.011

371. Chen C.S. i in., Catal. Commun., 11, 2009, 220.

372. Chen C.S. i in., J. Phys. Chem. A, 114, 2010, 3773. https://doi.org/10.1021/jp102401s

373. Novoselova I.A. i in., J. Min. Met., 39, 2003, 281. https://doi.org/10.2298/JMMB0302281N

374. Novoselova I.A. i in., Z. Naturforsch., 63a, 2008, 467.

375. Novoselova I.A. i in., Hydrogen Materials Science and Chemistry of Carbon Nanomaterials (red. Veziroglu T.N. i in.), Springer, Dordrecht 2007, s. 459.

376. Novoselova I.A. i in., Physica E, 40, 2008, 2231. https://doi.org/10.1016/j.physe.2007.10.069

377. Matveev A.T. i in., Carbon, 39, 2001, 2231. https://doi.org/10.1016/S0008-6223(01)00209-3

378. Xu X., Huang S., Mater. Lett., 61, 2007, 4235. https://doi.org/10.1016/j.matlet.2007.01.059

379. Martirosyan K.S., Adv. Sci. Technol., 63, 2010, 236. https://doi.org/10.4028/www.scientific.net/AST.63.236

380. Dąbrowska A. i in., Phys. Stat. Sol. B, 248, 2011, 2704. https://doi.org/10.1002/pssb.201100054

381. Bendjemil B., Int. J. Nanoelectronics Mat., 2, 2009, 173.

382. Hernandez Y. i in., Nature Nanotechnol., 3, 2008, 563. https://doi.org/10.1038/454563b

383. Huczko A., AIChE J., 30, 1984, 811. https://doi.org/10.1002/aic.690300517

384. Lima M.D. i in., Phys. Stat. Sol. B, 244, 2007, 3901.

385. Lima M.D. i in., Phys. Stat. Sol. B, 244, 2007, 3930.

386. Hsu W.K. i in., Nature, 377, 1995, 687. https://doi.org/10.1038/377687a0

387. Bai J.B. i in., Chem. Phys. Lett., 365, 2002, 184. https://doi.org/10.1016/S0009-2614(02)01447-1

388. Chen G.Z. i in., J. Electroanal. Chem., 446, 1998, 1.

389. Grobert N., Mater. Today, 10, 2007, 28. https://doi.org/10.1016/S1369-7021(06)71789-8

390. Alekseev N.I. i in., Zh. Techn. Fiz., 76, 2006, 132. https://doi.org/10.1002/j.1834-4461.2006.tb03040.x

391. Gogotsi Y. i in., J. Mat. Res., 15, 2000, 2591. https://doi.org/10.1557/JMR.2000.0370

392. Gogotsi Y i in., Chem. Phys. Lett., 365, 2002, 354. https://doi.org/10.1016/S0009-2614(02)01496-3

393. Manafi S. i in., Mat. Lett., 62, 2008, 4175. https://doi.org/10.1016/j.matlet.2008.05.072

394. Calderon Moreno J.M. i in., Chem. Phys. Lett., 329, 2000, 317. https://doi.org/10.1016/S0009-2614(00)01017-4

395. Stevens M.G. i in., Chem. Phys. Lett., 292, 1998, 352. https://doi.org/10.1016/S0009-2614(98)00671-X

396. Height M.J. i in., Carbon, 42, 2004, 2295. https://doi.org/10.1016/j.carbon.2004.05.010

397. Hu W. i in., Appl. Phys. Lett., 79, 2001, 3083. https://doi.org/10.1063/1.1415406

398. Van der Wal R.L. i in., J. Phys. Chem. B, 106, 2002, 3564. https://doi.org/10.1021/jp012844q

399. www.cheaptubes.com.

400. www.carbonnanotube.biz.

401. www.baytubes.com.

402. Kierdel M. i in., Phys. Stat. Sol. B, 244, 2007, 3939. https://doi.org/10.1002/pssb.200776101

403. Robertson J., Mater. Today, 10, 2004, 46. https://doi.org/10.1016/S1369-7021(04)00448-1

404. www.nanoforum.org, 2010.04.03.

405. Mleczko L., 25th Int. Winterschool on Electronic Properties of Novel Materials "Molecular Nanostructures", 26 luty - 5 marzec, 2011, Kirchberg, Austria, Abstract Book, s. 31.

406. www.nanointegris.com.

407. Arnold M. i in., Nature Nanotechnol., 1, 2006, 60.

408. Wang C. i in., Nano Letters, 9, 2009, 4285. https://doi.org/10.1021/nl902522f

409. Engel M. i in., Nano, 2, 2008, 2445. https://doi.org/10.1021/nn800708w

410. Green A. i in., Nano Letters, 8, 2008, 1417. https://doi.org/10.1021/nl080302f

411. Nongaret L. i in., Appl. Phys. Lett., 94, 2009, 243505. https://doi.org/10.1063/1.3155212

412. Hersam M.C., Nature Nanotechnol., 3, 2008, 387. https://doi.org/10.1038/nnano.2008.135

413. Hata K. i in., Science, 306, 2004, 1362. https://doi.org/10.1126/science.1104962

414. Hata K. i in., RSC Advances, 2, 2012, 3634. https://doi.org/10.1039/c2ra20290e

415. Gimenez P. i in., Electrochimica Acta, 60, 2012, 177. https://doi.org/10.1016/j.electacta.2011.11.032

416. Kimura H. i in., J. Am. Chem. Soc., 134, 2012, 9219. https://doi.org/10.1021/ja300769j

417. Futaba D.N. i in., Carbon, 50, 2012, 2796. https://doi.org/10.1016/j.carbon.2012.02.043

418. Sakurai S. i in., J. Am. Chem. Soc., 134, 2012, 2148. https://doi.org/10.1021/ja208706c

419. Yasuda S. i in., Nano Letters, 11, 2011, 3617. https://doi.org/10.1021/nl201416c

420. Mukai K. i in., Chemistry - A European Journal, 17, 2011, 10965. https://doi.org/10.1002/chem.201003641

421. Kobashi K. i in., Carbon, 49, 2011, 5090. https://doi.org/10.1016/j.carbon.2011.07.028

422. Xu M. i in., Nano Letters, 11, 2011, 3279. https://doi.org/10.1021/nl201632m

423. Xu M. i in., Advanced Materials, 23, 2011, 3686. https://doi.org/10.1002/adma.201101412

424. Chiang W.-H. i in., Carbon, 49, 2011, 4368. https://doi.org/10.1016/j.carbon.2011.06.015

425. Yamada T. i in., Nature Nanotechnol., 6, 2011, 296.

426. Futaba D.N. i in., J. Am. Chem. Soc., 133, 2011, 5716. https://doi.org/10.1021/ja2005994

427. Miyake T i in., J. Am. Chem. Soc., 133, 2011, 5129. https://doi.org/10.1021/ja111517e

428. Izadi-Najafabadi A. i in., ACS Nano, 5, 2011, 811. https://doi.org/10.1021/nn1017457

429. Biso M. i in., Carbon, 49, 2011, 2253. https://doi.org/10.1016/j.carbon.2011.01.057

430. Izadi-Najafabadi A. i in., J. Am. Chem. Soc., 132, 2010, 18017. https://doi.org/10.1021/ja108766y

431. Xu M. i in., Science, 330, 2010, 1364. https://doi.org/10.1126/science.1194865

432. Izadi-Najafabadi A. i in., Advanced Materials, 22, 2010, E235. https://doi.org/10.1002/adma.200904349

433. Futaba D.N. i in., Carbon, 48, 2010, 4542. https://doi.org/10.1016/j.carbon.2010.08.036

434. Hiraoka T. i in., Advanced Functional Materials, 20, 2010, 422. https://doi.org/10.1002/adfm.200901927

435. Oshima Y. i in., Phys. Rev. Lett., 104, 2010, 016803.

436. Futaba D.N. i in., Advanced Materials, 21, 2009, 4811. https://doi.org/10.1002/adma.200901257

437. Futaba D.N. i in., J. Am. Chem. Soc., 131, 2009, 15992. https://doi.org/10.1021/ja906983r

438. Kato H. i in., Carbon, 47, 2009, 3434. https://doi.org/10.1016/j.carbon.2009.08.006

439. Mera Y. i in., Chem. Phys. Lett., 473, 2009, 138. https://doi.org/10.1016/j.cplett.2009.03.058

440. Hayamizu Y i in., Phys. Rev. Lett., 102, 2009, 175505.

441. Yasuda S. i in., Nano Letters, 9, 2009, 769. https://doi.org/10.1021/nl803389v

442. Yamada T i in., Nano Letters, 8, 2008, 4288. https://doi.org/10.1021/nl801981m

443. Kimizuka O. i in., Carbon, 46, 2008, 1999. https://doi.org/10.1016/j.carbon.2008.08.026

444. Doorn S.K. i in., Phys. Rev. B, 78, 2008, 165408. https://doi.org/10.1103/PhysRevB.78.165408

445. Yasuda S. i in., Appl. Phys. Lett., 93, 2008, 143115. https://doi.org/10.1063/1.2987480

446. Sekitani T i in., Science, 321, 2008, 1468. https://doi.org/10.1126/science.1160309

447. Araujo P.T. i in., Phys. Rev. B, 77, 2008, 241403. https://doi.org/10.1103/PhysRevA.77.033419

448. Izard N. i in., Appl. Phys. Lett., 92, 2008, 243112. https://doi.org/10.1063/1.2939560

449. Jakes P. i in., J. Chem. Phys., 128, 2008, 052306. https://doi.org/10.1063/1.2825592

450. Corzilius B. i in., Phys. Rev. B, 75, 2007, 235416.

451. Fan J. i in., Carbon, 45, 2007, 722. https://doi.org/10.1016/j.carbon.2006.11.034

452. Hiraoka T. i in., J. Am. Chem. Soc., 128, 2006, 13338. https://doi.org/10.1021/ja0643772

453. Maeda Y. i in., J. Am. Chem. Soc., 128, 2006, 12239. https://doi.org/10.1021/ja063776u

454. Futaba D.N. i in., J. Phys. Chem. B, 110, 2006, 8035. https://doi.org/10.1021/jp060080e

455. Zhu H. i in., Small, 12, 2005, 1180. https://doi.org/10.1002/smll.200500200

456. Futaba D.N. i in., Phys. Rev. Lett., 95, 2005, 056104.

457. Mizuno K. i in., J. Phys. Chem. B, 109, 2005, 2632. https://doi.org/10.1021/jp0454117

458. Yamada T. i in., Nature Nanotechnol., 1, 2006, 131.

459. Plata D.L. i in., Nanotechnology, 19, 2008, 1. https://doi.org/10.1088/0957-4484/19/18/185706

460. Wiesner M.R. i in., Environ. Sci. Technol., 40, 2006, 4336. https://doi.org/10.1021/es062726m

461. Maynard A.D. i in., Nature, 444, 2006, 267. https://doi.org/10.1038/444267a

462. Kagan V.E. i in., Nature Nanotechnol., 5, 2010, 354.

463. Allen B.L. i in., Nano Letters, 8, 2008, 3899. https://doi.org/10.1021/nl802315h

464. Hadron R.C. i in., MRS Bull., 29, 2004, 252. https://doi.org/10.1557/mrs2004.76

465. Ding R.G. i in., J. Nanosci. Nanotechnol., 1, 2001, 7.

466. Nikolaev P. i in., Chem. Phys. Lett., 313, 1999, 91.

467. Fan Y. i in., Nat. Mat., 4, 2005, 906.

468. Yasuda i in., Nano Letters, 9, 2009, 769. https://doi.org/10.1021/nl803389v

469. Min Y.-S. i in., J. Am. Chem. Soc., 127, 2005, 8300. https://doi.org/10.1021/ja052320u

470. Morishita K., Takarada T., J. Mater. Si., 34, 1999, 1169. https://doi.org/10.1023/A:1004544503055

471. Li F. i in., Carbon, 38, 2000, 2041. https://doi.org/10.1016/S0008-6223(00)00061-0

472. Zimmerman J.L. i in., Chem. Mater., 12, 2000, 1361. https://doi.org/10.1021/cm990693m

473. Park Y.S. i in., Carbon, 39, 2001, 655. https://doi.org/10.1016/S0008-6223(00)00152-4

474. Cao A. i in., Carbon, 39, 2001, 137. https://doi.org/10.1016/S0008-6223(00)00206-2

475. Coleman J.N. i in., Chem. Commun., 2000, 2001.

476. Kuznetsov V.L. i in., Phys. Stat. Sol. B, 247, 2010, 2695. https://doi.org/10.1002/pssb.201000211

477. Saito R. i in., Appl. Phys. Lett., 60, 1992, 2204. https://doi.org/10.1063/1.107080

478. Collins P.C. i in., Science, 292, 2001, 706. https://doi.org/10.1126/science.1058782

479. Krupke R. i in., Science, 301, 2003, 344. https://doi.org/10.1126/science.1086534

480. Miyata Y. i in., J. Phys. Chem. B, 110, 2006, 25. https://doi.org/10.1021/jp055692y

481. Lemieux M.C. i in., Science, 321, 2008, 101. https://doi.org/10.1126/science.1156588

482. Nish A. i in., Nature Nanotechnol., 2, 2007, 640. https://doi.org/10.1038/nnano.2007.290

483. Ghosh S. i in., Nature Nanotechnol., 5, 2010, 443. https://doi.org/10.1038/nnano.2010.68

484. Tu X.M. i in., Nature, 460, 2009,250. https://doi.org/10.1038/nature08116

485. Liu H. i in., Phys. Stat. Sol. B, 248, 2011, 2524.

486. Hersam M.C., Nature Nanotechnol., 3, 2008, 387. https://doi.org/10.1038/nnano.2008.135

487. Liu J., Hersam M.C., MRS Bull., 35, 2010, 315. https://doi.org/10.1557/mrs2010.554

488. Lu F.S. i in., Langmuir, 27, 2011, 4339 https://doi.org/10.1021/la103137r

489. Liu C.H., Zhang H.L., Nanoscale, 2, 2010, 1901. https://doi.org/10.1039/c0nr00306a

490. Zhang H.L. i in., Chem. Soc. Rev., 40, 2011, 1324. https://doi.org/10.1039/B920457C

491. Tanaka T. i in., Phys. Stat. Sol. B, 247, 2010, 2867. https://doi.org/10.1002/pssb.201000368

492. Bluemmel P. i in., Phys. Stat. Sol. B, 247, 2010, 2891. https://doi.org/10.1002/pssb.201000560

493. Cheng Q. i in., Phys. Stat. Sol. B, 245, 2008, 1947.

494. Heinrich F. i in., Phys. Stat. Sol. B, 245, 2008, 1951.

495. Stuparu A. i in., Phys. Stat. Sol. B, 247, 2010, 2653. https://doi.org/10.1002/pssb.201000106

496. Posseckardt J. i in., Phys. Stat. Sol. B, 247, 2010, 2687. https://doi.org/10.1002/pssb.201000193

497. Arnold M.S. i in., Nature Nanotechnol., 1, 2006, 60.

498. Chernov A.I., Obraztsova E.D., Phys. Stat. Sol. B, 245, 2008, 1951. https://doi.org/10.1002/pssb.200890005

499. Priya B.R., Byrne H.J., Phys. Stat. Sol. B, 245, 2008, 1964.

500. Alvarez L. i in., Phys. Stat. Sol. B, 246, 2009, 2444.

501. Hennrich F. i in., Phys. Stat. Sol. B, 244, 2007, 3896. https://doi.org/10.1002/pssb.200776104

502. Crochet J. i in., Phys. Stat. Sol. B, 244, 2007, 3964. https://doi.org/10.1002/pssb.200776195

503. Fleurier R. i in., Phys. Stat. Sol. B, 246, 2009, 2675.

504. Nishide D. i in., Phys. Stat. Sol. B, 246, 2009, 2728.

505. Ruiz-Soria G. i in., Phys. Stat. Sol. B, 248, 2011, 2504.

506. Wang J. i in., Phys. Chem. Chem. Phys., 6, 2004, 829. https://doi.org/10.1039/b313307a

507. Huang B. i in., J. Chem. Phys., 122, 2005, 084708. https://doi.org/10.1063/1.1851506

508. Tanaka T. i in., Phys. Stat. Sol. B, 246, 2009, 2490.

509. Tanaka T. i in., Phys. Stat. Sol. B, 247, 2010, 2867. https://doi.org/10.1002/pssb.201000368

510. Kataura H. i in., 25th Int. Winterschool on Electronic Properties of Novel Materials "Molecular Nanostructures", 26 luty - 5 marzec, 2011, Kirchberg, Austria, Abstract Book, s. 15.

511. Liu H. i in., Phys. Stat. Sol. B, 247, 2010, 2649. https://doi.org/10.1002/pssb.201000691

512. Tanaka T. i in., Phys. Stat. Sol. RRL, 5, 2011, 301.

513. Nishide D. i in., Phys. Stat. Sol. B, 247, 2010, 2746. https://doi.org/10.1002/pssb.201000423

514. Agbenyega J., Materials Today, 13, 2010, 10. https://doi.org/10.1016/S1369-7021(10)70180-2

515. Parra-Vasquez N. i in., ACS Nano, https://doi.org/10.1021/nn100864v

516. Lutz T. i in., Carbon, 43, 2005, 2508. https://doi.org/10.1016/j.carbon.2005.05.002

517. Maeda Y. i in., Phys. Stat. Sol. B, 247, 2010, 2641. https://doi.org/10.1002/pssb.201000205

518. Aqel A. i in., Arabian J. Chem., 5, 2101, 1.

519. Hou P.X. i in., Carbon, 46, 2008, 2003. https://doi.org/10.1016/j.carbon.2008.09.009

520. Zheng M. i in., J. Am. Chem. Soc., 129, 2007, 6084. https://doi.org/10.1021/ja071577k

521. Zheng M. i in., Nat. Mater., 2, 2003, 338. https://doi.org/10.1038/nrd1102

522. Doom S.K. i in., J. Phys. Chem. B, 107, 2003, 6063.

523. Krupke R. i in., Science, 301, 2003, 344. https://doi.org/10.1126/science.1086534

524. Lustig S.R. i in., J. Phys. Chem. B, 109, 2005, 2559. https://doi.org/10.1021/jp0452913

525. Green A.A., Hersam M.C., Materialstoday, 10, 2007, 59. https://doi.org/10.1016/S1369-7021(07)70309-7

526. Lutz T., Donovan K.J., Carbon, 43, 2005, 2508. https://doi.org/10.1016/j.carbon.2005.05.002

527. www.nacalai.com.

528. Heller D.A. i in., J. Am. Chem. Soc., 128, 2006, 14567.

529. Dyke C.A. i in., J. Am. Chem. Soc., 127, 2005, 4497. https://doi.org/10.1021/ja042828h

530. Huang X.Y. i in., Anal. Chem., 77, 2005, 6225. https://doi.org/10.1021/ac0508954

531. Chattopadhyay D. i in., J. Am. Chem. Soc., 124, 2002, 728. https://doi.org/10.1021/ja0172159

532. Bauer B.J. i in., J. Phys. Chem. C, 111, 2007, 17914. https://doi.org/10.1021/jp071494q

533. Fagan F. i in., Adv. Mater., 20, 2008, 1609. https://doi.org/10.1002/adma.200702353

534. Green A.A., Hersam M.C., ACS Nano, 5, 2011, 1459. https://doi.org/10.1021/nn103263b

535. Hong G. i in., Angew. Chem. Int. Ed., 50, 2011, 6819.

536. Moyon C.M. i in., J. Am. Chem. Soc., 128, 2006, 6552. https://doi.org/10.1021/ja060802f

537. Maeda Y. i in., J. Am. Chem. Soc., 127, 2005, 10287. https://doi.org/10.1021/ja051774o

538. Ozawa H. i in., J. Am. Chem. Soc., 133, 2011, 2651. https://doi.org/10.1021/ja109399f

539. Tange M. i in., J. Am. Chem. Soc., 133, 2011, 11908. https://doi.org/10.1021/ja204698d

540. Priya B.R., Byrne H.J., J. Phys. Chem. C, 113, 2009, 7134. https://doi.org/10.1021/jp808913x

541. Shim C.H. i in., Nanotechnol., 20, 2009, 1.

542. Qui H. i in., J. Am. Chem. Soc., 131, 2009, 16529. https://doi.org/10.1021/ja906932p

543. Gavillet J. i in., Carbon, 40, 2002, 1649. https://doi.org/10.1016/S0008-6223(02)00007-6

544. Baker R.T.K. i in., J. Catal., 77, 1982, 74. https://doi.org/10.1016/0021-9517(82)90148-8

545. Wagner R.S., Ellis W.C., Appl. Phys. Lett., 4, 1964, 89. https://doi.org/10.1063/1.1753975

546. Thess A. i in., Science, 273, 1996, 483. https://doi.org/10.1126/science.273.5274.483

547. Kataura H. i in., Carbon, 38, 2000, 1691. https://doi.org/10.1016/S0008-6223(00)00090-7

548. Munoz E. i in., Appl Phys. A, 70, 2000, 145.

549. Saito Y. i in., J. Phys. Chem., 99, 1995, 16076. https://doi.org/10.1021/j100043a056

550. Seraphin S i in., Appl. Phys. Lett., 64, 1994, 2087. https://doi.org/10.1063/1.111691

551. Journet C. i in., Nature, 388, 1997, 756. https://doi.org/10.1038/41972

552. Bandow S. i in., Phys. Rev. Lett., 80, 1998, 3779. https://doi.org/10.1103/PhysRevLett.80.3779

553. Alvarez L. i in., Appl. Phys. A, 70, 2000, 169.

554. Henrard L. i in., Eur. Phys. J. B, 13, 2000, 661. https://doi.org/10.1007/s100510050083

555. Saito Y. i in., Jpn. J. Appl. Phys., 33, 1994, 526. https://doi.org/10.1143/JJAP.33.164

556. Zhou D. i in., Appl. Phys. Lett., 65, 1994, 1593. https://doi.org/10.1063/1.112924

557. Saito Y., Carbon, 33, 1995, 979. https://doi.org/10.1016/0008-6223(95)00026-A

558. Dai H. i in., Chem. Phys. Lett., 260, 1996, 471.

559. Stobiński L., Tomasik P., Polish J. Chem., 81, 2007, 1971.

560. Zhang J., 25th Int. Winterschool on Electronic Properties of Novel Materials "Molecular Nanostructures", 26 luty - 5 marzec, 2011, Kirchberg, Austria, Abstract Book, s. 29.

561. Lanzani G. i in., Phys. Stat. Sol. B, 247, 2010, 2708. https://doi.org/10.1002/pssb.201000226

562. Chiashi S. i in., Chem. Phys. Lett., 386, 2004, 89. https://doi.org/10.1016/j.cplett.2003.12.126

563. Keidar M., J. Phys. D: Appl. Phys., 40, 2007, 2388. https://doi.org/10.1088/0022-3727/40/8/S18

564. Hinkov I. i in., Carbon, 43, 2005, 2453. https://doi.org/10.1016/j.carbon.2005.04.026

565. Gamaly E.G., Ebbesen T.W., Phys. Rev. B, 52, 1995, 2083. https://doi.org/10.1103/PhysRevB.52.2083

566. Iijima S i in., Phys. Rev. Lett., 63, 1992, 3100. https://doi.org/10.1103/PhysRevLett.69.3100

567. Saito Y. i in., Chem. Phys. Lett., 204, 1993, 277. https://doi.org/10.1016/0009-2614(93)90009-P

568. Colbert D.T., Smalley R.E., Carbon, 33, 1995, 921. https://doi.org/10.1016/0008-6223(95)00071-K

569. Zhou D., Chow L., J. Appl. Phys., 93, 2003, 9972. https://doi.org/10.1063/1.1573733

570. Scott C.D. i in., Appl. Phys. A, 72, 2001, 573. https://doi.org/10.1007/s003390100761

571. Helveg S, i in., Nature, 427, 2004, 426. https://doi.org/10.1038/nature02278

572. Zhu H. i in., Small, 1, 2005, 1180. https://doi.org/10.1002/smll.200500200

573. Ding F. i in., J. Phys. Chem. B, 108, 2004, 17369. https://doi.org/10.1021/jp046645t

574. Audier M., Coulon M., Carbon, 23, 1985, 317. https://doi.org/10.1016/0008-6223(85)90117-4

575. Endo M. i in., Carbon, 33, 1985, 873. https://doi.org/10.1016/0001-6160(85)90111-7

576. Charlier J.-C. i in., Science, 275, 1997, 647. https://doi.org/10.1126/science.275.5300.647

577. Yudasaka M. i in., Appl. Phys. Lett., 70, 1997, 1817. https://doi.org/10.1063/1.118700

578. Moravsky A.P. i in., w Carbon Nanotubes: Science and Applications (red. Meyyappan M.), CRC Press, Boca Raton, Floryda 2005, s. 65. https://doi.org/10.1201/9780203494936.ch3

579. Maiti A. i in., Phys. Rev. B, 55, 1997, R6097. https://doi.org/10.1103/PhysRevB.55.R6097

580. Beuneu F., Solid State Commun., 136, 2005, 462. https://doi.org/10.1016/j.ssc.2005.09.007

581. Tersoff J., Phys. Rev. Lett., 61, 1988, 2879. https://doi.org/10.1103/PhysRevLett.61.2879

582. Stone A.J., Wales D.J., Chem. Phys. Lett., 128, 1986, 501. https://doi.org/10.1016/0009-2614(86)80661-3

583. Rutkowska A. i in., J. Phys. Chem. C, 113, 2009, 17087. https://doi.org/10.1021/jp9048555

584. Alekseev N.I., Charykov N.A., Zh. Fiz. Khim., 83, 2009, 1327. https://doi.org/10.1134/S003602440907022X

585. Alekseev N.I. i in., Zh. Fiz. Khim., 84, 2010, 944.

586. Alekseev N.I. i in., Fizika Tverd. Tela, 52, 2010, 612.

587. Louchev O.A. i in., J. Chem. Phys., 118, 2003, 7622. https://doi.org/10.1063/1.1562195

588. Puretzky A.A. i in., Appl. Phys. A: Mater. Sci. Process., 81, 2005, 223. https://doi.org/10.1007/s00339-005-3256-7

589. Naha S., Puri I.K., J. Phys. D: Appl. Phys., 41, 2008, 065304. https://doi.org/10.1088/0022-3727/41/6/065304

590. Stadermann M. i in., Nano Letters, 9, 2009, 738. https://doi.org/10.1021/nl803277g

591. Futaba D.N. i in., Phys. Rev. Lett., 95, 2005, 056104.

592. Einarsonn E. i in., Carbon, 46, 2008, 923. https://doi.org/10.1016/j.carbon.2008.02.021

593. Lee D.H. i in., J. Phys. Chem. C, 114, 2010, 3454. https://doi.org/10.1021/jp911629j

594. Sawada S., Hamada N., Solid State Commun., 83, 1992, 384. https://doi.org/10.1016/0038-1098(92)90911-R

595. Peng L.-M. i in., Phys. Rev. Lett., 85, 2000, 3249. https://doi.org/10.1103/PhysRevLett.85.3249

596. Shi Z. i in., Carbon, 37, 1999, 1449. https://doi.org/10.1016/S0008-6223(99)00007-X

597. Sun L.F. i in., Nature, 403, 2000, 384. https://doi.org/10.1038/35000290

598. Peng H.Y. i in., Appl. Phys. Lett., 77, 2000, 2831. https://doi.org/10.1063/1.1320869

599. Qin L.-C. i in., Nature, 408, 2000, 50. https://doi.org/10.1038/35040699

600. Zheng L.X. i in., Nature Mater., 3, 2004, 673. https://doi.org/10.1038/nmat1216

601. Chen L. i in., Mater. Lett., 58, 2004, 3737. https://doi.org/10.1016/j.matlet.2004.08.006

602. Liu J. i in., Science, 280, 1998, 1253. https://doi.org/10.1126/science.280.5367.1253

603. Chen J. i in., Science, 282, 1998, 95. https://doi.org/10.1126/science.282.5386.95

604. Wong S.S. i in., J. Am. Chem. Soc., 120, 1998, 8557. https://doi.org/10.1021/ja9817803

605. Boul P.J. i in., Chem. Phys. Lett., 310, 1999, 367. https://doi.org/10.1016/S0009-2614(99)00713-7

606. Jin C. i in., Nature Nanotechnol., doi: 10.1038/nnano.2007.406. https://doi.org/10.1038/nnano.2007.406

607. Guo T. i in., J. Phys. Chem., 99, 1995, 10694. https://doi.org/10.1021/j100027a002

608. Charlier J.C. i in., Science, 275, 1997, 646. https://doi.org/10.1126/science.275.5300.647

609. Lauerhaas J.M. i in., J. Mater. Res., 12, 1007, 1536. https://doi.org/10.1557/JMR.1997.0210

610. Setlur A.A. i in., Appl. Phys. Lett., 76, 2000, 3008. https://doi.org/10.1063/1.126561

611. Jones L.E., Thrower P.A., Carbon, 29, 1991, 251. https://doi.org/10.1016/0008-6223(91)90076-U

612. Murty H.N. i in., Fuel, 56, 1977, 305. https://doi.org/10.1016/0016-2361(77)90013-8

613. Szabo A., Materials, 3, 2010, 3092. https://doi.org/10.3390/ma3053092

614. Lan Y. i in., Adv. in Physics, 60, 2011, 553. https://doi.org/10.1080/00018732.2011.599963

Magdalena Kurcz **Charakterystyka fizykochemiczna nanorurek węglowych**

1. http://www.personal.psu.edu/sbk142/nanotube.htm

2. http://science.uwaterloo.ca/~foldvari/research_program/index.html

3. http://what-when-how.com/nanoscience-and-nanotechnology/carbon-nanotube-interconnects-nanotechnology/

4. http://coronene.blogspot.com/2007_07_01_archive.html

5. http://en.wikipedia.org/wiki/Carbon_nanotubes

6. Huczko A., Nanorurki węglowe, Bell Studio Sp. z o.o., Warszawa 2004

7. http://what-when-how.com/nanoscience-and-nanotechnology/carbon-nanotubes-and-other-carbon-materials-part-1-nanotechnology/.

8. Rao C.N.R., Govindaraj A., Nanotubes and Nanowires, The Royal Society of Chemistry, Cambridge 2005. https://doi.org/10.1002/352760247X.ch8

9. Hamada N. i in., Phys. Rev. Lett., 68, 1992, 1579. https://doi.org/10.1103/PhysRevLett.68.1579

10. Saito R. i in., Phys. Rev. B, 46, 1992, 1804. https://doi.org/10.1103/PhysRevB.46.1804

11. Saito R. i in., Appl. Phys. Lett., 60, 1992, 2204. https://doi.org/10.1063/1.107080

12. Wildoer J. W. G. i in., Nature, 391, 1998, 59.

13. Odom T.W. i in., Nature, 391, 1998, 62. https://doi.org/10.1038/34145

14. Peszke J. i in. Phys. Stat. Sol. A, 208, 2011, 1801. https://doi.org/10.1002/pssa.201001217

15. Ma J. i in., J. Mater. Chem., 19, 2009, 3033. https://doi.org/10.1039/b820088b

16. Bakalis E., Zerbetto F., Chem. Phys. Lett., 463, 2008, 139. https://doi.org/10.1016/j.cplett.2008.08.029

17. Belikov A.V. i in., Chem. Phys. Lett., 385, 2004, 72. https://doi.org/10.1016/j.cplett.2003.12.049

18. Cruz-Silvat E. i in., ACS Nano, 2, 2008, 441. https://doi.org/10.1021/nn700330w

19. Maciel I. O. i in., Nano. Leters, 9, 2009, 2267. https://doi.org/10.1021/nl9004207

20. Maciel I. O. i in., Nat. Mater., 7, 2008, 878. https://doi.org/10.1038/nmat2296

21. Romo-Herrera J. M. i in., Adv. Funct. Mater., 19, 2009, 1193. https://doi.org/10.1002/adfm.200800931

22. Lan Y. i in., Adv. Phys., 60, 2011, 553. https://doi.org/10.1080/00018732.2011.599963

23. Huczko A., Bystrzejewski M., Fullereny 20 lat później, Wydawnictwa UW, Warszawa 2007.

24. Yu M.-F. i in., Phys. Rev. Lett., 84, 2000, 5552. https://doi.org/10.1103/PhysRevLett.84.5552

25. Ruoff R.S. i in., Nature, 364, 1993, 514. https://doi.org/10.1038/364514a0

26. de Heer W. A. i in, Science, 268, 1995, 845. https://doi.org/10.1126/science.268.5212.845

27. Popov V. N., Mat. Sci. Eng. R, 43, 2004, 61. https://doi.org/10.1016/j.mser.2003.10.001

28. Dresselhaus M. S. i in., Phil. Trans. Roy. Soc. London A, 362, 2004, 2065. https://doi.org/10.1098/rsta.2004.1430

29. Wu Y. i in., Nano Letters, 8, 2008, 4158. https://doi.org/10.1021/nl801563q

30. Salvetat J. P., Appl. Phys. A, 69, 1999, 255. https://doi.org/10.1007/s003390050999

31. Wang M. S. i in., Adv. Mater., 22, 2010, 4071. https://doi.org/10.1002/adma.201001463

32. Ruoff R. S. i in. C. R. Physique, 4, 2003, 993. https://doi.org/10.1016/j.crhy.2003.08.001

33. Zhang X. i in., Adv. Mater., 19, 2007, 4198.

34. Zipper E., Postępy Fizyki, 57, 2006, 114.

35. Kajiura H. i in., Chem. Phys. Lett., 398, 2004,476. https://doi.org/10.1016/j.cplett.2004.09.115

36. Ando T. i in., Physica B, 323, 2002, 44. https://doi.org/10.1016/S0921-4526(02)00964-X

37. Guixiao J., Chem. Phys. Lett., 418, 2006, 40. https://doi.org/10.2345/i0899-8205-40-6-418.1

38. Dresselhaus M.S., Ann. Rev. Mater. Res., 34, 2004, 247. https://doi.org/10.1146/annurev.matsci.34.040203.114607

39. Burghard M., Surf. Sci. Rep., 58, 2005, 1. https://doi.org/10.1002/smll.200500257

40. Soares J. S. i in., Nano Letters, 10, 2010, 5043. https://doi.org/10.1021/nl103245q

41. Marquardt C. W. i in., Nano Letters, 8, 2008, 2767. https://doi.org/10.1021/nl801288d

42. Rinzler A. G. i in., Science, 269, 1995, 1550. https://doi.org/10.1126/science.269.5230.1550

43. Heer W. A. D. i in., Science, 270, 1995, 1179. https://doi.org/10.1126/science.270.5239.1179

44. Bonard J. M. i in., Ultramicroscopy, 73, 1998, 7. https://doi.org/10.1016/S0304-3991(97)00129-0

45. Cheng Y., Zhou O., C. R. Physique, 4, 2003, 1021. https://doi.org/10.1016/S1631-0705(03)00103-8

46. Jang H. S. i in., Thin Solid Films, 500, 2006, 124. https://doi.org/10.1016/j.tsf.2005.11.037

47. Li Y. T., Chen T. C., Carbon, 47, 2009, 1165. https://doi.org/10.1016/j.carbon.2009.01.005

48. Patil S. S. i in., Physica B, 406, 2011, 1809. https://doi.org/10.1016/j.physb.2011.02.033

49. Mostofizadeh A. i in., J. Nanomater., 2011, https://doi.org/10.1155/2011/685081

50. C'Connell M. J. i in., Science, 297, 2002, 593. https://doi.org/10.1126/science.1072631

51. Wang S. i in., Nano Letters, 10, 2010, 2381. https://doi.org/10.1021/nl100343j

52. Lehman J. H. i in., Carbon, 49, 2011, 2581. https://doi.org/10.1016/j.carbon.2011.03.028

53. Hurst K. E. i in., Carbon, 48, 2010, 2521. https://doi.org/10.1016/j.carbon.2010.03.028

54. Caplovicova M. i in., Ultramicroscopy, 107, 2007, 692. https://doi.org/10.1016/j.ultramic.2007.01.005

55. Belin T., Epron F., Mat. Sci. Eng. B, 119, 2005, 105. https://doi.org/10.1016/j.mseb.2005.02.046

56. Aqel A. i in. Arabian J. Chem., 5, 2101, 1.

57. Zhu H. i in., Chem. Phys. Lett., 412, 2005, 116. https://doi.org/10.1016/j.cplett.2005.06.119

58. Loos J. i in., Compos. Sci. Technol., 67, 2007, 783. https://doi.org/10.1016/j.compscitech.2005.12.029

59. Polizu S. i in., Appl. Surf. Sci., 252, 2006, 6750. https://doi.org/10.1016/j.apsusc.2006.02.262

60. Villamizar R. A. i in., Biosens. Bioelectron., 25, 2009, 161.

61. DeBorde T. i in., Nano Letters, 8, 2008, 3568. https://doi.org/10.1021/nl801106p

62. Wang Z. L. i in., J. Phys. Chem. Solids, 61, 2000, 1025.

63. Golberg D. i in., Carbon, 38, 2000, 2017. https://doi.org/10.1016/S0008-6223(00)00058-0

64. Cech J. i in., Physica E, 37, 2007, 109. https://doi.org/10.7592/MT2007.37.mongoolia

65. Wei B. i in., Ultramicroscopy, 85, 2000, 93. https://doi.org/10.1016/S0304-3991(00)00040-1

66. Zhu W. Z. i in., Mater. Chem. Phys., 82, 2003, 638.

67. Fiawoo M. F. i in., Surf. Sci., 603, 2009, 1115. https://doi.org/10.1016/j.susc.2009.02.029

68. Varissimo C. i in.,. Appl. Surf. Sci., 254, 2008, 3890.

69. Hayashi T. i in., Carbon, 44, 2006, 1130. https://doi.org/10.1016/j.carbon.2005.11.017

70. Ke X. i in., Ultramicroscopy, 109, 2009, 1353. https://doi.org/10.1016/j.ultramic.2009.06.011

71. Kiselev N. A. i in., Carbon, 42, 2004, 149. https://doi.org/10.1016/j.carbon.2003.10.014

72. Felten A. i in., Appl. Phys. Lett., 89, 2006, 1. https://doi.org/10.1063/1.2345258

73. Felten A. i in., Nano Letters, 7, 2007, 2435. https://doi.org/10.1021/nl071134e

74. Jorio A. i in., New J. Phys., 5, 2003, 139. https://doi.org/10.1088/1367-2630/5/1/139

75. Pesce P. B. C. i in., Appl. Phys. Lett., 96, 2010, 051910. https://doi.org/10.1063/1.3297904

76. Sato K .i in., Chem. Phys. Lett., 497, 2010, 94. https://doi.org/10.1016/j.cplett.2010.07.099

77. Maultzsch J. i in., Phys. Rev. B, 65, 2002, 233402. https://doi.org/10.1103/PhysRevB.65.233402

78. Maultzsch J. i in., Phys. Rev. Lett., 91, 2003, 087402. https://doi.org/10.1103/PhysRevLett.91.087402

79. Maultzsch J. i in., Phys. Rev. B, 64, 2001, 121407. https://doi.org/10.1103/PhysRevB.64.121407

80. Athalin H. S., Lefrant A., J. Raman Spectrosc., 36, 2005, 400. https://doi.org/10.1002/jrs.1305

81. Heise H. M. i in., J. Raman Spectrosc., 40, 2009, 344. https://doi.org/10.1002/jrs.2120

82. Picardi G. i in., Chem. Phys. Lett., 469, 2009, 161. https://doi.org/10.1016/j.cplett.2008.12.088

83. Dresselhaus M. S. i in., Vib. Spectrosc., 45, 2007, 71. https://doi.org/10.1016/j.vibspec.2007.07.004

84. Dresselhaus M. S. i in., Nano Letters, 10, 2010, 751. https://doi.org/10.1021/nl904286r

85. Dresselhaus M. S. i in., Phys. Rep., 409, 2005, 47. https://doi.org/10.1016/j.physrep.2004.10.006

86. Dresselhaus M. S. i in., Carbon, 40, 2002, 2043. https://doi.org/10.1016/S0008-6223(02)00066-0

87. Miyata Y. i in., J. Nanomater., 2011, https://doi.org/10.1155/2011/786763

88. Seifi M. i in., Carbon, 45, 2007, 1871. https://doi.org/10.1016/j.carbon.2007.04.024

89. Villalpando-Paez F. i in., Nano Letters, 8, 2008, 3879. https://doi.org/10.1021/nl802306t

90. Anderson N. i in., Nano Letters, 7, 2007, 577. https://doi.org/10.1021/nl0622496

91. Suzuki S. i in., Curr. Opin. Soli Stste Mater. Sci., 10, 2006, 53.

92. Graham M. W. i in. Nano Letters, 8, 2008, 3936. https://doi.org/10.1021/nl802423w

93. Mohite A. i in., Chem. Phys. Lett., 412, 2005, 190.https://doi.org/10.1016/j.cplett.2005.06.109

94. Luicio D. i in., Carbon Sci. Technol., 3, 2009, 120.

95. Frackowiak E. i in., Chem, Phys. Lett., 361, 2002, 35. https://doi.org/10.1016/S0009-2614(02)00684-X

96. Raymundo-Piner E. i in., Carbon, 40, 2002, 1614. https://doi.org/10.1016/S0008-6223(02)00134-3

97. Kim S. H. i in., Carbon, 47, 2009, 1297. https://doi.org/10.1016/j.carbon.2009.01.011

98. Don-Young K. i in., Chem. Phys. Lett., 413, 2005, 135.

99. Don-Young K. i in., Mol. Cryst. Liq. Cryst., 510, 2009, 79.

100. www.lot-oriel.de.

101. www.appliednanofluorescence.com.

Magdalena Popławska **Modyfikacja i funkcjonalizacja nanorurek węglowych**

1. Krätschmer W. i in., Chem. Phys. Lett., 170, 1990, 167. https://doi.org/10.1016/0009-2614(90)87109-5

2. Krätschmer W. i in., Nature, 347, 1990, 354. https://doi.org/10.1038/347354a0

3. Iijima S., Nature, 354, 1991, 56. https://doi.org/10.1038/354056a0

4. Krusic P. J. i in., Science, 254, 1991, 1183. https://doi.org/10.1126/science.254.5035.1183

5. Hawkins J. M. i in., J. Org. Chem., 55, 1990, 6250. https://doi.org/10.1021/jo00313a009

6. Olah G. A. i in. J. Am. Chem. Soc.,36, 1991, 1533.

7. Olah G. A. i in., Carbon, 30, 1992, 1203. https://doi.org/10.1016/0008-6223(92)90062-2

8. Fagan P. J. i in., Carbon, 30, 1992, 1213. https://doi.org/10.1016/0008-6223(92)90063-3

9. D'Haen J. i in., Solar Energy Materials & Solar Cells, 90, 2006, 2150.

10. Chen D. i in., Nano Letters, 11, 2011, 561. https://doi.org/10.1021/nl103482n

11. Newman C. R. i in., Chem. Mater., 16, 2004, 4436. https://doi.org/10.1021/cm049391x

12. Park C. R., Carbon, 50, 2012, 3. https://doi.org/10.1016/j.carbon.2011.08.068

13. Green J. P., Polym. Int., 59, 2010, 1319. https://doi.org/10.1002/pi.2878

14. Zhao Y-L., Stoddart J.F., Acc. Chem Res., 42, 2009, 1161. https://doi.org/10.1021/ar900056z

15. Britz D. A., Khlobystov A. N., Chem. Soc. Rev., 35, 2006, 637. https://doi.org/10.1039/b507451g

16. Tasis D. i in., Chem. Rev., 106, 2006, 1105. https://doi.org/10.1021/cr050569o

17. Karousis N., Tagmatarchis N., Chem. Rev., 110, 2010, 5366. https://doi.org/10.1021/cr100018g

18. Wang H., Cur. Op. Coll. In. Sci., 14, 2009, 364.

19. Wusiman K. i in., Int. Commun. Heat Mass Trans., 41, 2013, 28. https://doi.org/10.1016/j.icheatmasstransfer.2012.12.002

20. Grossiord N. i in. Langmuir, 23, 2007, 3646. https://doi.org/10.1021/la062684f

21. Jiang L.Q. i in. J. Coll. Int. Sci., 260, 2003, 89.

22. Blanch A. J. i in., J. Phys. Chem. B, 114, 2010, 9805. https://doi.org/10.1021/jp104113d

23. Moore V. C. i in., Nano Letters, 3, 2003, 1379. https://doi.org/10.1021/nl034524j

24. Wang H. i in., Nano Letters, 4, 2004, 1789. https://doi.org/10.1021/nl048969z

25. Zhang Z.B., Zhang S.L., J. Am. Chem. Soc., 129, 2007, 666. https://doi.org/10.1021/ja066419s

26. Anoshkin I. V. i in., Russ. J. Phys. Chem. A, 82, 2008, 254.

27. O'Connell M. J. i in., Science, 297, 2002, 593. https://doi.org/10.1126/science.1072631

28. Islam M. F. i in., Nano Letters, 3, 2003, 269. https://doi.org/10.1021/nl025924u

29. Blanch A. J. i in., J. Phys. Chem. C, 116, 2012, 1709. https://doi.org/10.1021/jp208191c

30. Peng R. G. i in., Polymers-Basel, 5, 2013, 847. https://doi.org/10.3390/polym5020847

31. Tunckol M. i in., Carbon, 50, 2012, 4303. https://doi.org/10.1016/j.carbon.2012.05.017

32. Fukushima T. i in., Science, 300, 2003, 2072. https://doi.org/10.1126/science.1082289

33. Subramanian K. i in., Compos. Sci. Technol., 71, 2011, 1441.

34. Bellayer S. i in., Adv. Funct. Mater., 15, 2005, 910.

35. Wang J. i in., ACS Nano, 2, 2008, 2540. https://doi.org/10.1021/nn800510g

36. Chun K.-Y. i in., Nat. Nanotechnol., 5, 2010, 853.

37. Nieto de Castro C. A. i in., J. Chem. Eng. Data, 55, 2009, 653. https://doi.org/10.1021/je900648p

38. Fukushima T. i in., Angew. Chem. Int. Ed., 44, 2005, 653.

39. Mukai K. i in., Electrochim. Acta, 53, 2008, 5555. https://doi.org/10.1016/j.electacta.2008.02.113

40. Green O. i in., J. Macromol. Sci. Polymer Rev., 49, 2009, 339.https://doi.org/10.1080/15583720903291116

41. Mecerreyes D., Prog. Polym. Sci., 36, 2011, 1629. https://doi.org/10.1016/j.progpolymsci.2011.05.007

42. Hong S.H., i in., Colloid Polymer Sci., 288, 2010, 1013 https://doi.org/10.1007/s00396-010-2229-3

43. Fukushima T. i in., Small, 2, 2006, 554. https://doi.org/10.1002/smll.200500404

44. Marcilla R. i in., Small, 2, 2006, 507. https://doi.org/10.1002/smll.200500373

45. Sain-Aubin K. i in., Langmuir, 25, 2009, 13206. https://doi.org/10.1021/la9018822

46. Zhang J., i in., J. Colloid. Interface Sci., 334, 2009, 212. https://doi.org/10.1016/j.jcis.2009.03.074

47. Jang B. K. i in., J. Phys.: Conf. Ser., 156, 2009, 012005/1-6. https://doi.org/10.1088/1742-6596/156/1/012005

48. Zhao Y.-L., Stoddart J. F., Acc. Chem. Res., 42, 2009, 1161. https://doi.org/10.1021/ar900056z

49. Etica K. C. i in., J. Am. Chem. Soc., 131, 2009, 13598. https://doi.org/10.1021/ja905803f

50. Yan Y. i in., Carbon, 48, 2010, 2603. https://doi.org/10.1016/j.carbon.2010.03.065

51. Łukaszczuk P. i in., Phys. Status Solidi B, 246, 2009, 2699. https://doi.org/10.1002/pssb.200982264

52. Tomonari Y. i in., Chem-Eur. J., 12, 2006, 4027. https://doi.org/10.1002/chem.200501176

53. Zhao Y.-L. i in., Adv. Mater., 20, 2008, 1910. https://doi.org/10.1002/adma.200702804

54. Ogoshi T. i in., J. Am. Chem. Soc., 129, 2007, 4878. https://doi.org/10.1021/ja070457+

55. Sudibya H. G. i in., Angew. Chem. Int. Ed., 48, 2009, 2723.

56. Assali M. i in., Soft Matter., 5, 2009, 948. https://doi.org/10.1039/b817059b

57. Chen Q. i in., Biosens. Bioelectron., 26, 2011, 4497.

58. Yang Q. i in., J. Phys. Chem. B, 112, 2008, 12934. https://doi.org/10.1021/jp805424f

59. Guldi D. M. i in., Chem.-Eur. J., 12, 2006, 3975. https://doi.org/10.1002/chem.200600114

60. Herantz M. A. i in., J. Am. Chem. Soc., 130, 2008, 66.

61. Tasis D. i in., Nanotechnology, 20, 2009, 135606. https://doi.org/10.1088/0957-4484/20/13/135606

62. Hu C. i in., Carbon, 44, 2006, 428. https://doi.org/10.1016/j.carbon.2005.09.003

63. Ogoshi T. i in., Chem. Commun., 2008, 2245. https://doi.org/10.1039/b801546e

64. Ogoshi T. i in., Chem. Commun., 2007, 4776. https://doi.org/10.1039/b711800g

65. Murakami H. i in., Chem. Phys.Lett., 378, 2003, 481. https://doi.org/10.1016/S0009-2614(03)01329-0

66. Chen J. i in., J. Phys. Chem. B, 109, 2005, 7605 https://doi.org/10.1021/jp050389i

67. Zagal J.H. i in., J. Nanosci. Nanotechnol., 9, 2009, 2201. https://doi.org/10.1166/jnn.2009.SE15

68. Li H. i in., J. Am. Chem. Soc., 126, 2004, 1014. https://doi.org/10.1021/ja037142o

69. Satake A. i in., Chem. Mater., 17, 2005, 716. https://doi.org/10.1021/cm048549a

70. Guldi D. M. i in., Chem. Commun., 2005, 2038. https://doi.org/10.1039/B418406H

71. Chichak K.S. I in., Small, 1, 2005, 452. https://doi.org/10.1002/smll.200400070

72. Guldi D. M. i in., Angew. Chem. Int. Ed., 43, 2004, 5526. https://doi.org/10.1002/anie.200461217

73. Guldi D. M. i in., Adv. Mater., 17, 2005, 871. https://doi.org/10.1002/adma.200400641

74. Matsura K. i in., Chem. Phys. Lett., 429, 2006, 497.

75. Karajanagi S. S. i in., Langmuir, 22, 2006, 1392. https://doi.org/10.1021/la0528201

76. Balavoine F. i in., Angew. Chem. Int. Ed., 38, 1999, 1912. https://doi.org/10.1002/(SICI)1521-3773(19990712)38:13/14<1912::AID-ANIE1912>3.0.CO;2-2

77. Bradley K. i in., Nano Letters, 4, 2004, 253. https://doi.org/10.1021/nl0349855

78. Strano M. S., Proceedings of the Fifth International Conference on the Science and Application of Nanotubes, SanLuis Potosi, 2004.

79. Zheng M. i in., Science, 302, 2003, 1545. https://doi.org/10.1126/science.1091911

80. Zheng M. i in., Nat. Mater., 2, 2003, 338. https://doi.org/10.1038/nrd1102

81. Gigliotti B. i in., Nano Letters, 6, 2006, 159. https://doi.org/10.1021/nl0518775

82. Nepal D. i in., Biomacromolecules, 6, 2005, 2919. https://doi.org/10.1021/bm050380m

83. Ortiz-Acevedo A. i in., J. Am. Chem. Soc., 127, 2005, 9512. https://doi.org/10.1021/ja050507f

84. Zorbas V. i in., J. Am. Chem. Soc., 127, 2005, 12323. https://doi.org/10.1021/ja050747v

85. Witus L. i in., J. Mater. Chem., 17, 2007, 1909. https://doi.org/10.1039/b700174f

86. Chen R. J. i in., J. Am. Chem. Soc., 123, 2001, 3838. https://doi.org/10.1021/ja010172b

87. Besteman K. i in., Nano Letters, 3. 2003, 727. https://doi.org/10.1021/nl034139u

88. Łukaszczuk P., App. Phys. A, 100, 2010, 505. https://doi.org/10.1007/s00339-010-5841-7

89. Regev O. i in., Nano Letters, 2, 2002, 25. https://doi.org/10.1021/nl010065f

90. Lii C.Y. i in., Carbohydr. Polym., 51, 2003, 93. https://doi.org/10.1016/S0144-8617(02)00122-4

91. Stobiński L. i in., Carbohydr. Polym., 51, 2003, 311. https://doi.org/10.1016/S0144-8617(02)00213-8

92. Polaczek E. i in., J. Nanosci. Nanotechnol., 5, 2005, 487.

93. Star A. i in., Angew. Chem. Int. Ed., 41, 2002, 2508. https://doi.org/10.1002/1521-3773(20020715)41:14<2508::AID-ANIE2508>3.0.CO;2-A

94. Takahashi T. i in., Chem. Lett., 34, 2005, 1516. https://doi.org/10.1246/cl.2005.1516

95. Yang H. i in., Chem Commun., 2006, 1425. https://doi.org/10.1039/b515896f

96. Zhang J. i in., Carbon, 45, 2007, 1917. https://doi.org/10.1016/j.carbon.2007.05.007

97. Yang Q. i in., Biomacromolecules, 9, 2008, 3422. https://doi.org/10.1021/bm800964m

98. Rybak-Smith M.J. i in., J. Biomed. Nanotechnol., 7, 2011, 830. https://doi.org/10.1166/jbn.2011.1347

99. Fabbro C. i in., Chem. Commun., 2012, 3911. https://doi.org/10.1039/c2cc17995d

100. Vashist S. K. i in., Carbon, 49, 2011, 4077. https://doi.org/10.1016/j.carbon.2011.05.049

101. Kamalha E. i in., Macromol. Res., 20, 2012, 891. https://doi.org/10.1007/s13233-012-0134-y

102. Pastorin G., Pharm. Res., 26, 2009, 746 https://doi.org/10.1007/s11095-008-9811-0

103. He H. i in., Biomed. Res. Int., 2013, art. ID: 578290.

104. Ali-Boucetta H. i in., Chem. Commun., 2008, 459. https://doi.org/10.1039/B712350G

105. Liu Z. i in., ACS Nano, 1, 2007, 50. https://doi.org/10.1021/nn700040t

106. Zhang X. i in., Biomaterials, 30, 2009, 6041. https://doi.org/10.1016/j.biomaterials.2009.07.025

107. Liu Z. i in., Cancer Res., 68, 2008, 6652. https://doi.org/10.1158/0008-5472.CAN-08-1468

108. Georgakilas V. i in., J. Mater. Chem., 17, 2007, 2679. https://doi.org/10.1039/b700857k

109. Qu L., Dai L., J. Am. Chem. Soc., 127, 2005, 10806. https://doi.org/10.1021/ja053479+

110. Tessonnier J.-P. i in., ACS Nano, 3, 2009, 2081. https://doi.org/10.1021/nn900647q

111. Pederson M. R., Broughton J. Q., Phys. Chem. Rev. Lett., 69, 1992, 2689. https://doi.org/10.1103/PhysRevLett.69.2689

112. Ugarte D. i in., Science, 274, 1996, 1897. https://doi.org/10.1126/science.274.5294.1897

113. Ajayan P.M. i in., Nature, 375, 1995, 564. https://doi.org/10.1038/375564a0

114. Seraphin S. i in., Nature, 362, 1993, 503. https://doi.org/10.1038/362503a0

115. Dujardin E. i in., Science, 265, 1994, 1850. https://doi.org/10.1126/science.265.5180.1850

116. Govindaraj A. i in., Chem. Mater., 12, 2000, 202. https://doi.org/10.1021/cm990546o

117. Ersen O. i in., Nano Letters, 7, 2007, 1898. https://doi.org/10.1021/nl070529v

118. Wang Z. i in., Chem. Asian J., 5, 2010, 1030. https://doi.org/10.1002/asia.200900557

119. Liu X. i in., Phys. Rev. B, 65, 2002, 45419. https://doi.org/10.1103/PhysRevB.65.132513

120. Hirahara K. i in., Phys. Rev. Lett., 85, 2000, 5384. https://doi.org/10.1103/PhysRevLett.85.5384

121. Kitaura R. i in., Nano Letters, 8, 2008, 693. https://doi.org/10.1021/nl073070d

122. Pagona G. i in., J. Am. Chem. Soc., 130, 2008, 6062. https://doi.org/10.1021/ja800760w

123. Mrzel A. i in., Surf. Sci., 601, 2007, 5116. https://doi.org/10.1016/j.susc.2007.04.236

124. Chamberlain T.W. i in., J. Am. Chem. Soc., 129, 2007, 8609. https://doi.org/10.1021/ja071803q

125. Fujita Y. i in., Chem. Phys. Lett., 413, 2005, 410. https://doi.org/10.1016/j.cplett.2005.08.033

126. Bandow S. i in., Chem. Phys. Lett., 384, 2004, 320. https://doi.org/10.1016/j.cplett.2003.12.032

127. Yanagi K. i in., Phys. Rev. B, 74, 2006, 155420. https://doi.org/10.1103/PhysRevB.74.155420

128. Yanagi K. i in., J. Am. Chem. Soc., 129, 2007, 4992. https://doi.org/10.1021/ja067351j

129. Tripisano C. i in., Chem. Phys. Lett., 478, 2009, 200.

130. Hampel S. i in., Nanomed., 3, 2008, 175.

131. Tripisciano C. i in., Phys. Status Solidi B, 247, 2010, 2673. https://doi.org/10.1002/pssb.201000143

132. Li J. i in., Carbon, 50, 2012, 1625. https://doi.org/10.1016/j.carbon.2011.11.043

133. Ren Y. i in., Adv. Mater., 20, 2008, 2031. https://doi.org/10.1002/adma.200702292

134. Boncel S. i in., J. Control Release, 169, 2013, 126. https://doi.org/10.1016/j.jconrel.2013.04.009

135. Dujardin E. i in., Adv. Mater., 10, 1998, 611. https://doi.org/10.1002/(SICI)1521-4095(199805)10:8<611::AID-ADMA611>3.0.CO;2-8

136. Liu J. i in., Science, 280, 1998, 1253. https://doi.org/10.1126/science.280.5367.1253

137. Stobinski L. i in., J Alloy Compd., 501, 2010, 77. https://doi.org/10.1016/j.jallcom.2010.04.032

138. Aviles L. F. i in., Carbon, 47, 2009, 2970. https://doi.org/10.1016/j.carbon.2009.06.044

139. Ren F. i in., Carbon, 63, 2013, 61. https://doi.org/10.1016/j.carbon.2013.06.039

140. Mazov I. i in., Appl. Surf. Sci., 258, 2012, 6272. https://doi.org/10.1016/j.apsusc.2012.03.021

141. Gromov A. i in., J. Mater. Chem., 15, 2005, 3334. https://doi.org/10.1039/b504282h

142. Singh P. i in., Chem. Soc. Rev., 38, 2009, 2214. https://doi.org/10.1039/b518111a

143. Chen Y. i in., Chem Soc. Rev., 42, 2013, 4532. https://doi.org/10.1039/C2CS35396B

144. Daniel S. i in., Sensors and Actuators B, 122, 2007, 672. https://doi.org/10.1016/j.snb.2006.06.014

145. Gao Y., Kyratzis I., Bioconjugate Chem., 19, 2008, 1945. https://doi.org/10.1021/bc800051c

146. Huang W. i in., Nano Letters, 2, 2002, 311. https://doi.org/10.1021/nl010095i

147. Janng K. i in., J. Mater. Chem., 14, 2004, 37.

148. Lee Y. M. i in., Biotechnology Lett., 28, 2006, 39. https://doi.org/10.1007/s10529-005-9685-8

149. Ji P. i in., AIChE Journal, 56, 2010, 3005. https://doi.org/10.1002/aic.12180

150. Feng W., Ji P., Biotechnology Adv., 29, 2011, 889. https://doi.org/10.1016/j.biotechadv.2011.07.007

151. Wang Y. i in., Chem. Phys. Lett., 402, 2005, 96.

152. Delgado J. L. i in., Carbon, 45, 2007, 2445. https://doi.org/10.1016/j.carbon.2007.07.011

153. Dresselhaus M.S., Dresselhaus G., Eklund P.C., Science of Fullerenes and Carbon Nanotubes, Academic Press, San Diego, CA 1996. https://doi.org/10.1016/B978-012221820-0/50003-4

154. Pekker S. i in., J. Chem. Phys. B, 105, 2001, 7938. https://doi.org/10.1021/jp010642o

155. Tang X. L. i in., Fuller. Nanotube Carbon Nanostr., 18, 2010, 14.

156. Khabashesku V. N. i in., Acc. Chem. Res., 35, 2002, 1087. https://doi.org/10.1021/ar020146y

157. Khabashesku V. N., Russ. Chem. Rev., 80, 2011, 705. https://doi.org/10.1070/RC2011v080n08ABEH004232

158. Hamwi A. i in., Carbon, 35, 1997, 723. https://doi.org/10.1016/S0008-6223(97)00013-4

159. Mickelson E.T. i in., Chem. Phys. Lett., 296, 1998, 188. https://doi.org/10.1016/S0009-2614(98)01026-4

160. Yang C.-M. i in., Phys. Rev. B, 73, 2006, 075419. https://doi.org/10.1103/PhysRevB.73.075319

161. Muramatsu H. i in., Chem. Commun., 2005, 2002. https://doi.org/10.1039/b416393a

162. Saini R.K. i in., J. Am. Chem. Soc., 125, 2003, 3617. https://doi.org/10.1021/ja021167q

163. Boul P. J. i in., Chem. Phys. Lett., 310, 1999, 367. https://doi.org/10.1016/S0009-2614(99)00713-7

164. Kuznetsov O.V. i in., Russ. Chem. Bull., 59, 2010, 1495. https://doi.org/10.1007/s11172-010-0269-y

165. Unger E. i in., Curr. Appl. Phys., 2, 2002, 107.

166. Barthos R. i in., Carbon, 43, 2005, 321. https://doi.org/10.1016/j.carbon.2004.09.018

167. Abdelkader V.K. i in., J. Phys. Chem. C, 117, 2013, 16677. https://doi.org/10.1021/jp404390h

168. Coleman K.S. i in., Chem. Mater., 19, 2007, 1076. https://doi.org/10.1021/cm062730x

169. Balaban T.S. i in., Adv. Mater., 18, 2006, 2763. https://doi.org/10.1002/adma.200600138

170. Lee H.-J. i in., Carbon, 46, 2008, 1850. https://doi.org/10.1016/j.carbon.2008.07.027

171. Graupner R. i in., J. Am. Chem., Soc., 128, 2006, 6683. https://doi.org/10.1021/ja0607281

172. Wunderlich D. i in., Chem.-Eur. J., 14, 2008, 1607. https://doi.org/10.1002/chem.200701038

173. Syrgiannis Z. i in., Eur. J. Org. Chem., 2008, 2544. https://doi.org/10.1002/ejoc.200800005

174. Ni B., Sinnot S.B., Phys Rev. B, 61, 2000, R16343. https://doi.org/10.1103/PhysRevB.61.R16343

175. Galano A., Nanoscale, 2, 2010, 373. https://doi.org/10.1039/b9nr00364a

176. Bahr J.L. i in., J. Am. Chem. Soc., 123, 2001, 6536. https://doi.org/10.1021/ja010462s

177. Dyke C.A. i in., SynLett., 2004, 155.

178. Usrey M.L. i in., J. Am. Chem. Soc., 127, 2005, 16129. https://doi.org/10.1021/ja0537530

179. Leinonen H., Lajunen M., J. Nanoparticle Res., 14, 2012, 1064. https://doi.org/10.1007/s11051-012-1064-5

180. Lipinska M.E. i in., Mat. Chem. Phys., 143, 2013, 296.

181. Sadowska K. i in., Carbon, 47, 2009, 1501. https://doi.org/10.1016/j.carbon.2009.01.044

182. Price B.K. i in., J. Am. Chem. Soc., 127, 2005, 14867. https://doi.org/10.1021/ja053998c

183. Price B.K., Tour J.M., J. Am. Chem. Soc., 128, 2006, 12899. https://doi.org/10.1021/ja063609u

184. Kumar I. i in., Chem. Eur. J., 17, 2011, 11092. https://doi.org/10.1002/chem.201101260

185. Chen Y. i in., J. Mater. Res., 13, 1998, 2423. https://doi.org/10.1557/JMR.1998.0337

186. Chen J. i in., Science, 282, 1998, 95. https://doi.org/10.1126/science.282.5386.95

187. Ismaili H. i in., Chem. Mater., 23, 2011, 1519. https://doi.org/10.1021/cm103284g

188. Luksirikul P. i in., J. Mater. Chem., 21, 2011, 19080. https://doi.org/10.1039/c1jm13783b

189. Holzinger M. i in., Angew. Chem. Int. Ed., 40, 2001, 4002. https://doi.org/10.1002/1521-3773(20011105)40:21<3927::AID-ANIE3927>3.0.CO;2-X

190. Nie H. i in., Nano. Res., 3, 2010, 103. https://doi.org/10.1007/s12274-010-1014-4

191. Moghaddam M.J. i in., Nano Letters, 4, 2004, 89. https://doi.org/10.1021/nl034915y

192. Umeyama T. i in., J. Phys. Chem. C, 111, 2007, 9734. https://doi.org/10.1021/jp071604t

193. Zydziak N. i in., Polym. Chem., 4, 2013, 4072. https://doi.org/10.1039/c3py00232b

194. Lu X. i in., Org. Lett., 4, 2002, 4313. https://doi.org/10.1021/ol026956r

195. Delgado J.L. i in., Chem. Commun., 2004, 1734. https://doi.org/10.1039/B402375G

196. Zhang L. i in., Chem. Commun., 2005, 3265. https://doi.org/10.1039/b500125k

197. Menard-Moyon C. i in., J. Am. Chem. Soc., 128, 2006, 14764. https://doi.org/10.1021/ja065698g

198. Chang C.-M., Liu Y.-L., Carbon, 47, 2009, 3041. https://doi.org/10.1016/j.carbon.2009.06.058

199. Munirasu S. i in., Macromol. Rapid Commun., 31, 2010, 574. https://doi.org/10.1002/marc.200900751

200. Sanz R., Org. Prep. Proceed. Int., 40, 2008, 215. https://doi.org/10.1080/00304940809458089

201. Nakamura Y. i in., Org. Lett., 3, 2001, 1193. https://doi.org/10.1021/ol0156547

202. Criado A. i in., Chem. Commun., 2010, 7028. https://doi.org/10.1039/c0cc01907k

203. Criado A. i in., Carbon, 63, 2013, 140. https://doi.org/10.1016/j.carbon.2013.06.064

204. Pantarotto D. i in., J. Am. Chem. Soc., 125, 2003, 6160. https://doi.org/10.1021/ja034342r

205. Vazquez E., Prato M., ACS Nano, 3, 2009, 3819. https://doi.org/10.1021/nn901604j

206. Guryanov I. i in., Chem. Eur. J., 15, 2009, 12837. https://doi.org/10.1002/chem.200901408

207. Vazquez E. i in., Chem. Soc. Rev., 43, 2014, 58. https://doi.org/10.1039/C3CS60164A

208. Lu X. i in., J. Am. Chem. Soc., 125, 2003, 10459. https://doi.org/10.1021/ja034662a

209. Alvaro M. i in., J. Am. Chem. Soc., 128, 2006, 6626. https://doi.org/10.1021/ja057742i

210. Poplawska M. i in., Carbon, 48, 2010, 1318. https://doi.org/10.1016/j.carbon.2009.11.048

Magdalena Kurcz **Zastosowania nanorurek węglowych**

1. Avouris P. i in., Nature Nanotechnol., 2, 2007, 605. https://doi.org/10.1038/nnano.2007.300

2. Naeemi A. i in., IEDM Digest, 2004, 699.

3. Naeemi A., Meindl J. D., Annu. Rev. Mater. Res., 39, 2009, 255. https://doi.org/10.1146/annurev-matsci-082908-145247

4. Srivastava N. i in., Electron Devices Meeting, Proc. IEDM Technical Digest. IEEE International, 2005, s. 249.

5. Tans S. J. i in, Nature, 393, 1998, 49. https://doi.org/10.1038/29954

6. Martel R. i in., Appl. Phys. Lett., 73, 1998, 2447. https://doi.org/10.1063/1.122477

7. Matsuoka K. i in., Chem. Phys. Lett., 417, 2006, 540. https://doi.org/10.1016/j.cplett.2005.10.071

8. Zhang Z. Y. i in., Nano Letters, 7, 2007, 3603. https://doi.org/10.1021/nl0717107

9. Yang M. H. i in., Appl. Phys. Lett., 88, 2006, 113507. https://doi.org/10.1063/1.2186100

10. Lu Y. R. i in., J. Am. Chem. Soc., 128, 2006, 3518. https://doi.org/10.1021/ja058836v

11. Weitz R. T. i in., Nano Letters, 7, 2007, 22. https://doi.org/10.1021/nl061534m

12. Weitz R. T. i in., Nano Letters, 9, 2009, 1335. https://doi.org/10.1021/nl802982m

13. LeMieux M. C. i in., Science, 321, 2008, 101. https://doi.org/10.1126/science.1156588

14. Kang S. J. i in., Nature. Nanotechnol., 2, 2007, 230.

15. Burghard M. i in., Adv. Mater., 21, 2009, 2586. https://doi.org/10.1002/adma.200803582

16. Raj K. i in., Chem. Phys. Lett., 470, 2009, 95.

17. Wnag H. i in., ACS Nano, 4, 2010, 6659. https://doi.org/10.1021/nn1020743

18. Liang X. i in., Adv. Mater., 21, 2009, 1339. https://doi.org/10.1002/adma.200990076

19. Qi P. i in., J. Am. Chem. Soc., 126, 2004, 11774. https://doi.org/10.1021/ja045900k

20. Kocabas C. i in., Nano Letters, 9, 2009, 1937. https://doi.org/10.1021/nl9001074

21. Cao Q. i in., Adv. Mater., 18, 2006, 304.

22. Engel M. i in., ACS Nano, 2, 2008, 2445. https://doi.org/10.1021/nn800708w

23. Wang S. i in., Adv. Mater., 20, 2008, 3258.

24. Lee J. U. i in., Appl. Phys. Lett., 85, 2004, 145. https://doi.org/10.1063/1.1769595

25. Lee J. U., Appl. Phys. Lett., 87, 2005, 073101. https://doi.org/10.1063/1.2010598

26. Jiao L. Y. i in., J. Phys. Chem. C, 112, 2008, 7544. https://doi.org/10.1021/jp8020744

27. Peng Y. i in., J. Nanomater., 2011,.

28. Ryu K. i in., Nano Letters, 9, 2009, 189. https://doi.org/10.1021/nl802756u

29. Javey A. i in., Nature Mater., 1, 2002, 241. https://doi.org/10.1038/nmat769

30. Bachtold A. i in., Science, 294, 2001, 1317. https://doi.org/10.1126/science.1065824

31. Derycke V. i in., Nano Letters, 1, 2001, 453. https://doi.org/10.1021/nl015606f

32. Liu X. i in., Appl. Phys. Lett., 79, 2001, 3329. https://doi.org/10.1063/1.1417516

33. Chen Z. i in., Science, 311, 2006, 1735. https://doi.org/10.1126/science.1122797

34. Jiao L. Y. i in., Nano Letters, 9, 2009, 205. https://doi.org/10.1021/nl802779t

35. Hu Y. F. i in., Appl. Phys. Lett., 90, 2007, 223116. https://doi.org/10.1063/1.2745646

36. Rueckes T. i in., Science, 289, 2000, 94. https://doi.org/10.1126/science.289.5476.94

37. Jang J. E. i in., Nature Nanotechnol., 3, 2008, 26.

38. Yao J. i in., ACS Nano, 3, 2009, 4122. https://doi.org/10.1021/nn901263e

39. Yu W. J. i in., Adv. Mater., 23, 2011, 1889. https://doi.org/10.1002/adma.201100131

40. Fuhrer M. S. i in., Nano Letters, 2, 2002, 755. https://doi.org/10.1021/nl025577o

41. Zhou W. i in., Appl. Phys. Lett., 93, 2008, 123115. https://doi.org/10.1063/1.2988272

42. Cui J. B. i in., Appl. Phys. Lett., 81, 2002, 3260. https://doi.org/10.1063/1.1516633

43. Baughman R. H. i in., Science, 284, 1999, 1340. https://doi.org/10.1126/science.284.5418.1340

44. Jonsson L. M. i in., Nanotechnology, 15, 2004, 1497. https://doi.org/10.1088/0957-4484/15/11/022

45. Lee S. W. i in., Nano Letters, 4, 2004, 2027. https://doi.org/10.1021/nl049053v

46. Cha S. N. i in., Appl. Phys. Lett., 86, 2005, 083105. https://doi.org/10.1063/1.1868064

47. Bhunia S. i in., ECS Trans., 3, 2006, 375.

48. Dujardin E. i in., Appl. Phys. Lett., 87, 2005, 193107. https://doi.org/10.1063/1.2126805

49. Lefèvre R. i in., Phys. Rev. Lett., 95, 2005, 185504. https://doi.org/10.1103/PhysRevLett.95.185504

50. Kaul A. B. i in., Nano Letters, 6, 2006, 942. https://doi.org/10.1021/nl052552r

51. Jang J. E. i in., Appl. Phys. Lett., 87, 2005, 163114. https://doi.org/10.1063/1.2077858

52. Cruden B. A. i in., IEEE Trans. Nanotech., 5, 2006, 1536. https://doi.org/10.1109/TNANO.2006.876923

53. Begtrup G. E. i in., Nano Letters, 9, 2009, 1835. https://doi.org/10.1021/nl803800c

54. Gulyaev Y. V. i in., Proceedings of the Technical Digest of 7th IVM Conference, Grenoble, France 1994, s. 322.

55. Zhbanov A. I. i in, Radiophys. Quantum Electron., 47, 2004, 435. https://doi.org/10.1023/B:RAQE.0000046318.53459.6e

56. Bonard J. M. i in., Carbon, 40, 2002, 171. https://doi.org/10.1016/S0008-6223(02)00011-8

57. Cheng Y., Zhou O., C. R. Physique, 4, 2003, 1021. https://doi.org/10.1016/S1631-0705(03)00103-8

58. Jeong H. J. i in., Carbon, 44, 2006, 2689. https://doi.org/10.1016/j.carbon.2006.04.009

59. Shearer C. J. i in., J. Mater. Chem., 18, 2008, 5753. https://doi.org/10.1039/b811546j

60. Eletskii A. V., Phys.-Usp., 53, 2010, 863. https://doi.org/10.3367/UFNe.0180.201009a.0897

61. Jang H. S. i in., Carbon, 48, 2010, 4019. https://doi.org/10.1016/j.carbon.2010.07.006

62. Darbari S. i in., Carbon, 48, 2010, 2493. https://doi.org/10.1016/j.carbon.2010.03.022

63. Lee J. i in., Carbon, 50, 2012, 3889. https://doi.org/10.1016/j.carbon.2012.04.033

64. Chen G. i in., Diamond Relat. Mater., 25, 2012, 134. https://doi.org/10.1016/j.diamond.2012.03.002

65. Perea-Lopez N. i in., ACS Nano, 5, 2011, 5072. https://doi.org/10.1021/nn201149y

66. Bonard J. M. i in., Ultramicroscopy, 73, 1998, 7. https://doi.org/10.1016/S0304-3991(97)00129-0

67. Ajayan P. M., Zhou O. Z., Top. Appl. Phys., 80, 2001, 391.

68. Liang X. H. i in., Appl. Phys. Lett., 88, 2006, 111501. https://doi.org/10.1063/1.2180439

69. Baik C. W. i in., IEEE Trans. Electron Devices, 54, 2007, 2392. 70. Cheng C. W. i in., Appl. Surf. Sci., 255, 2009, 5770.

71. Zhao W. J. i in., J. Vac. Sci. Technol. B, 21, 2003, 1734. https://doi.org/10.1116/1.1587136

72. Kyung S. J. i in., Carbon, 45, 2007, 649. https://doi.org/10.1016/j.carbon.2006.10.008

73. Kyung S. J. i in., Carbon, 46, 2008, 1316. https://doi.org/10.1016/j.carbon.2008.05.009

74. Cheng T. C. i in., Appl. Phys. Lett., 88, 2006, 263118. https://doi.org/10.1063/1.2218824

75. Chen Z. i in., Appl. Phys. Lett., 87, 2005, 243104. https://doi.org/10.1063/1.2140893

76. Zhang Y. i in., Carbon, 49, 2011, 3299. https://doi.org/10.1016/j.carbon.2011.04.006

77. Jo S. H. i in., Appl. Phys. Lett., 82, 2003, 3520. https://doi.org/10.1063/1.1576310

78. Bonard J. M. i in., Appl. Phys. Lett., 73, 1998, 918. https://doi.org/10.1063/1.122037

79. Collins P. G., Zettl A., Appl. Phys. Lett., 69, 1996, 1969. https://doi.org/10.1063/1.117638

80. Suh J. S. i in., Appl. Phys. Lett., 80, 2002, 2392. https://doi.org/10.1063/1.1465109

81. Chowalla M. i in., Appl. Phys. Lett., 79, 2001, 2079.

82. Guillorn M. A. i in., Appl. Phys. Lett., 81, 2002, 3660. https://doi.org/10.1063/1.1517718

83. Nilsson L. i in., Appl. Phys. Lett., 76, 2000, 2071. https://doi.org/10.1063/1.126258

84. Bonard J. M. i in., Adv. Mater., 13, 2001, 184. https://doi.org/10.1002/1521-4095(200102)13:3<184::AID-ADMA184>3.0.CO;2-I

85. Groning O. i in., J. Vac. Sci. Technol. B, 18, 2000, 665. https://doi.org/10.1116/1.591258

86. Saito Y., J. Nanosci. Nanotechnol., 3, 2003, 39. https://doi.org/10.1166/jnn.2003.182

87. Bonard J. M. i in., Solid-State Electron., 45, 2001, 893. https://doi.org/10.1016/S0038-1101(00)00213-6

88. Saito Y., Uemura S., Carbon, 38, 2000, 169. https://doi.org/10.1016/S0008-6223(99)00139-6

89. Rinzler A. G. i in., Science, 269, 1995, 1550. https://doi.org/10.1126/science.269.5230.1550

90. De Heer W. A. i in., Science, 270, 1995, 1179. https://doi.org/10.1126/science.270.5239.1179

91. Shiratori Y. i in., Appl. Phys. Lett., 82, 2003, 2485. https://doi.org/10.1063/1.1566803

92. Jeong S. H. i in., Appl. Phys. Lett., 78, 2001, 2052. https://doi.org/10.1063/1.1359483

93. Lee N. S. i in., Diamond Relat. Mater., 10, 2001, 265. https://doi.org/10.1016/S0925-9635(00)00478-7

94. Chi E.J. i in., SID Symp. Digest Tech. Papers., 37, 2006, 1841. https://doi.org/10.1889/1.2433401

95. Bonard J. M. i in., Appl. Phys. Lett., 78, 2001, 2775. https://doi.org/10.1063/1.1367903

96. Huang J. X. i in., J. Vac. Sci. Technol. B 26, 2008, 1700. https://doi.org/10.1116/1.2970144

97. Saito Y. i in., Jpn. J. Appl. Phys., 37, 1998, L346. https://doi.org/10.1143/JJAP.37.L346

98. Murakami H. i in., Appl. Phys. Lett., 76, 2000, 1776. https://doi.org/10.1063/1.126164

99. Ericson L. M. i in., Science, 305, 2004, 1447. https://doi.org/10.1126/science.1101398

100. Rosen R. i in., Appl. Phys. Lett., 76, 2000, 1668. https://doi.org/10.1063/1.126130

101. Sugie H. i in., Appl. Phys. Lett., 78, 2001, 2578. https://doi.org/10.1063/1.1367278

102. Lee Y. Z. i in., Nucl. Instrum. Methods Phys. Res., Sect. A, 648, 2011, 281.

103. Liu Z. i in., Appl. Phys. Lett., 89, 2006, 103111. https://doi.org/10.1063/1.2345829

104. Kita S. i in., J. Appl. Phys., 103, 2008, 064505. https://doi.org/10.1063/1.2894730

105. Heo S. H. i in., Appl. Phys. Lett., 90, 2007, 183109. https://doi.org/10.1063/1.2735549

106. Sarrazin P. i in., Adv. X-ray Anal., 47, 2004, 232.

107. Teo K. B. K. i in., Nature, 437, 2005, 968. https://doi.org/10.1038/437968a

108. Baughman R. i in., Science, 297, 2002, 787. https://doi.org/10.1126/science.1060928

109. Wang Q. H. i in., Appl. Phys. Lett., 72, 1998, 2912. https://doi.org/10.1063/1.121493

110. Uemura S. i in., SID Symp. Digest Tech. Papers, 29, 1998, 1052. https://doi.org/10.1889/1.1833667

111. Choi W. B. i in., Appl. Phys. Lett., 75, 1999, 3129. https://doi.org/10.1063/1.125253

112. Choi Y. C. i in., Appl. Phys. Lett., 88, 2006, 263504. https://doi.org/10.1063/1.2217711

113. Choi W. B. i in., Jpn. J. Appl. Phys. Part 1, 39, 2000, 2560. https://doi.org/10.1143/JJAP.39.2560

114. Lee C. C. i in., SID'01, 2001, 316. https://doi.org/10.1889/1.1831860

115. Dean K. A. i in., IDW'01 Proceedings International Display Research Conference, 2001, s. 1225.

116. Guo P. S. i in., Solid State Electron., 52, 2008, 877. https://doi.org/10.1016/j.sse.2008.01.023

117. Han I. T. i in., XIX Winterschool/Euroconference on the Electronic Properties of Novel Materials, Kirchberg, Austria 2005.

118. Jung Y. J. i in., Nano Letters, 6, 2006, 413. https://doi.org/10.1021/nl052238x

119. Jeong H. J. i in., Adv. Funct. Mater., 21, 2011, 1526.

120. Schindler A. i in., Physica E, 37, 2007, 119. https://doi.org/10.1097/01.BMSAS.0000287314.96083.a2

121. King R. C. Y., Roussel F., Appl. Phys. A, 86, 2007, 159. https://doi.org/10.1007/s00339-006-3757-z

122. Russel J. M. i in., Thin Solid Films, 509, 2006, 53. https://doi.org/10.1016/j.tsf.2005.09.099

123. Duran H. i in., Liq. Cryst., 32, 2005, 815. https://doi.org/10.1080/02678290500191204

124. Jeong S. J. i in., Nano Letters, 7, 2007, 2178. https://doi.org/10.1021/nl070116u

125. Dierking I., San S. E., Appl. Phys. Lett., 87, 2005, 233507. https://doi.org/10.1063/1.2140069

126. Dierking I. i in., J. Appl. Phys., 97, 2005, 044309. https://doi.org/10.1063/1.1850606

127. Dierking I. i in., Adv. Mater., 16, 2004, 865. https://doi.org/10.1002/adma.200306196

128. Song W. i in., Science, 302, 2003, 1363. https://doi.org/10.1126/science.1089764

129. Qi H., Hegmann T., J. Mater. Chem., 18, 2008, 3288. https://doi.org/10.1039/b718920f

130. Delepierre G. i in., J. Appl. Phys., 108, 2010, 044308. https://doi.org/10.1063/1.3448021

131. Fu W. i in., Carbon, 48, 2012, 1876.

132. Liu P. i in., Adv. Mater., 21, 2009, 3563.

133. Wei Y. i in., Phys. Rev. B, 76, 2007, 045423. https://doi.org/10.1103/PhysRevA.76.013407

134. Kan M. C. i in., Carbon, 41, 2003, 2839. https://doi.org/10.1016/S0008-6223(03)00414-7

135. Wadhawan A. i in., Appl. Phys. Lett., 78, 2001, 108. https://doi.org/10.1063/1.1338493

136. Raffaelle R. P. i in., Mater. Sci. Eng. B, 116, 2005, 233. https://doi.org/10.1016/j.mseb.2004.09.034

137. Xie R. H., Jiang J., Appl. Phys. Lett., 71, 1997, 1029. https://doi.org/10.1063/1.119717

138. Xie R. H., J. Chem. Phys., 108, 1998, 3626. https://doi.org/10.1063/1.475757

139. Xie R.H., Rao Q., Chem. Phys. Lett., 313, 1999, 211. https://doi.org/10.1016/S0009-2614(99)01044-1

140. Liu X. i in., Appl. Phys. Lett., 74, 1999, 164. https://doi.org/10.1063/1.123124

141. Wang S., Chem. Phys. Lett., 320, 2000, 411. https://doi.org/10.1016/S0002-9629(15)34917-X

142. Stanciu C. i in., Appl. Phys. Lett., 81, 2002, 4064. https://doi.org/10.1063/1.1521508

143. Lauret J. S. i in., Appl. Phys. Lett., 18, 2004, 3572. https://doi.org/10.1063/1.1808226

144. Maeda A. i in., Phys. Rev. Lett., 94, 2005, 047404. https://doi.org/10.1103/PhysRevLett.94.077001

145. Jensen Li in., Nano Letters, 3, 2003, 661. https://doi.org/10.1021/nl0340982

146. Xie R. H., Chem. Phys. Lett., 310, 1999, 379. https://doi.org/10.1016/S0009-2614(99)00783-6

147. Lu G. i in., Chem. Phys. Lett., 407, 2005, 397.

148. Feng W. i in., J. Appl. Phys., 98, 2005, 034301. https://doi.org/10.1063/1.1954887

149. Wang Z. i in., Chem. Phys. Lett., 407, 2005, 35.

150. Han H. i in., Appl. Phys. Lett., 86, 2005, 053113. https://doi.org/10.1063/1.1855421

151. Wang Y. i in., Appl. Phys. Lett., 86, 2005, 153120. https://doi.org/10.1063/1.1900941

152. Kempa K. i in., Nano Letters, 3, 2003, 13. https://doi.org/10.1021/nl0258271

153. Rybczynski J. i in., Appl. Phys. Lett., 88, 2006, 203122. https://doi.org/10.1063/1.2205165

154. Wu P. i in., Phys. Rev. Lett., 93, 2004, 013902.

155. García-Vidal F. J. i in., Phys. Rev. Lett., 78, 1997, 4289. https://doi.org/10.1103/PhysRevLett.78.4289

156. Reyes E. i in., Phys. Rev. B, 72, 2005, 155118.

157. Lidorikis E., Ferrari A. C., ACS Nano, 3, 2009, 1238. https://doi.org/10.1021/nn900123a

158. Vivien L. i in., Carbon, 40, 2002, 1789. https://doi.org/10.1016/S0008-6223(02)00046-5

159. Izard N. i in., Opt. Lett., 30, 2005, 1509. https://doi.org/10.1364/OL.30.001509

160. Vivien L. i in., Physica B, 323, 2002, 233. https://doi.org/10.1016/S0921-4526(02)00974-2

161. Xu J. i in., Chem. Phys. Lett., 389, 2004, 247 https://doi.org/10.1016/j.cplett.2004.03.111

162. Chin K. C. i in., Chem. Phys. Lett., 383, 2004, 72.

163. Chin K. C. i in., Chem. Phys. Lett., 409, 2005, 85. https://doi.org/10.1007/s10273-005-0395-6

164. Riggs J. E. i in., J. Phys. Chem., 104, 2000, 7071. https://doi.org/10.1021/jp0011591

165. Jin Z. i in., Chem. Phys. Lett., 318, 2000, 505. https://doi.org/10.1016/S0009-2614(00)00091-9

166. Jin Z. i in., Chem. Phys. Lett., 352, 2002, 328. https://doi.org/10.1016/S0009-2614(01)01468-3

167. O'Flaherty S. M. i in., J. Opt. Soc. Am. B, 20, 2003, 49.

168. Hongbing Z. i in., Chem. Phys. Lett., 411, 2005, 373. https://doi.org/10.1016/j.cplett.2005.06.058

169. Wang J. i in., J. Mater. Chem., 19, 2009, 7425. https://doi.org/10.1039/b906294g

170. Misewich J. A. i in., Science, 300, 2003, 783. https://doi.org/10.1126/science.1081294

171. Freitag M. i in., Phys. Rev. Lett., 93, 2004, 076803. https://doi.org/10.1103/PhysRevLett.93.076803

172. Freitag M. i in., Nano Letters, 6, 2006, 1425. https://doi.org/10.1021/nl060462w

173. Chen J. i in., Science, 310, 2005, 1171. https://doi.org/10.1126/science.1119177

174. Freitag M. i in., Nano Letters, 3, 2003, 1067. https://doi.org/10.1021/nl034313e

175. Fujiwara F. i in., Jpn. J. Appl. Phys., 40, 2001, L1229. https://doi.org/10.1143/JJAP.40.L1229

176. Kamada Y i in., Physica B, 323, 2002, 239. https://doi.org/10.1016/S0921-4526(02)00977-8

177. Kamada Y. i in., Solid State Commun., 123, 2002, 375. https://doi.org/10.1016/S0038-1098(02)00387-3

178. Ruzicka B., Phys. Rev. B, 61, 2000, 2468.

179. Khairoutdinov R. F. i in., J. Phys. Chem. B, 108, 2004, 1997. https://doi.org/10.1021/jp046495m

180. Yang Z. L. i in., Mater. Sci. Eng. B, 106, 2004, 73.

181. Lee S. B. i in., Synth. Met., 121, 2001, 1591. https://doi.org/10.1016/S0379-6779(00)01310-2

182. Yu G. i in., Science, 270, 1995, 1789. https://doi.org/10.1126/science.270.5243.1789

183. O'Connell M. J., Science, 297, 2002, 593. https://doi.org/10.1126/science.1072631

184. Zhang Y., Iijima S., Phys. Rev. Lett., 82, 1999, 3472. https://doi.org/10.1103/PhysRevLett.82.3472

185. Spataru C. D. i in., Phys. Rev. Lett., 92, 2004, 017403. https://doi.org/10.1103/PhysRevLett.92.077402

186. Freitag M. i in., Nano Letters, 4, 2004, 1063. https://doi.org/10.1021/nl049607u

187. Guo J. i in., Phys. Rev. Lett., 93, 2004, 017402.

188. Cinke M. i in., Chem. Phys. Lett., 365, 2002, 69. https://doi.org/10.1016/S0009-2614(02)01420-3

189. Trancik J. E. i in., Nano Letters, 8, 2008, 982. https://doi.org/10.1021/nl071945i

190. Berson S. i in., Adv. Funct. Mater., 17, 2007, 3363. https://doi.org/10.1002/adfm.200700438

191. Li C. i in., J. Mater. Chem., 17, 2007, 2406. https://doi.org/10.1039/B618518E

192. Sgobba V., Guldi D. M., J. Mater. Chem., 18, 2008, 153. https://doi.org/10.1039/B713798M

193. Kymakis E., Amaratunga G.A.J., Appl. Phys. Lett., 80, 2002, 112. https://doi.org/10.1063/1.1428416

194. Landi B. J. i in., Prog. Photovoltaics: Res. Appl., 13, 2005, 165. https://doi.org/10.1002/pip.604

195. Rahman G. M. A. i in., J. Am. Chem. Soc., 127, 2005, 10051. https://doi.org/10.1021/ja050396k

196. Sgobba V. i in., J. Mater. Chem., 19, 2009, 4319. https://doi.org/10.1039/b902712m

197. Landi B. J. i in., Sol. Energ. Mater., 87, 2005, 733.

198. Feng W. i in., J. Phys. Condens. Matter, 17, 2005, 4361. https://doi.org/10.1088/0953-8984/17/27/011

199. Li Z. i in., J. Mater. Chem., 20, 2010, 7236. https://doi.org/10.1039/c0jm01361g

200. Tung V. C. i in., Energy Environ. Sci., 5, 2012, 7810. https://doi.org/10.1039/c2ee21587j

201. Chen T. i in., Angew. Chem. Int. Ed., 50, 2011, 1815.

202. Naughton M. J. i in., Phys. Stat. Sol. RRL, 4, 2010, 181.

203. Camacho R. i in., JOM-J MET, 59, 2007, 39. https://doi.org/10.1007/s11837-007-0037-0

204. Zhou H. i in., Adv. Mater., 21, 2009, 3919.

205. Hanson G. W., IEEE Trans. Antennas Propag., 53, 2005, 3426. https://doi.org/10.1109/TAP.2005.858865

206. Burke P. J. i in., IEEE Trans. Nanotechnol., 5, 2006, 314. https://doi.org/10.1109/TNANO.2006.877430

207. Fichtner N., Russer P., 36th European Microwave Conference, Manchester, 10-15 Sept. 2006, s.870.

208. Slepyan G. Y. i in., Phys. Rev. B, 60, 1999, 17136. https://doi.org/10.1103/PhysRevB.60.17136

209. Demoustier S. i in., C. R. Physique, 9, 2008, 53. https://doi.org/10.1016/j.crhy.2008.01.001

210. Zhao J. i in., Anal. Chim. Acta, 568, 2006, 161. https://doi.org/10.1016/j.aca.2006.02.006

211. Kempa K i in., Adv. Mater., 19, 2007, 421. https://doi.org/10.1002/adma.200601187

212. Burke P. J. i in., Int. J. High Speed Electron. Syst., 16, 2006, 977. https://doi.org/10.1142/S0129156406004119

213. Liu Z. i in., Adv. Mater., 22, 2010, 2285. https://doi.org/10.1002/adma.200904167

214. Hur S. H. i in., J. Appl. Phys., 98, 2005, 114302. https://doi.org/10.1063/1.2135415

215. Reuss R. H. i in., Proc. IEEE, 93, 2005, 1239. https://doi.org/10.1109/JPROC.2005.851237

216. Novak J. P. i in., Appl. Phys. Lett., 83, 2003, 4026. https://doi.org/10.1063/1.1626265

217. Cao Q., Rogers J. A., Adv. Mater., 21, 2009, 29. https://doi.org/10.1002/adma.200801995

218. Snow E. S. i in., Appl. Phys. Lett., 82, 2003, 2145. https://doi.org/10.1063/1.1564291

219. Snow E. S. i in., Science, 307, 2005, 1942. https://doi.org/10.1126/science.1109128

220. Zhou Y. X. i in., Nano Letters, 4, 2004, 2031. https://doi.org/10.1021/nl048905o

221. Kocabas C. i in., Small, 1, 2005, 1110. https://doi.org/10.1002/smll.200500120

222. Kocabas C. i in., Nano Letters, 4, 2004, 2421. https://doi.org/10.1021/nl048487n

223. Kumar S. i in., Appl. Phys. Lett., 88, 2006, 123505. https://doi.org/10.1063/1.2187401

224. Arnold M. S. i in., Nature Nanotechnol., 1, 2006, 60.

225. Opatkiewicz J. i in., ACS Nano, 4, 2010, 2975. https://doi.org/10.1021/nn101092d

226. Zhang G. i in., Science, 314, 2006, 974. https://doi.org/10.1126/science.1133781

227. Cao Q. i in., Nature, 454, 2008, 495. https://doi.org/10.1038/nature07110

228. Kim S. i in., ACS Nano, 4, 2010, 2994. https://doi.org/10.1021/nn1006094

229. Satish Kumar i in., J. Electron. Packag., 133, 2011, 020906-1.

230. Zhang D. i in, Nano Letters, 6, 2006, 1880. https://doi.org/10.1021/nl0608543

231. Pasquier A. D. i in., Appl. Phys. Lett., 87, 2005, 203511. https://doi.org/10.1063/1.2132065

232. Geng H. Z. i in., J. Am. Chem. Soc., 129, 2007, 7758. https://doi.org/10.1021/ja0722224

233. Gordon R. G., MRS Bull., 25, 2000, 52. https://doi.org/10.1557/mrs2000.151

234. Zhen Y. i in., Phys. Rev. Lett., 84, 2000, 2941. https://doi.org/10.1103/PhysRevLett.84.2941

235. Saran N. i in., J. Am. Chem. Soc., 126, 2004, 4462. https://doi.org/10.1021/ja037273p

236. Itkis M. E. i in., Nano Letters, 2, 2002, 155. https://doi.org/10.1021/nl0156639

237. Kim J. S. i in., Synth. Met., 111-112, 2000, 311.

238. Bansal M. i in., Nanoscale, 1, 2009, 317. https://doi.org/10.1039/b9nr00179d

239. Hatton R. A. i in., J. Mater. Chem., 18, 2008, 1183. https://doi.org/10.1039/b713527k

240. Che J. i in., Nanotechnology, 11, 2000, 65. https://doi.org/10.1088/0957-4484/11/2/305

241. Berber S. i in., Phys. Rev. Lett., 84, 2000, 4613. https://doi.org/10.1103/PhysRevLett.84.4613

242. Biercuk M. J. i in., Appl. Phys. Lett., 80, 2002, 2767. https://doi.org/10.1063/1.1469696

243. Prasher R., Appl. Phys. Lett., 90, 2007, 143110. https://doi.org/10.1063/1.2719240

244. Cola B. A. i in., Carbon Nanotubes: New Research, Nova Science Publishers, New York 2009.

245. Xu J., Fisher T. S., IEEE Trans. Compon. Packag. Technol., 29, 2006, 261. https://doi.org/10.1109/TCAPT.2006.875876

246. Cola B. A. i in., J. Appl. Phys., 101, 2007, 054313. https://doi.org/10.1063/1.2510998

247. Cola B. A. i in., Appl. Phys. Lett., 90, 2007, 093513. https://doi.org/10.1063/1.2644018

248. Xu Y. i in., J. Appl. Phys., 100, 2006, 074302. https://doi.org/10.1063/1.2337254

249. Amama P. B. i in., Nanotechnology, 18, 2007, 385303. https://doi.org/10.1088/0957-4484/18/38/385303

250. Chuang H. F. i in., J. Nanosci. Nanotechnol., 4, 2004, 964. https://doi.org/10.1166/jnn.2004.152

251. Cola B. A. i in., Proceedings of ASME Summer Heat Transfer Conference, Jacksonville, FL 2008.

252. Cola B. A. i in., Proceedings of ASME=JSME Thermal Engineering Summer Heat Transfer, Vancouver, Canada 2007, t. 2, s. 901.

253. Cola B. A. i in., Proceedings of ASME InterPACK, Vancouver, Canada 2007, t. 1, s. 967.

254. Liu X. i in., J. Appl. Phys., 104, 2008, 084310. https://doi.org/10.1063/1.2999644

255. Ngo Q. i in., Nano Letters, 4, 2004, 2403. https://doi.org/10.1021/nl048506t

256. Panzer M. A. i in., J. Heat Transfer, 130, 2008, 052401. https://doi.org/10.1115/1.2885159

257. Prasher R., Phys. Rev. B, 77, 2008, 075424. https://doi.org/10.1103/PhysRevB.77.075424

258. Tong T. i in., IEEE Trans. Compon. Packag. Technol., 30, 2007, 92.

259. Wang H. i in., J. Phys. Chem. C, 111, 2007, 12617. https://doi.org/10.1021/jp0730848

260. Wang X. i in., J. Appl. Phys., 97, 2005, 064302. https://doi.org/10.1063/1.1854725

261. Zhang K. i in., Nanotechnology, 19, 2008, 215706. https://doi.org/10.1088/0957-4484/19/21/215706

262. Cross R. i in., Nanotechnology, 21, 2010, 445705. https://doi.org/10.1088/0957-4484/21/44/445705

263. Xu J., Fisher T. S., Int. J. Heat Mass Transfer, 49, 2006, 1658. https://doi.org/10.1016/j.ijheatmasstransfer.2005.09.039

264. Hamdan A. i in., Nanotechnology, 21, 2010, 015702. https://doi.org/10.1088/0957-4484/21/1/015702

265. Wang Q. i in., Int. J. Refrig., 35, 2012, 7.

266. Li J. i in., J. Phys. Chem. B, 106, 2002, 9299. https://doi.org/10.1021/jp021201n

267. Campbell J. K. i in., J. Am. Chem. Soc., 121, 1999, 3779. https://doi.org/10.1021/ja990001v

268. Britto P. J. i in., Bioelectrochem. Bioenerg., 41, 1996, 121. https://doi.org/10.1016/0302-4598(96)05078-7

269. Nugent J. M. i in., Nano Letters, 1, 2001, 87. https://doi.org/10.1021/nl005521z

270. Wang J. i in., J. Am. Chem. Soc., 125, 2003, 2408. https://doi.org/10.1021/ja028951v

271. Luo H. i in., Anal. Chem., 73, 2001, 915. https://doi.org/10.1021/ac000967l

272. Che G. i in., Nature, 393, 1998, 346. https://doi.org/10.1038/30694

273. Musameh M. i in., Electrochem. Commun., 4, 2002, 743. https://doi.org/10.1016/S1388-2481(02)00451-4

274. Lin Y. i in., J. Mater. Chem., 14, 2004, 527. https://doi.org/10.1039/b314481j

275. Britto P. J. i in., Adv. Mater., 11, 1999, 154. https://doi.org/10.1002/(SICI)1521-4095(199902)11:2<154::AID-ADMA154>3.0.CO;2-B

276. Anonim, NIMS NOW International, 8, 2010, 7.

277. US Department of Energy, Basic Research Needs for Electrical Energy Storage 2007 ; www.sc.doe.gov/bes/reports/abstracts.html#EES (accessed February 2010).

278. Pushparaj V. L. i in., Proc. Natl. Acad. Sci. USA, 104, 2007, 13574.

279. Jiang Y. i in., Sens. Actuators A (July 2012), https://doi.org/10.1016/j.sna.2012.07.007

280. Kang Y. J. i in., ACS Nano, 6, 2012, 6400. https://doi.org/10.1021/nn301971r

281. Chen P. C. i in., Appl. Phys. Lett., 94, 2009, 043113. https://doi.org/10.1063/1.3069277

282. Obreja V. V. N., Physica E, 40, 2008, 2596. https://doi.org/10.1016/j.physe.2007.09.044

283. Liu C. G. i in., New Carbon Mater., 20, 2005, 205.

284. Zheng C. i in., Mater. Sci. Eng. B, 117, 2012, 1138.

285. Yuan A. B., Zhang Q. L., Electrochem. Commun., 8, 2006, 1173. https://doi.org/10.1016/j.elecom.2006.05.018

286. Frackowiak E. i in., Appl. Phys. Lett., 77, 2000, 2421. https://doi.org/10.1063/1.1290146

287. An K. Y. i in., J. Korean Phys. Soc., 39, 2001, S511.

288. Lee S. W. i in., Korean J. Chem. Eng., 18, 2001, 371. https://doi.org/10.1007/BF02699180

289. Frackowiak E. i in., Fuel Process. Technol., 77, 2002, 213. https://doi.org/10.1016/S0378-3820(02)00078-4

290. Frackowiak E., Beguin F., Carbon, 40, 2002, 1775. https://doi.org/10.1016/S0008-6223(02)00045-3

291. Yoon B. J. i in., Chem. Phys. Lett., 388, 2004, 170.

292. Ye H. S. i in., Electrochem. Commun., 7, 2005, 249.

293. Liu C. G. i in., J. Power Sources, 160, 2006, 758. https://doi.org/10.1016/j.jpowsour.2006.01.072

294. Du C. S. i in., Nanotechnology, 16, 2005, 350. https://doi.org/10.1088/0957-4484/16/4/003

295. Du C. S. i in., J. Mater. Chem., 15, 2005, 548. https://doi.org/10.1039/b414682d

296. Du C. S., Pan N., J. Power Sources, 160, 2006, 1487. https://doi.org/10.1016/j.jpowsour.2006.02.092

297. Du C. S., Pan N., Nanotechnology, 17, 2006, 5314. https://doi.org/10.1088/0957-4484/17/21/005

298. Li C. S. i in., Prog. Nat. Sci., 15, 2005, 453.

299. Kim Y. T. i in., Appl. Phys. Lett., 87, 2005, 234. https://doi.org/10.1063/1.2053366

300. Kim Y. T., Mitani T., J. Power Sources, 158, 2006, 1517. https://doi.org/10.1016/j.jpowsour.2005.10.069

301. Fang W. C. i in., Electrochem. Solid State Lett., 9, 2006, A5. https://doi.org/10.1149/1.2128123

302. Jiang Q., J. Inorg. Mater., 21, 2006, 1253. https://doi.org/10.1002/ejic.200690001

303. Jurewicz K. i in., Carbon, 44, 2006, 2368. https://doi.org/10.1016/j.carbon.2006.05.044

304. Xu B. i in., Chin. J. Chem., 24, 2006, 1505. https://doi.org/10.1002/cjoc.200690284

305. Wen S. i in., Curr. Appl. Phys., 6, 2006, 1012.

306. Wen S. i in., J. Power Sources, 163, 2006, 304. https://doi.org/10.1016/j.jpowsour.2006.01.064

307. Wang X. F. i in., Acta Phys.-Chim. Sin., 19, 2003, 509.

308. Kim Y. T. i in., J. Mater. Chem., 15, 2005, 4914. https://doi.org/10.1039/b511869g

309. Lee J. K. i in., J. Power Sources, 159, 2006, 1527. https://doi.org/10.1016/j.jpowsour.2005.11.063

310. Wang X. F. i in., Rare Metal Mater. Eng., 35, 2006, 295.

311. Sun Z. Y. i in., Carbon, 44, 2006, 888. https://doi.org/10.1016/j.carbon.2005.10.023

312. Quin X. i in., Carbon, 42, 2004, 451. https://doi.org/10.1111/j.1468-5965.2004.00496.x

313. Yan S. i in., Synth. Met.,159, 2009, 158. https://doi.org/10.1016/j.synthmet.2008.07.024

314. Wang Y. G. i in., J. Electrochem. Soc., 153, 2006, A743. https://doi.org/10.1149/1.2171833

315. Shahid M. i in., Electrochim. Acta, 85, 2012, 243. https://doi.org/10.1016/j.electacta.2012.08.058

316. Salunkhe R. R. i in., J. Mater. Chem., 22, 2012, 21630. https://doi.org/10.1039/c2jm32638h

317. Wang X. F. i in., J. Inorg. Mater., 18, 2003, 331.

318. Wang G. X. i in., Solid State Ionics, 176, 2005, 1169. https://doi.org/10.1016/j.ssi.2005.02.005

319. Lee C. Y. i in., J. Electrochem. Soc., 152, 2005, A716. https://doi.org/10.1149/1.1870793

320. Raymundo-Pinero E. i in., J. Electrochem. Soc., 152, 2005, A229. https://doi.org/10.1149/1.1834913

321. Subramanian V. i in., Electrochem. Commun., 8, 2006, 827.

322. Fan Z. i in., Diamond Relat. Mater., 15, 2006, 1478. https://doi.org/10.1016/j.diamond.2005.11.009

323. Zhang H. i in., Energy Environ. Sci., 2, 2009, 932. https://doi.org/10.1039/b906812k

324. Khomenko V. i in., Appl. Phys. A: Mater. Sci. Process., 82, 2006, 567. https://doi.org/10.1007/s00339-005-3397-8

325. Naoi K., Simon P., Electrochemical Society Interface, 17, 2008, 34.

326. Kang Y. J. i in., Synth. Met., 60, 2010, 2510.

327. Kawaoka H. i in., Solid State Ionics, 176, 2005, 621. https://doi.org/10.1016/j.ssi.2004.09.004

328. Nam K. W. i in., J. Power Sources, 188, 2009, 323. https://doi.org/10.1016/j.jpowsour.2008.11.133

329. Zhang H. i in., Nano Letters, 8, 2008, 2664. https://doi.org/10.1021/nl800925j

330. Zheng H. i in., Solid State Ionics, 181, 2010, 1690.

331. Zhang W. D. i in., J. Mater. Chem., 20, 2010, 6383. https://doi.org/10.1039/b926341a

332. Reddy A. L. M. i in., J. Phys. Chem. C, 114, 2010, 658. https://doi.org/10.1021/jp908739q

333. Bordjiba T., Belanger D., Electrochim. Acta, 55, 2010, 3428. https://doi.org/10.1016/j.electacta.2009.12.070

334. Zheng H. i in., J. Power Sources, 216, 2012, 508. https://doi.org/10.1016/j.jpowsour.2012.06.047

335. Wang J. G. i in., Electrochim. Acta, 75, 2012, 213. https://doi.org/10.1016/j.electacta.2012.04.088

336. An K. H. i in., J. Electrochem. Soc., 149, 2002, A1058. https://doi.org/10.1149/1.1491235

337. Ham H. T. i in., Polymer, 46, 2005, 6308. https://doi.org/10.1016/j.polymer.2005.05.062

338. Deng M. G. i in., Acta Chim. Sin., 63, 2005, 1127.

339. Niu Z. i in., Energy Environ. Sci., 5, 2012, 8726. https://doi.org/10.1039/c2ee22042c

340. Khomenko V. i in., Electrochim. Acta, 50, 2005, 2499. https://doi.org/10.1016/j.electacta.2004.10.078

341. Frackowiak E. i in., J. Power Sources, 153, 2006, 413. https://doi.org/10.1016/j.jpowsour.2005.05.030

342. Deng M. i in., J. Mater. Sci., 40, 2005, 5021. https://doi.org/10.1007/s10853-005-1623-6

343. Baibarac M., Gomez-Romero P., J. Nanosci. Nanotechnol., 6, 2006, 289. https://doi.org/10.1166/jnn.2006.903

344. Liu P. i in., Electrochem. Solid State Lett., 7, 2004, A421. https://doi.org/10.1149/1.1803071

345. Rosolen J. M. i in., J. Power Sources, 162, 2006, 620. https://doi.org/10.1016/j.jpowsour.2006.06.087

346. Lota G. i in., Energy Environ. Sci., 4, 2011, 1592. https://doi.org/10.1039/c0ee00470g

347. Pan H. i in., Nanoscale Res. Lett., 5, 2010, 654. https://doi.org/10.1007/s11671-009-9508-2

348. Sivakkumar S. R. i in., Electrochim. Acta, 52, 2007, 7377. https://doi.org/10.1016/j.electacta.2007.06.023

349. Li Q. i in., J. Power Sources, 196, 2011, 565.

350. Hou Y. i in., Nano Letters, 10, 2010, 2727. https://doi.org/10.1021/nl101723g

351. Hulicova D. i in., Chem. Mater., 17, 2005, 1241. https://doi.org/10.1021/cm049337g

352. Hulicova-Jurcakova D. i in., Adv. Funct. Mater., 19, 2009, 1800. https://doi.org/10.1002/adfm.200801100

353. Beguin F. i in., Adv. Mater., 17, 2005, 2380. https://doi.org/10.1002/adma.200402103

354. Lota G. i in., Electrochem. Commun., 9, 2007, 1828. https://doi.org/10.1016/j.elecom.2007.04.015

355. Yun Y. S. i in., Materials, 5, 2012, 1258. https://doi.org/10.3390/ma5071258

356. Fan Z. i in., Adv. Mater., 22, 2010, 3723.

357. Frackowiak E., Chem. Phys., 9, 2007, 1774. https://doi.org/10.1039/b618139m

358. Mock P., Schmid S. A., J. Power Sources, 190, 2009, 133. https://doi.org/10.1016/j.jpowsour.2008.10.123

359. Barbir F., Yazici S., Int. J. Energy Res., 32, 2008, 369. https://doi.org/10.1002/er.1371

360. Schweiss R. i in., J. Power Sources, 220, 2012, 79. https://doi.org/10.1016/j.jpowsour.2012.07.078

361. Jung G. B. i in., Appl. Energy, 101, 2013,457. https://doi.org/10.1016/j.apenergy.2012.08.045

362. Liu Y. H. i in., Electrochem. Solid-State Lett., 9, 2006, A356. https://doi.org/10.1149/1.2203230

363. Thomassin J. M. i in., J. Membr. Sci., 303, 2007, 252.

364. Chen W. F. i in., Chem. Mater., 20, 2008, 5756. https://doi.org/10.1021/cm8001354

365. Kannan R., Angew. Chem., Int. Ed., 47, 2008, 2653. https://doi.org/10.1002/anie.200704343

366. Kannan R. i in., Langmuir, 25, 2009, 8299. https://doi.org/10.1021/la9005218

367. Liu Y. L. i in., J. Mater. Chem., 20, 2010, 4409. https://doi.org/10.1039/c000099j

368. Liu H. S. i in., J. Power Sources, 155, 2006, 95. https://doi.org/10.1016/j.jpowsour.2006.01.030

369. Yoo E. i in., Nano Letters, 9, 2009, 2255. https://doi.org/10.1021/nl900397t

370. Zhou J. G. i in., Chem. Phys. Lett., 437, 2007, 229.

371. Zhou Y. K. i in., Energy Environ. Sci., 3, 2010, 1437.

372. Shao Y. Y. i in., J. Power Sources, 161, 2006, 47. https://doi.org/10.1016/j.jpowsour.2006.03.064

373. Li W. Z. i in., J. Phys. Chem. B, 107, 2003, 6292. https://doi.org/10.1021/jp022505c

374. Wang C. i in., Nano Letters, 4, 2004, 345. https://doi.org/10.1021/nl034952p

375. Shao Y. Y. i in., J. Electrochem. Soc., 153, 2006, A1093. https://doi.org/10.1149/1.2191147

376. Wu G., Xu B. Q., J. Power Sources, 174, 2007, 148. https://doi.org/10.1016/j.jpowsour.2007.08.024

377. Tang Y. W. i in., Chem. J. Chinese Universities, 28, 2007, 936.

378. Li W. Z. I in., J. Phys. Chem. B, 110, 2006, 15353. https://doi.org/10.1021/jp0623443

379. Chen Z. i in., ECS Trans., 11, 2007, 1289.

380. Shanmugam S., Gedanken A., Electrochem. Commun., 8, 2006, 1099. https://doi.org/10.1016/j.elecom.2006.05.001

381. Shao Y. Y. i in., J. Nanosci. Nanotechnol., 9, 2009, 5811.

382. Haa B., Han O. H., J. Power Sources, 223, 2013, 246. https://doi.org/10.1016/j.jpowsour.2012.09.065

383. Yuan D. i in., Nano Letters, 8, 2008, 2576. https://doi.org/10.1021/nl801007r

384. Yang G. i in., J. Power Sources, 222, 2013, 340. https://doi.org/10.1016/j.jpowsour.2012.08.074

385. Frackowiak E. i in., Electrochem. Commun., 8, 2006, 129. https://doi.org/10.1016/j.elecom.2005.10.015

386. Sun X. i in., Chem. Phys. Lett., 379, 2003, 99.

387. Dicks A. L., J. Power Sources, 156, 2006, 128. https://doi.org/10.1016/j.jpowsour.2006.02.054

388. Girishkumar G. i in., J. Phys. Chem. B, 108, 2004, 19960. https://doi.org/10.1021/jp046872v

389. Liu Z. i in., Langmuir, 20, 2004, 181. https://doi.org/10.1021/la035204i

390. He Z. i in., Mater. Chem. Phys., 85, 2004, 396.

391. He Z. i in., Diamond Relat. Mater., 13, 2004, 1764. https://doi.org/10.1016/j.diamond.2004.03.004

392. Guo D. J., Li H. L. L., J. Electroanal. Chem., 573, 2004, 197. https://doi.org/10.1016/j.jelechem.2004.07.006

393. Planeix J. M. i in., J. Am. Chem. Soc., 116, 1994, 7935. https://doi.org/10.1021/ja00096a076

394. Yang J. i in., Chem. Commun., 3, 2008, 329. https://doi.org/10.1039/B713096A

395. Tang H. i in., Carbon, 42, 2004, 191. https://doi.org/10.1016/j.carbon.2003.10.023

396. Zhang H. B. i in., Catal. Surv. Asia, 13, 2009, 41. https://doi.org/10.1007/s10563-009-9066-8

397. Gong K. i in., Science, 323, 2009, 760. https://doi.org/10.1126/science.1168049

398. Yahiro A.T. i in., Biochim. Biophys. Acta, 88, 1964, 375. https://doi.org/10.1016/0926-6577(64)90192-5

399. Hu L. i in., Chem. Rev., 110, 2010, 5790. https://doi.org/10.1021/cr9002962

400. Fuchsberger K. i in., Small, 7, 2011, 524. https://doi.org/10.1002/smll.201001640

401. Gooding J.J., Electrochim. Acta, 50, 2005, 3049. https://doi.org/10.1016/j.electacta.2004.08.052

402. Hughes M. i in., Chem. Mater., 14, 2002, 1610. https://doi.org/10.1021/cm010744r

403. Vigolo B. i in., Science, 290, 2000, 1331. https://doi.org/10.1126/science.290.5495.1331

404. Gao F. i in., Nat. Commun., 1, 2010, 2. https://doi.org/10.1038/ncomms1000

405. Cosnier S. i in., J. Electroanal. Chem., 433, 1997, 113. https://doi.org/10.1016/S0022-0728(97)00207-6

406. Baur J. i in., Int. J. Hydrogen Energy, 36, 2011, 12096. https://doi.org/10.1016/j.ijhydene.2011.06.122

407. Rincón R. A. i in., Electrochim. Acta, 56, 2011, 2503. https://doi.org/10.1016/j.electacta.2010.11.041

408. Chen C. i in., Biosens. Bioelectron., 26, 2011, 2311.

409. Mousty C., Anal. Bioanal. Chem., 396, 2010, 315. https://doi.org/10.1007/s00216-009-3274-y

410. Shan D. i in., Anal. Lett., 36, 2003, 909. https://doi.org/10.1007/s00129-003-1436-0

411. Zhao H.Y., Biosens. Bioelectron., 25, 2009, 463.

412. Nazaruk E. i in., Anal. Bioanal. Chem., 398, 2010, 1651. https://doi.org/10.1007/s00216-010-4012-1

413. Le Goff A. i in., J. Electroanal. Chem., 641, 2010, 57.

414. Haddad R. i in., Carbon, 49, 2011, 2571. https://doi.org/10.1016/j.carbon.2011.02.049

415. Haddad R. i in., Electrochim. Acta, 55, 2010, 7800. https://doi.org/10.1016/j.electacta.2010.03.021

416. Feng W., Ji P., Biotechnol. Adv., 29, 2011, 889. https://doi.org/10.1016/j.biotechadv.2011.07.007

417. Guiseppi-Elie A. i in., Nanotechnology, 13, 2002, 559. https://doi.org/10.1088/0957-4484/13/5/303

418. Liu J. i in., Electroanalysis, 17, 2005, 38. https://doi.org/10.1002/elan.200403116

419. Patolsky F. i in., Angew. Chem., Int. Ed., 43, 2004, 2113. https://doi.org/10.1002/anie.200353275

420. Vaze A. i in., Electrochem. Commun., 11, 2009, 2004. https://doi.org/10.1016/j.elecom.2009.08.039

421. Cai C., J. Chen. Anal. Biochem., 325, 2004, 285. https://doi.org/10.1016/j.ab.2003.10.040

422. Gooding J. J. i in., J. Am. Chem. Soc., 125, 2003, 9006. https://doi.org/10.1021/ja035722f

423. Wang L. i in., Electroanalysis, 16, 2004, 627. https://doi.org/10.1002/elan.200302849

424. Alonso-Lomillo M. A. i in., Nano Letters, 7, 2007, 1603. https://doi.org/10.1021/nl070519u

425. Lojou E. i in., J. Biol. Inorg. Chem., 13, 2008, 1157. https://doi.org/10.1007/s00775-008-0401-8

426. Luo X. i in., J. Biol. Inorg. Chem., 14, 2009, 1275. https://doi.org/10.1007/s00775-009-0572-y

427. Yan Y. i in., Adv. Mater., 18, 2006, 2639. https://doi.org/10.1002/adma.200600028

428. Yan Y. M. i in., Chem. Eur. J., 13, 2007, 10168. https://doi.org/10.1002/chem.200700806

429. Deng L. i in., Electrochem. Commun., 10, 2008, 1012. https://doi.org/10.1055/s-2008-1078181

430. Li X. i in., Electrochem. Commun., 10, 2008, 851. https://doi.org/10.1111/j.1463-1318.2008.01528a.x

431. Saleh F. S. i in., Sens. Actuators B, 152, 2011, 130. https://doi.org/10.1016/j.snb.2010.07.054

432. Miyake T. i in., J. Am. Chem. Soc., 133, 2011, 5129. https://doi.org/10.1021/ja111517e

433. Zebda A. i in., Nat. Commun., 2, 2011, 370. https://doi.org/10.1038/ncomms1365

434. Holzinger M. i in., Electrochimica Acta, 82, 2012, 179. https://doi.org/10.1016/j.electacta.2011.12.135

435. de las Casas C., Li W., J. Power Sources, 208, 2012, 74. https://doi.org/10.1016/j.jpowsour.2012.02.013

436. Dong Q. F. i in., Solid State Ionics, 167, 2004, 49. https://doi.org/10.1016/j.ssi.2004.01.007

437. Chan C. i in., Nature Nanotechnol., 3, 2008, 31.

438. Cui L. i in., Nano Letters, 9, 2009, 3370. https://doi.org/10.1021/nl901670t

439. Shu J. i in., Electrochem. Commun., 8, 2006, 51.

440. Huang L. i in., Electrochem. Commun., 11, 2009, 950.

441. Jhan Y. i in., J. Power Sources, 193, 2009, 810. https://doi.org/10.1016/j.jpowsour.2009.03.072

442. Yue H. i in., Mater. Lett., 62, 2008, 3388. https://doi.org/10.1016/j.matlet.2008.03.014

443. Wang G. i in., Electrochem. Commun., 11, 2009, 546.

444. Yan J. M. i in., J. Power Sources, 175, 2008, 547. https://doi.org/10.1016/j.jpowsour.2007.06.074

445. Lee J. H. i in., J. Power Sources, 194, 2009, 520. https://doi.org/10.1016/j.jpowsour.2009.04.045

446. Yan J. i in., Electrochim. Acta, 53, 2008, 6351. https://doi.org/10.1016/j.electacta.2008.04.048

447. Yuan L. i in., J. Power Sources, 189, 2009, 1141. https://doi.org/10.1016/j.jpowsour.2008.12.149

448. Yang S. i in., Electrochim. Acta, 52, 2007, 5286. https://doi.org/10.1016/j.electacta.2007.02.049

449. Yang S. i in., Electrochim. Acta, 53, 2008, 2238. https://doi.org/10.1016/j.electacta.2007.09.040

450. Mi C. H. i in., J. Electroanal. Chem., 562, 2004, 217. https://doi.org/10.1016/j.jelechem.2003.09.004

451. Nishidate K., Hasegawa M., Phys. Rev. B, 71, 2005, 2454181. https://doi.org/10.1103/PhysRevB.71.245418

452. Garau C. i in., Chem. Phys. Lett., 374, 2003, 548. https://doi.org/10.1016/S0009-2614(03)00748-6

453. Garau C. i in., Chem. Phys. Lett., 392, 2004, 85.

454. Fagan S. B. i in., Microelectron. J., 36, 2005, 499. https://doi.org/10.1016/j.mejo.2005.02.059

455. Liu Y. i in., Comput. Mater. Sci., 30, 2004, 50.

456. Yang S. i in., Electrochim. Acta, 53, 2008, 2238. https://doi.org/10.1016/j.electacta.2007.09.040

457. Kumar T. P. i in., Electrochem. Commun., 6, 2004, 520.

458. Kawasaki S. i in., Mater. Lett., 62, 2008, 2917. https://doi.org/10.1016/j.matlet.2008.01.088

459. Yang Z.H., Wu H.Q., Solid State Ionics, 143, 2001, 173. https://doi.org/10.1016/S0167-2738(01)00852-9

460. Yang Z. H. i in., Diamond Relat. Mater., 13, 2004, 99.

461. Lin K. i in., Mater. Chem. Phys., 99, 2006, 190.

462. Yang Z. H. i in., Mater. Chem. Phys., 89, 2005, 295.

463. Chew S. Y. i in., Carbon, 47, 2009, 2976. https://doi.org/10.1016/j.carbon.2009.06.045

464. Reddy A. L. M. i in., Nano Letters, 9, 2009, 1002. https://doi.org/10.1021/nl803081j

465. Xia H. i in., J. Mater. Chem., 20, 2010, 689. https://doi.org/10.1039/B915578C

466. Zhang H. X. i in., Adv. Mater., 21, 2009, 2299.

467. Ahn D. i in., J. Power Sources, 212, 2012, 66. https://doi.org/10.1016/j.jpowsour.2012.03.075

468. Seo S. D. i in., RSC Adv., 2, 2012, 3315. https://doi.org/10.1039/c2ra00943a

469. Noerochim L. i in., Carbon, 50, 2012, 1289. https://doi.org/10.1016/j.carbon.2011.10.049

470. Gohier A. i in., Adv. Mater., 24, 2012, 2592. https://doi.org/10.1002/adma.201104923

471. Kang K. Y. i in., Mater. Chem. Phys., 137, 2012, 169.

472. Ryu W. H. i in., Electrochim. Acta, 61, 2012, 19.

473. Ni H. , Fan L. Z., J. Power Sources, 214, 2012, 195. https://doi.org/10.1016/j.jpowsour.2012.04.074

474. Zhou G. i in., J. Mater. Chem., 22, 2012, 17942. https://doi.org/10.1039/c2jm32893c

475. Li J. i in., RSC Adv., 2, 2012, 4205. https://doi.org/10.1039/c2ra20071f

476. Ko S. i in., Adv. Mater., 24, 2012, 4451. https://doi.org/10.1002/adma.201201821

477. Xia H. i in., J. Power Sources, 212, 2012, 28. https://doi.org/10.1016/j.jpowsour.2012.03.079

478. Wang Z. H. i in., Mater. Lett., 80, 2012, 110.

479. Chen J. i in., Chem. Mater., 19, 2007, 3595. https://doi.org/10.1021/cm070991g

480. Zhou J. i in., J. Mater. Chem., 20, 2010, 2794. https://doi.org/10.1039/b926576g

481. Kang C. i in., J. Power Sources, 219, 2012, 364. https://doi.org/10.1016/j.jpowsour.2012.07.050

482. Ding Y. i in., Mater. Lett., 68, 2012, 197. https://doi.org/10.1016/j.matlet.2011.10.090

483. Luo S. i in., Adv. Mater., 24, 2012, 2294. https://doi.org/10.1002/adma.201104720

484. Chen M. i in., J. Power Sources, 223, 2013, 100. https://doi.org/10.1016/j.jpowsour.2012.09.040

485. Zhou X. i in., Electrochim. Acta, 74, 2012, 32. https://doi.org/10.1016/j.electacta.2012.04.048

486. Chen X. i in., ACS Nano, 6, 2012, 7948. https://doi.org/10.1021/nn302417x

487. Ahn W. i in., J. Power Sources, 202, 2012, 394. https://doi.org/10.1016/j.jpowsour.2011.11.074

488. Liu X. M. i in., Compos. Sci. Technol., 72, 2012,121.

489. Gupta N. i in., J. Solid State Electrochem., 16, 2012, 1585. https://doi.org/10.1007/s10008-011-1559-5

490. Yoon T. H., Park Y. J., Nanoscale Res. Lett., 7, 2012, 1. https://doi.org/10.1186/1556-276X-7-28

491. Chen Z. i in., Nano Letters, 12, 2012, 1946. https://doi.org/10.1021/nl2044327

492. Tsai P. i in., Int. J. Hydrogen Energy, 37, 2012, 3491. https://doi.org/10.1016/j.ijhydene.2011.10.110

493. Ansari M. N. M. i in., 2011 NSTI Nanotechnology Conference and Expo, NSTI-Nanotech, 2011, t. 3, s. 244.

494. Wei G. i in., J. Power Sources, 220, 2012, 185. https://doi.org/10.1016/j.jpowsour.2012.07.081

495. Li Y. i in., Electrochim. Acta, 81, 2012, 20. https://doi.org/10.1016/j.electacta.2012.07.060

496. Endo M. i in., w Carbons for Electrochemical Energy Storage and Conversion Systems (red. Beguin F., Frackowiak E.), CRC Press, Boca Raton, USA 2010, ss. 469-507.

497. Zhang Y. i in., Electrochim. Acta, 51, 2006, 4994. https://doi.org/10.1016/j.electacta.2006.01.043

498. Sandler J. K. W. i in., Polymer, 44, 2003, 5893. https://doi.org/10.1016/S0032-3861(03)00539-1

499. Liu Y., Gao L., Carbon, 43, 2005, 47. https://doi.org/10.1016/j.carbon.2004.08.019

500. Jiang L., Gao L., J. Mater. Chem., 15, 2005, 260. https://doi.org/10.1039/B409682G

501. Fujigaya T. i in., Adv. Mater., 20, 2008, 2151. https://doi.org/10.1002/adma.200701780

502. Oliva-Avilés A. I. i in., Carbon, 49, 2011, 2989. https://doi.org/10.1016/j.carbon.2011.03.017

503. Díez-Pascual A. M. i in., Carbon, 49, 2011, 2817. https://doi.org/10.1016/j.carbon.2011.03.011

504. Munoz E. i in., Adv. Mater., 17, 2005, 1064.

505. Wang W. i in., J. Am. Chem. Soc., 130, 2008, 1415. https://doi.org/10.1021/ja0768035

506. Ji L. i in., Carbon, 47, 2009, 2733. https://doi.org/10.1016/j.carbon.2009.05.031

507. Liu K. i in., ACS Nano, 4, 2010, 5827. https://doi.org/10.1021/nn1017318

508. Huang Q., Gao L., J. Mater. Chem., 14, 2004, 2536. https://doi.org/10.1039/b404834b

509. Yang K. i in., Carbon, 47, 2009, 1723. https://doi.org/10.1016/j.carbon.2009.02.029

510. Xiong J. i in., Carbon, 44, 2006, 2701. https://doi.org/10.1016/j.carbon.2006.04.005

511. Lau K. T., Hui D., Composites Part B, 33, 2002, 263. https://doi.org/10.1016/S1359-8368(02)00012-4

512. Demczyk B. G. i in., Mater. Sci. Eng. A, 334, 2002, 173. https://doi.org/10.1016/S0921-5093(01)01807-X

513. Coleman J. N. i in., Adv. Mater., 18, 2006, 689. https://doi.org/10.1002/adma.200501851

514. Samal S. S., Bal S., J. Miner. Mater. Character. Eng., 7, 2008, 355. https://doi.org/10.4236/jmmce.2008.74028

515. Tai N. H. i in., Carbon, 42, 2004, 2735. https://doi.org/10.1016/j.carbon.2004.05.035

516. Hou Y. i in., ACS Nano, 3, 2009, 1057. https://doi.org/10.1021/nn9000512

517. Shim B. S. i in., ACS Nano, 3, 2009, 1711. https://doi.org/10.1021/nn9002743

518. Qian H. i in., J. Mater. Chem., 20, 2010, 4751. https://doi.org/10.1039/c000041h

519. Ma W. i in., Nano Letters, 9, 2009, 2855.

520. Weisenberger M. C. i in., J. Nanosci. Nanotechnol., 3, 2003, 535. https://doi.org/10.1166/jnn.2003.239

521. Nan C. W. i in., Chem. Phys. Lett., 375, 2003, 666. https://doi.org/10.1016/S0009-2614(03)00956-4

522. Zarudi I., Zhang L.C., Appl. Phys. Lett., 88, 2006, 243102. https://doi.org/10.1063/1.2212063

523. Delmotte J. P., Rubio A., Carbon, 40, 2002, 1729. https://doi.org/10.1016/S0008-6223(02)00012-X

524. Zhu J. i in., Adv Func. Mater., 14, 2004, 643.

525. Dalton A. B. i in., Nature, 423, 2003, 703. https://doi.org/10.1038/423703a

526. Ruan S. L. i in., Polymer, 44, 2003, 5643. https://doi.org/10.1016/S0032-3861(03)00628-1

527. Velasco-Santos C. i in., Nanotechnology, 13, 2002, 495. https://doi.org/10.1088/0957-4484/13/4/311

528. Liu L., Wagner H. D., Compos. Sci. Technol., 65, 2005, 1861. https://doi.org/10.1016/j.compscitech.2005.04.002

529. Zhao C. i in., Polymer, 46, 2005, 5125. https://doi.org/10.1016/j.polymer.2005.04.065

530. Bhattacharyya S. i in., Appl. Phys. Lett., 86, 2005, 113104. https://doi.org/10.1063/1.1883725

531. Kang M. i in. Polymer, 47, 2006, 3961. https://doi.org/10.1016/j.polymer.2006.03.073

532. Yan D., Yang G., J. Appl. Polym. Sci., 112, 2009, 3620. https://doi.org/10.1002/app.29783

533. Zhang W. i in., Adv. Mater., 18, 2006, 452. https://doi.org/10.1002/adma.200501777

534. Yaping Z.; i in., Mater. Sci. Eng. A, 435-436, 2006, 145. https://doi.org/10.1016/j.msea.2006.07.106

535. Bhattacharyya S. i in., Appl. Phys. Lett., 88, 2006, 233119. https://doi.org/10.1063/1.2209187

536. Seo M. K, Park S. J., Chem. Phys. Lett., 395, 2004, 44. https://doi.org/10.1016/j.cplett.2004.07.047

537. Cooper C. A. i in., Compos. Sci. Technol., 62, 2002, 1105.

538. Tatro S. R. i in., Polymer, 45, 2004, 1971. https://doi.org/10.1016/j.polymer.2004.01.012

539. Putz K. W. i in., J. Polym. Sci. B, 42, 2004, 2286. https://doi.org/10.1002/polb.20073

540. Dufresne A. i in., J. Mater. Sci., 37, 2002, 3915. https://doi.org/10.1023/A:1019659624567

541. Velasco-Santos C. i in., J. Phys. D., Appl. Phys., 36, 2003, 1423. https://doi.org/10.1088/0022-3727/36/12/311

542. Wong M. i in., Polymer, 44, 2003, 7757. https://doi.org/10.1016/j.polymer.2003.10.011

543. Wei Z. i in., Surf. Interface Anal., 38, 2006, 883. https://doi.org/10.1002/sia.2148

544. Velasco-Santos C., Ph. D. Thesis, Universidad Autónoma de Querétaro, CFATA UNAM, México, 2003.

545. Velasco-Santos C. i in., Carbon Nanotube Polymer Composites International Conference, Hamburg, Germany 2005, s. 81.

546. Velasco-Santos C. i in., w Focus on Nanotubes Research (red. Martin D. A.), Nova Science Publishers Inc., 2006, t. I, s. 97.

547. Velasco-Santos C. i in., w. New Topics in Nanotechnology Research (red. Ginobili M. F.), Nova Science Publishers Inc., 2007, t. I, s. 117.

548. Rul S. i in., Acta Materialia, 52, 2004, 1061. https://doi.org/10.1016/j.actamat.2003.10.038

549. Thostenson E. T. i in., Compos. Sci. Technol., 61, 2001, 1899. https://doi.org/10.1016/S0266-3538(01)00094-X

550. Piegney A. i in., Ceram. Int., 26, 2000, 677. https://doi.org/10.1177/0095327X0002600414

551. Curtin W. A., Sheldon B. W., Mater. Today, 7, 2004, 44. https://doi.org/10.1016/S1369-7021(04)00508-5

552. White A. A. i in., Appl. Ceram. Technol., 4, 2007, 1.

553. Gan L. H., Kuo C. K., J. Chem. Mater., 6, 2001, 1722.

554. Peigney A. i in., J. Eur. Ceram. Soc., 18, 1998, 1995.

555. Laurent C. i in., J. Eur. Ceram. Soc., 18, 1998, 2005.

556. Zhan G. D. i in., Nature Mater., 2, 2003, 38. https://doi.org/10.1038/nmat793

557. Sun J. i i n., Chem. Mater., 12, 2002, 5169. https://doi.org/10.1021/cm020736q

558. Ma R. Z. i in., Mater. Sci., 33, 1998, 5243. https://doi.org/10.1023/A:1004492106337

559. Kuzumaki T.i in., J. Mater. Res., 13, 1998, 2445. https://doi.org/10.1557/JMR.1998.0340

560. Salas W. i in., Met. Mater. Trans. A, 38, 2007, 2928. https://doi.org/10.1007/s11661-007-9336-x

561. Laha T. i in., Mater. Sci. Eng. A, 381, 2004, 249. https://doi.org/10.1016/j.msea.2004.04.014

562. Laha T. i in., J. Nanosci. Nanotechnol., 7, 2007, 1. https://doi.org/10.1166/jnn.2007.114

563. Laha T. i in., Composites A, 40, 2009, 589. https://doi.org/10.1016/j.compositesa.2009.02.007

564. Laha T., Agarwal A., Mater. Sci. Eng. A, 480, 2008, 323. https://doi.org/10.1016/j.msea.2007.07.047

565. Bakshi S. R. i in., Surf. Coat. Technol., 203, 2009, 1544. https://doi.org/10.1016/j.surfcoat.2008.12.004

566. Bakshi S. R. i in., Surf. Coat. Technol., 202, 2008, 5162. https://doi.org/10.1016/j.surfcoat.2008.05.042

567. He C. i in., Adv. Mater., 19, 2007, 1128.

568. Shurong D, Xiaobin Z., Trans. Nonfer. Met. Soc. China, 19, 1999, 1.

569. Dong S. R. i in., Mater. Sci. Eng. A, 313, 2001, 83.

570. Chen W. X. i in., Carbon, 41, 2003, 15. https://doi.org/10.1016/S0008-6223(02)00261-0

571. Tu J. P. i in., Tribol. Lett., 10, 2001, 225. https://doi.org/10.1023/A:1016662114589

572. Chen X. H. i in., Trans. Nonfer. Met. Soc. China, 15, 2005, 314.

573. Kim K. T. in., Mater. Res. Soc. Symp. Proc., 821, 2004, 3.25.21.

574. Kim K. T. i in., Mater. Sci. Eng. A, 430, 2006, 27.

575. Cha S. I. i in., Adv. Mater., 17, 2005, 1377.

576. Chen X. i in., Adv. Eng. Mater., 5, 2003, 514. https://doi.org/10.1002/adem.200300348

577. Chen C. S. i in., Diamond Relat. Mater., 15, 2006, 151. https://doi.org/10.1016/j.diamond.2005.10.054

578. Chen W. X. i in., Mater. Lett., 57, 2003, 1256. https://doi.org/10.1016/S0167-577X(02)00968-0

579. Chao T. Y. i in., J. Electrochem. Soc., 153, 2006, 98. https://doi.org/10.1149/1.2133324

580. Shen G. R. i in., IEEE Trans. Nanotech., 4, 2005, 539. https://doi.org/10.1109/TNANO.2005.851397

581. Sinian L. i in., Mater. Sci. Forum, 488, 2005, 839. https://doi.org/10.4028/www.scientific.net/MSF.488-489.839

582. Morisada Y. i in., Mater. Sci. Eng. A, 416, 2006, 344.

583. Chen D. i in., J. Alloys Compd., 372, 2004, 231. https://doi.org/10.1016/j.jallcom.2003.08.104

584. Kuzumaki T. i in., Adv. Eng. Mater., 2, 2000, 1438. https://doi.org/10.1002/1527-2648(200007)2:7<416::AID-ADEM416>3.0.CO;2-Y

585. Zeng Q. i in., Mater. Sci. Forum, 561-565, 2007, 655. https://doi.org/10.4028/www.scientific.net/MSF.561-565.655

586. Hsu C. F., Lee P. Y., Mater. Sci. Forum, 534-536, 2007, 865. https://doi.org/10.4028/www.scientific.net/MSF.534-536.865

587. Hsu C. F. i in., Adv. Eng. Mater., 10, 2008, 1053. https://doi.org/10.1002/adem.200800115

588. Bian Z. i in., Appl. Phys. Lett., 81, 2002, 4739.

589. Bian Z. i in., Adv. Func. Mater., 14, 2004, 55. https://doi.org/10.1002/adfm.200304422

590. Nai S. M. L. i in., J. Elec. Mater., 35, 2006, 1518. https://doi.org/10.1007/s11664-006-0142-9

591. Nai S. M. L. i in., Mater. Sci. Eng. A, 423, 2006, 166. https://doi.org/10.1016/j.msea.2005.10.072

592. Kumar K. M. i in., J. Alloys Compd., 450, 2008, 229. https://doi.org/10.1016/j.jallcom.2006.10.123

593. Feng Y. i in., Mater. Charact., 55, 2005, 211.

594. Pang L. X. i in., J. Compos. Mater., 41, 2007, 2025. https://doi.org/10.1177/0021998307074122

595. Pang L. X. i in., Mater. Sci. Eng. A, 447, 2007, 146.

596. Tang Y. i in., Carbon, 42, 2004, 3260. https://doi.org/10.1016/j.carbon.2004.07.024

597. Deng C. F. i in., Mater. Lett., 62, 2008, 2301. https://doi.org/10.1016/j.matlet.2007.11.086

598. Goh C. S. i in., Nanotechnology, 17, 2006, 7. https://doi.org/10.1088/0957-4484/17/1/002

599. Bakshi S. R. i in., Int. Mater. Rev., 55, 2010, 41. https://doi.org/10.1179/095066009X12572530170543

600. Thostenson E. T., Chou T. W., Adv. Mater., 18, 2006, 2837. https://doi.org/10.1002/adma.200600977

601. Rupesh Khare, Suryasarathi Bose, J. Miner. Mater. Character. Eng., 4, 2005, 31.

602. Subhranshu Sekhar Samal, Smrutisikha Bal, J. Miner. Mater. Character. Eng., 7, 2008, 355.

603. Miyagawa H. i in., J. Nanosci. Nanotech., 5, 2005, 1593. https://doi.org/10.1166/jnn.2005.181

604. Salvetat J. P., Pipes B. R., J. Nanosci. Nanotech., 6, 2006, 1857. https://doi.org/10.1166/jnn.2006.305

605. Takashi I., Adv. Compos. Mater., 15, 2006, 3.

606. Xie X. L. i in., Mater. Sci. Eng. R, 49, 2005, 89.

607. Coleman J. N. i in., Carbon, 44, 2006, 1624. https://doi.org/10.1016/j.carbon.2006.02.038

608. Lau K. Y., Hui D., Composites B, 37, 2006, 437. https://doi.org/10.1016/j.compositesb.2006.02.008

609. Bokobza L., Polymer, 48, 2007, 4907. https://doi.org/10.1016/j.polymer.2007.06.046

610. Bakshi S. R. i in., Int. Mater. Rev., 55, 2010, 41.

611. Martínez-Hernández A. L. i in., Cur. Nanosci., 6, 2010, 12. 612. Smith J., http://www.tireview.com.

613. Huang H. M. i in., J. Polym. Sci. Part. A: Polym. Chem., 42, 2004, 5802. https://doi.org/10.1002/pola.20424

614. Zhang W. D. i in., Macromolecules, 37, 2004, 256. https://doi.org/10.1021/ma035594f

615. Jung Y. C. i in., Macromol. Rapid Commun., 27, 2006, 126. https://doi.org/10.1002/marc.200500658

616. Cadek M. i in., Nano Letters, 4, 2004, 353. https://doi.org/10.1021/nl035009o

617. Haggenmueller R. i in., Chem. Phys. Lett., 330, 2000, 219. https://doi.org/10.1016/S0009-2614(00)01013-7

618. Andrews R., Weisenberger M. C., Curr. Opinion Solid State Mater. Sci., 8, 2004, 31. https://doi.org/10.1016/j.cossms.2003.10.006

619. Rahul S. i in., Nano. Letters, 4, 2004, 459.

620. Gommans H. H. i in., J. Appl. Phys., 88, 2000, 2509. https://doi.org/10.1063/1.1287128

621. Jimenez G. A., Jana S. C., Annual Technical Conference - ANTEC, Society of Plastics Engineers Annual Technical Conference: Plastics Encounter at ANTEC 2007, Cincinnati, USA, t. 1, s. 18.

622. Gunes I. S. i in., Polymer, 49, 2008, 2223. https://doi.org/10.1016/j.polymer.2008.03.021

623. Koerner H. i in., Nature Mater., 3, 2004, 115. https://doi.org/10.1038/nmat1059

624. Ni Q. Q, i in., Compos. Struct., 81, 2007, 176.

625. Mondal S., Hu J. L., Iran Polym. J., 15, 2006, 135.

626. Meng Q. H. i in., J. Membrane Sci., 319, 2008, 102. https://doi.org/10.1016/j.memsci.2008.03.032

627. Miaudet P. i in., Science, 318, 2007, 1294. https://doi.org/10.1126/science.1145593

628. Meng Q, Hu J., Composites: Part A, 40, 2009, 1661. https://doi.org/10.1016/j.compositesa.2009.08.011

629. Rozhin A. G. i in., Chem. Phys. Lett., 405, 2005, 288. https://doi.org/10.1016/j.cplett.2005.02.049

630. Rozhin A. G. i in., Phys. Stat. Sol. B, 243, 2006, 3551. https://doi.org/10.1002/pssb.200669151

631. Tausenev A. V. i in., Quantum Electron., 37, 2007, 205. https://doi.org/10.1070/QE2007v037n03ABEH013520

632. Sakakibara Y. i in., Jpn. J. Appl. Phys. Part 1, 44, 2005, 1621. https://doi.org/10.1143/JJAP.44.1621

633. Rozhin A. G. i in., Appl. Phys. Lett., 88, 2006, 051118. https://doi.org/10.1063/1.2172398

634. Scardaci V. i in., Phys. E, 37, 2007, 115. https://doi.org/10.1016/j.physe.2006.08.001

635. Della Valle G. i in., Appl. Phys. Lett., 89, 2006, 231115. https://doi.org/10.1063/1.2403912

636. Scardaci V. i in., Adv. Mater., 20, 2008, 4040. https://doi.org/10.1002/adma.200800935

637. Peng H. i in., Nature Nanotechnol., 4, 2009, 738.

638. Wang W. D. i in., J. Mol. Catal. A, Chem., 235, 2005, 194.

639. Pyrgiotakis G. i in., "Advanced Photocatalysis with Anatase Nano-Coated Multi-Walled Carbon Nanotubes", wykład na MRS Spring Meeting, San Francisco, USA 2005. https://doi.org/10.1557/PROC-876-R5.7

640. Yu Y. i in., Appl. Catal. B., Environ., 61, 2005, 1.

641. Yu Y. i in., Appl. Catal. A., Gen., 289, 2005, 186.

642. Woan K. i in., Adv. Mater., 21, 2009, 2233. https://doi.org/10.1002/adma.200802738

643. Lee S. H. i in., Colloids Surf B, 40, 2005, 93. https://doi.org/10.1016/j.colsurfb.2004.05.005

644. Krishna V. i in., Process Saf. Environ. Prot., 83, 2005, 393.

645. Sigmund W. i in., J. Am. Ceram. Soc., 89, 2006, 395.

646. Hashimoto K. i in., Jpn. J. Appl. Phys., 44, 2005, 8269. https://doi.org/10.1143/JJAP.44.8269

647. Li J. i in., Nano Letters, 3, 2003, 929. https://doi.org/10.1021/nl034220x

648. Lee Y. D. i in., Chem. Phys. Lett., 433, 2006, 105.

649. Suehiro J. i in., J. Phys. D, 36, 2003, L109. https://doi.org/10.1088/0022-3727/36/21/L01

650. Huang C. S. i in., Diamond Relat. Mater., 14, 2005, 1872. https://doi.org/10.1016/j.diamond.2005.09.006

651. Jang Y. T. i in., Sens. Actuators B, 99, 2004, 118. https://doi.org/10.1016/j.snb.2003.11.004

652. Tabib M., Xie Y., IEEE Sensors J., 7, 2007, 1435. https://doi.org/10.1109/JSEN.2007.904854

653. Ding D. i in., Sens. Actuators, 124, 2007, 12. https://doi.org/10.1016/j.snb.2006.11.034

654. Wang Y., Yeow J. T. W., J. Sensors, 2009, https://doi.org/10.1155/2009/493904

655. Williams K. A., Eklund P. C., Chem. Phys. Lett., 320, 2000, 352. https://doi.org/10.1016/S0009-2614(00)00225-6

656. Stan G., Cole M. W., J. Low Temp. Phys., 110, 1998, 539. https://doi.org/10.1023/A:1022558800315

657. Collins P. G. i in., Science, 287, 2000, 1801. https://doi.org/10.1126/science.287.5459.1801

658. Peng S., Cho K., Nano Letters, 3, 2003, 513. https://doi.org/10.1021/nl034064u

659. Valentini L. i in., Chem. Phys. Lett., 387, 2004, 356.

660. Zhang J. i in., Appl. Phys. Lett., 88, 2006, 123112. https://doi.org/10.1063/1.2187510

661. Bondavalli P. i in., J. Exp. Nanosci., 3, 2008, 347. https://doi.org/10.1080/17458080701883699

662. Kong J. i in., Science, 287, 2000, 622. https://doi.org/10.1126/science.287.5453.622

663. Someya T. i in., Nano Letters, 3, 2003, 877. https://doi.org/10.1021/nl034061h

664. Valentini L. i in., Diamond Relat. Mater., 13, 2004, 1301. https://doi.org/10.1016/j.diamond.2003.11.011

665. Wong Y. M. i in., Sens. Actuators B, 93, 2003, 327. https://doi.org/10.1016/S0925-4005(03)00213-2

666. Kauffman D. R., Star A., Angew. Chem., Int. Ed., 47, 2008, 6550. https://doi.org/10.1002/anie.200704488

667. Bondavalli P. i in., Sens. Actuators B, 140, 2009, 304. https://doi.org/10.1016/j.snb.2009.04.025

668. Katz H. E., Electroanalysis, 16, 2004, 1837. https://doi.org/10.1002/elan.200403071

669. Snow E. S. i in., Chem. Soc. Rev., 35, 2006, 790. https://doi.org/10.1039/b515473c

670. Zhang T. i in., Nanotechnology, 19, 2008, 332001. https://doi.org/10.1088/0957-4484/19/33/332001

671. Lee M. i in., Lab Chip, 9, 2009, 2267. https://doi.org/10.1039/b905185f

672. Modi A. i in., Nature, 424, 2003, 171. https://doi.org/10.1038/nature01777

673. Yeow J. T. W., She J. P. M., Nanotechnology, 17, 2006, 5441. https://doi.org/10.1088/0957-4484/17/21/026

674. Sin M. L. Y. i in., IEEE Trans. Nanotechnol., 6, 2007, 571.

675. Sayago I. i in., Synth. Met., 148, 2005, 15. https://doi.org/10.1016/j.synthmet.2004.09.013

676. Kong J. i in., Adv. Mater., 13, 2001, 1384. https://doi.org/10.1002/1521-4095(200109)13:18<1384::AID-ADMA1384>3.0.CO;2-8

677. Sayago I. i in., Sens. Actuators B, 122, 2007, 75. https://doi.org/10.1016/j.snb.2006.05.005

678. Oakley J. S. i in., Nanotechnology, 16, 2005, 2218. https://doi.org/10.1088/0957-4484/16/10/040

679. Kumar M. K. i in., J. Phys. Chem. B, 110, 2006, 11291. https://doi.org/10.1021/jp0611525

680. Mubeen S. i in., J. Phys. Chem. C, 111, 2007, 6321. https://doi.org/10.1021/jp067716m

681. Sun Y., Wang H. H., Appl. Phys. Lett., 90, 2007, 213107. https://doi.org/10.1063/1.2742596

682. Sayago I. i in., J. Phys.: Conf. Ser., 127, 2008, 012012. https://doi.org/10.1088/1742-6596/127/1/012012

683. Lu J. Y. i in., Chem. Phys. Lett., 391, 2004, 344.

684. Ganzhorn M. i in., ACS Nano., 5, 2011, 1670. https://doi.org/10.1021/nn101992g

685. Wang F., Swager T. M., J. Am. Chem. Soc., 133, 2011, 11181. https://doi.org/10.1021/ja201860g

686. Davis J. J. i in., Chem. Eur. J., 9, 2003, 3732. https://doi.org/10.1002/chem.200304872

687. Rubianes M. D., Rivas G. A., Electrochem. Commun., 5, 2003, 689. https://doi.org/10.1016/S1388-2481(03)00168-1

688. Hrapovic S. i in., Anal. Chem., 76, 2004, 1083. https://doi.org/10.1021/ac035143t

689. Lin Y. i in., Nano Letters, 4, 2004, 191. https://doi.org/10.1021/nl0347233

690. Wang J., Musameh M., Analyst, 128, 2003, 1382. https://doi.org/10.1039/b309928h

691. Bestman K. i in., Nano Letters, 3, 2003, 727. https://doi.org/10.1021/nl034139u

692. Ye J. i in., Electrochem. Commun., 6, 2004, 66.

693. Rubianes M. D., Ravias G. A., Electroanalysis, 17, 2005, 73. https://doi.org/10.1002/elan.200403121

694. Wang J., Mushamed M., Anal. Lett., 36, 2003, 2041.

695. Wang Z. H. i in., Analyst, 127, 2002, 653. https://doi.org/10.1039/b201060g

696. Ye J. S. i in., Electroanalysis, 15, 2003, 1693. https://doi.org/10.1002/elan.200302752

697. Yang M. i in., Biomaterials, 27, 2006, 246. https://doi.org/10.1016/j.biomaterials.2005.05.077

698. Li G. i in., Biosens. Bioelectron., 20, 2005, 2140.

699. Quiaocui S. i in., Electroanalysis, 17, 2005, 857.

700. Tau X. i in., Biochem. Anal., 337, 2005, 111.

701. Rivas G. A. i in., Talanta, 74, 2007, 291. https://doi.org/10.1016/j.talanta.2007.10.013

702. Padano M., Ravas G. A., Electrochem. Commun., 6, 2004, 10.

703. Wang J. i in., Electroanalysis, 16, 2004, 140. https://doi.org/10.1002/elan.200302915

704. Li J. i in., Nano. Letters, 3, 2003, 597. https://doi.org/10.1021/nl0340677

705. Koehne J. i in., J. Mater. Chem., 14, 2004, 676. https://doi.org/10.1039/b311728f

706. Li Y. i in., Small, 6, 2010, 27. https://doi.org/10.1002/smll.200901759

707. Patolsky F., Lieber C. M., Mater. Today, 8, 2005, 20. https://doi.org/10.1016/S1369-7021(05)00791-1

708. Wang J., Electroanalysis, 17, 2005, 7. https://doi.org/10.1002/elan.200590006

709. Yun Y. H. i in., Nano Today, 2, 2007, 31.

710. Veetil J. V. i in., Biotechnol. Prog., 23, 2007, 517. https://doi.org/10.1021/bp0602395

711. Chen R. J. i in., Proc. Natl. Acad. Sci. USA, 100, 2003, 4984.

712. Elkin T. i in., ChemBioChem., 6, 2004, 640. https://doi.org/10.1002/cbic.200400337

713. Gu L., Chem. Commun., 7, 2005, 874.

714. Yu X. i in., J. Am. Chem. Soc., 128, 2006, 11199. https://doi.org/10.1021/ja062117e

715. Fernández-Baldo M. A. i in., Talanta, 79, 2009, 681. https://doi.org/10.1016/j.talanta.2009.04.059

716. Panini N. V. i in., Bioelectron., 23, 2008, 1145. https://doi.org/10.1016/j.bios.2007.11.003

717. García-Aljaro C. i in., Biosens. Bioelectron., 26, 2010, 1437.

718. Lee C. Y. i in., J. Phys. Chem. B, 110, 2006, 11055. https://doi.org/10.1021/jp056425v

719. Cattanach K. i in., Nanotechnology, 17, 2006, 4123. https://doi.org/10.1088/0957-4484/17/16/022

720. Salehi-Khojin A. i in., Nanoscale, 3, 2011, 3097. https://doi.org/10.1039/c1nr10542f

721. Wood J. R. i in., J. Phys. Chem. B, 103, 1999, 10388. https://doi.org/10.1021/jp992136t

722. Wood J. R. i in., Appl. Phys. Lett., 76, 2000, 2883. https://doi.org/10.1063/1.126505

723. Zhao Q. i in., Compos. Sci. Technol., 62, 2002, 147.

724. Zhao Q. i in., Polym. Adv. Technol.,13, 2002, 759. https://doi.org/10.1002/pat.246

725. Sen N., Curr. Sci. India, 84, 2003, 269. https://doi.org/10.1890/0012-9658(2003)084[0269:IATD]2.0.CO;2

726. Goosh S. i in., Science, 299, 2003, 1042. https://doi.org/10.1126/science.1079080

727. Maiti A. i in., Phys. Rev. Lett., 88, 2002, 126805. https://doi.org/10.1103/PhysRevLett.88.167205

728. Zhao H. B. i in., Nanotechnology, 21, 2010, 305502. https://doi.org/10.1088/0957-4484/21/30/305502

729. Zhang J. i in., Adv. Mater., 23, 2011, 3392. https://doi.org/10.1002/adma.201101104

730. Yamada T. i in., Nature Nanotechnol., 6 , 2011, 296.

731. Jensesn K. i in., Nature Nanotechnol., 3, 2008, 533

732. Lassagne B. i in., Nano Letters, 8, 2008, 3735. https://doi.org/10.1021/nl801982v

733. Chiu H. Y. i in., Nano Letters, 8, 2008, 4342. https://doi.org/10.1021/nl802181c

734. Lassagne B., Bachtold A., C. R. Physique, 11, 2010, 355. https://doi.org/10.1016/j.crhy.2010.06.006

735. Chen Z. i in., Nat. Biotechnol., 26, 2008, 1285.

736. Dillon A. C. i in., Nature, 386, 1997, 377. https://doi.org/10.1038/386377a0

737. Kajiura H. i in., Appl. Phys. Lett., 82, 2003, 1105. https://doi.org/10.1063/1.1555262

738. Ritschel M. i in., Appl. Phys. Lett., 80, 2002, 2985. https://doi.org/10.1063/1.1469680

739. Miyamoto J. i in,, J. Am. Chem. Soc., 9, 2006, 12637.

740. Nikitin A. i in., Nano Letters, 8, 2008, 162. https://doi.org/10.1021/nl072325k

741. Li J. i in., J. Chem. Phys., 119, 2003, 2376.

742. Froudakis G. E., Mater. Today, 14, 2011, 324. https://doi.org/10.1016/S1369-7021(11)70162-6

743. Lochan R. C., Head-Gordon M., Phys. Chem. Chem. Phys., 8, 2006, 1357. https://doi.org/10.1039/b515409j

744. Froudakis G. E., Nano Letters, 1, 2001, 531. https://doi.org/10.1021/nl0155983

745. Ma R. i in., J. Am. Chem. Soc., 124, 2002, 7672. https://doi.org/10.1021/ja026030e

746. Tang C. i in., J. Am. Chem. Soc., 124, 2002, 14550. https://doi.org/10.1021/ja028051e

747. Assfour B. i in., Adv. Mater., 23, 2011, 1237. https://doi.org/10.1002/adma.201003669

748. Kondratyuk P., Yates Jr. J. T., Chem. Phys. Lett., 383, 2004, 314. https://doi.org/10.1016/j.cplett.2003.10.151

749. Lu C. i in., Appl. Surf. Sci., 254, 2008, 7035. https://doi.org/10.1016/j.apsusc.2008.05.282

750. Wang H. J. i in., J. Colloid Interface Sci., 316, 2007, 277. https://doi.org/10.1016/j.jcis.2007.07.075

751. Durgun E. i in., Phys. Rev. B, 76, 2007, 073413. https://doi.org/10.1103/PhysRevB.76.073413

752. Denis P. A., Chem. Phys., 353, 2008, 79. https://doi.org/10.1016/j.chemphys.2008.07.024

753. Yeung C. S. i in., J. Phys. Chem. C , 112, 2008, 7401. https://doi.org/10.1021/jp0753981

754. Turker L., Int. J. Hydrogen Energy, 32, 2007, 1933. https://doi.org/10.1016/j.ijhydene.2006.10.043

755. Nakano H. i in., J. Power Sources, 163, 2006, 125. https://doi.org/10.1016/j.jpowsour.2006.04.023

756. Buttner M. i in., J. Phys. Chem. C, 113, 2009, 4829. https://doi.org/10.1021/jp810139q

757. Challet S. i in., Chem. Phys. Lett., 377, 2003, 544. https://doi.org/10.1016/S0009-2614(03)01171-0

758. Ren X. i in., Chem. Eng. J., 170, 2011, 395. https://doi.org/10.1016/j.cej.2010.08.045

759. Long R. Q., Yang R. T., Ind. Eng. Chem. Res., 40, 2001, 4288. https://doi.org/10.1021/ie000976k

760. Long R. Q., Yang R. T., J. Am. Chem. Soc., 123, 2001, 2058. https://doi.org/10.1021/ja003830l

761. Agnihotri S. i in., Carbon , 43, 2005, 2379. https://doi.org/10.1016/j.carbon.2005.04.020

762. Di Z. C. i in., Ads. Sci. Technol., 22, 2004, 467.

763. Tan X. L. i in., Carbon, 46, 2008, 1741. https://doi.org/10.1016/j.carbon.2008.07.023

764. Wang S. G. i in., Sep. Purif. Technol., 58, 2007, 17.

765. Chen C. H., Huang C. C., Sep. Purif. Technol., 65, 2009, 305. https://doi.org/10.1016/j.seppur.2008.10.048

766. Gaur A., Shim M., Phys. Rev. B, 78, 2008, 125422. https://doi.org/10.1103/PhysRevB.78.125422

767. Masenelli-Varlot K. i in., Appl. Surf. Sci., 196, 2002, 209. https://doi.org/10.1016/S0169-4332(02)00059-4

768. Li Y. H. i in., Chem. Phys. Lett., 357, 2002, 263.

769. Li Y. H. i in., Carbon, 41, 2003, 2787. https://doi.org/10.1016/S0008-6223(03)00392-0

770. Chen C. L., Wang X.K., Ind. Eng. Chem. Res., 45, 2006, 9144. https://doi.org/10.1021/ie060791z

771. Chen C. L. i in., Environ. Sci. Technol., 43, 2009, 2362. https://doi.org/10.1021/es803018a

772. Chen C. L. i in., J. Colloid Interface Sci., 323, 2008, 33. https://doi.org/10.1016/j.jcis.2008.04.046

773. Goering J. i in., J. Phys. Chem. C, 112, 2008, 10114. https://doi.org/10.1021/jp801686u

774. Hyung H., Kim J. H., Environ. Sci. Technol., 42, 2008, 4416. https://doi.org/10.1021/es702916h

775. Hsieh S. H. i in., J. Mater. Res., 21, 2006, 1269. https://doi.org/10.1557/jmr.2006.0155

776. Li Y. H. i in., J. Environ. Sci. China, 16, 2004, 208.

777. Lu C. Y. i in., J. Hazard. Mater., 151, 2008, 239.

778. Li Y. H. i in., Water Res., 39, 2005, 605. https://doi.org/10.1016/j.watres.2004.11.004

779. Lu C. S. i in., Ind. Eng. Chem. Res., 45, 2006, 2850. https://doi.org/10.1021/ie051206h

780. Li H. B. i in., Water Sci. Technol., 59, 2009, 1657. https://doi.org/10.2166/wst.2009.162

781. Stafiej A., Pyrzynska K., Sep. Purif. Technol., 58, 2007, 49. https://doi.org/10.1016/j.seppur.2007.07.008

782. Ruparelia J. P. i in., Desalination, 232, 2008, 145. https://doi.org/10.1016/j.desal.2007.08.023

783. Schierz A., Zanker H., Environ. Pollut., 157, 2009, 1088. https://doi.org/10.1016/j.envpol.2008.09.045

784. Fan Q. H. i in., Radiochim. Acta, 97, 2009, 141. https://doi.org/10.1111/j.1651-2227.2007.00638.x

785. Chen C. L. i in., Colloids Surf. A, 302, 2007, 449 https://doi.org/10.1016/j.colsurfa.2007.03.007

786. Shao D. D. i in., J. Phys. Chem. B , 113, 2009, 860. https://doi.org/10.1021/jp8091094

787. Yang K., Environ. Sci. Technol., 42, 2008, 7931. https://doi.org/10.1021/es801463v

788. Sheng G. D. i in., J. Hazard. Mater., 178, 2010, 505.

789. Tournus F., Charlier J. C., Phys. Rev. B ,71, 2005, 165421. https://doi.org/10.1103/PhysRevB.71.165421

790. Gauden P. A. i in., Chem. Phys. Lett., 421, 2006, 409.

791. Peng X. J. i in., Chem. Phys. Lett., 376, 2003, 154.

792. Fagan S. B. i in., Int. J. Quantum Chem., 106, 2006, 2558. https://doi.org/10.1002/qua.20962

793. Lu C. S. i in., Water Res., 39, 2005, 1183. https://doi.org/10.1016/j.watres.2004.12.033

794. Gotovac S. i in., Nano Letters, 7, 2007, 583. https://doi.org/10.1021/nl0622597

795. Hashim D.P. i in., Sci. Rep., 2, 2012, 363, https://doi.org/10.1038/srep00363

796. Ye J. S. i in., Microchim. Acta, 152, 2006, 267. https://doi.org/10.1007/s00604-005-0446-0

797. Guo D. J., Li H. L., J. Colloid Interface Sci., 286, 2005, 274. https://doi.org/10.1016/j.jcis.2004.12.042

798. Figueiredo J. L. i in., Carbon, 44, 2006, 2516. https://doi.org/10.1016/j.carbon.2006.05.033

799. An G. i in., Carbon, 45, 2007, 536.

800. Wang H. J. i in., Electrochem. Commun., 8, 2006, 499.

801. Lin Y. H. i in., Langmuir, 21, 2005, 11474. https://doi.org/10.1021/la051272o

802. Liang Y. M. i in., Carbon, 43, 2005, 3144. https://doi.org/10.1016/j.carbon.2005.06.017

803. Li W. Z. i in., Carbon, 40, 2002, 791. https://doi.org/10.1016/S0008-6223(02)00039-8

804. Wang S. J. i in., Catal. Today, 93-95, 2004, 711. https://doi.org/10.1016/j.cattod.2004.06.101

805. Machado B. F. i in., ChemCatChem., 2, 2010, 190. https://doi.org/10.1002/cctc.200900230

806. Amadou J. i in., Catal. Today, 138, 2008, 62. https://doi.org/10.1016/j.cattod.2008.06.015

807. Zhang A. M. i in., Catal. Today , 93-95, 2004, 347. https://doi.org/10.1016/j.cattod.2004.06.122

808. Xia W. i in., Catal. Today, 102-103, 2005, 34. https://doi.org/10.1016/j.cattod.2005.02.002

809. Starodubtseva E. V. i in., Catal. Commun., 10, 2009, 1441.

810. Nhut J. M. i in., Appl. Catal. A: Gen., 254, 2003, 345. https://doi.org/10.1016/S0926-860X(03)00482-4

811. Oosthuizen R. S., Nyamori V. O., Platinum Metals Rev., 55, 2011, 154. https://doi.org/10.1595/147106711X577274

812. Dai H. i in., Nature, 384, 1996, 147. https://doi.org/10.1038/384147a0

813. Cheung C. L. i in., Proc. Natl. Acad. Sci., 97, 2000, 3809.

814. Wilson N. R., Macpherson J. V., Nat. Nanotechnology, 4, 2009, 483. https://doi.org/10.1038/nnano.2009.154

815. Yasutake M. i in., Ultramicroscopy, 91, 2002, 57. https://doi.org/10.1016/S0304-3991(02)00082-7

816. Liqiu Guo i in., App. Surf. Sci., 228, 2004, 53.

817. Strus M. C. i in., Nanotechnology, 16, 2005, 2482. https://doi.org/10.1088/0957-4484/16/11/003

818. Zongwei Xu, Fengzhou Fang, Shen Dong, Carbon Nanotube AFM Probe Technology, Electronic Properties of Carbon Nanotubes (red. Jose Mauricio Marulanda), InTech, 2011, dostępne w: http://www.intechopen.com/books/electronic-properties-of-carbon-nanotubes/carbon-nanotube-afm-probe-technology.

819. Nguyen C. V. i in., Meas. Sci. Technol., 16, 2005, 2138. https://doi.org/10.1088/0957-0233/16/11/003

820. Druzhinina T. S. i in., Nano Letters, 10, 2010, 4009. https://doi.org/10.1021/nl101934j

821. Chang Y. C. i in., Jpn. J. Appl. Phys., 43, 2004, 4517. https://doi.org/10.1143/JJAP.43.4517

822. Koehne J. E. i in., Utramicroscopy, 111, 2011, 1155. https://doi.org/10.1016/j.ultramic.2011.01.030

823. Stevens R. M. i in., IEEE Trans. Nanobiosci., 3, 2004, 56.

824. Stevens R. M., Mater. Today, 12, 2009, 42. https://doi.org/10.1016/S1369-7021(09)70074-4

825. Suga H. i in., Surf. Interface Anal., 38, 2006, 1763. https://doi.org/10.1002/sia.2449

826. Mann M. i in., "The application of carbon nanotube electron sources to the electron microscope", Proc. SPIE, 2008, s. 7037, 70370P. https://doi.org/10.1117/12.797289

827. Nakahara H. i in., J. Surf. Sci. Nanotech., 9, 2011, 400. https://doi.org/10.1380/ejssnt.2011.400

828. Regan B. C. i in., Nature, 428, 2004, 924. https://doi.org/10.1038/nature02496

829. Liu K. i in., Nano Letters, 8, 2008, 700. https://doi.org/10.1021/nl0723073

830. Wu Z. i in., Science, 305, 2004, 1273. https://doi.org/10.1126/science.1101243

831. Zhang L. i in., Nano Letters, 8, 2008, 2564. https://doi.org/10.1021/nl8012727

832. Correa-Duarte M. A. i in., Angew. Chem., Int. Ed., 44, 2005, 4375. https://doi.org/10.1002/anie.200500581

833. Katemann B. B. i in., Electroanalysis, 16, 2004, 60. https://doi.org/10.1002/elan.200302918

834. Boldti F. M. in., Anal. Chem., 76, 2004, 3473. https://doi.org/10.1021/ac049635x

835. MacPherson J. V., Unwin P. R., Anal. Chem., 72, 2000, 276. https://doi.org/10.1021/ac990921w

836. Shao Y. i in., Anal. Chem., 69, 1997, 1627. https://doi.org/10.1021/ac960887a

837. Penner R. M. i in., Science, 250, 1990, 1118. https://doi.org/10.1126/science.250.4984.1118

838. Conyers Jr. J. L.,, White H. S., Anal. Chem., 72, 2000, 4441. https://doi.org/10.1021/ac000399+

839. Slevin C. J. i in., Electrochem. Commun., 1, 1999, 282. https://doi.org/10.1016/S1388-2481(99)00059-4

840. Gray N. J., Unwin P. R., Analyst, 125, 2000, 889. https://doi.org/10.1039/b001659o

841. Abbou J. i in., Anal. Chem., 74, 2002, 6355. https://doi.org/10.1021/ac020385z

842. Chen S., Kucernak A., J. Phys. Chem. B, 106, 2002, 9396. https://doi.org/10.1021/jp025847r

843. Katemann B. B., Schuhmann W., Electroanalysis, 14, 2002, 22. https://doi.org/10.1002/1521-4109(200201)14:1<22::AID-ELAN22>3.0.CO;2-F

844. Watkins J. J., White H. S., J. Electroanal. Chem., 582, 2005, 57. https://doi.org/10.1016/j.jelechem.2004.12.015

845. Heller I. i in., Nano Letters, 5, 2005, 137. https://doi.org/10.1021/nl048200m

846. Watkins J. J. i in., Anal. Chem., 75, 2003, 3962. https://doi.org/10.1021/ac0342931

847. Lee Y. i in., Anal. Chem., 74, 2002, 3634. https://doi.org/10.1021/ac015713u

848. Zu Y. i in., Anal. Chem., 73, 2001, 2153. https://doi.org/10.1021/ac001538q

849. Fan F. R. F., J. Am. Chem. Soc., 118, 1996, 9669. https://doi.org/10.1021/ja9610794

850. Bach C. E. i in., J. Electrochem. Soc., 140, 1993, 1281. https://doi.org/10.1149/1.2220971

851. Woo D. H. i in., Anal. Chem., 75, 2003, 6732. https://doi.org/10.1021/ac034584+

852. Chen S., Kucernak A., Electrochem. Commun., 4, 2002, 80. https://doi.org/10.1016/S1388-2481(01)00278-8

853. Burt D. P. i in., Nano Letters, 5, 2005, 639. https://doi.org/10.1021/nl050018d

854. Quinn B. M., Lemay S. G., Adv. Mater., 18, 2006, 855. https://doi.org/10.1002/adma.200502438

855. Gong K. P. i in., Biosens. Bioelectron. , 20, 2004, 253.

856. Wang S.-F., Xu Q., Anal. Lett. , 38, 2005, 657. https://doi.org/10.1081/AL-200050317

857. Hun C. G. i in., Diamond Relat. Mat., 12, 2003, 1295. https://doi.org/10.1016/S0925-9635(03)00071-2

858. Deo R. P., Wang J., Electrochem. Commun., 6, 2004, 284. https://doi.org/10.1016/j.elecom.2004.01.003

859. Guo M. i in., Anal. Chim. Acta , 532, 2005, 71.

860. Li J. i in., Electroanalysis, 17, 2005, 15. https://doi.org/10.1002/elan.200403114

861. Zhao Y. i n., Talanta, 66, 2005, 51. https://doi.org/10.1016/j.talanta.2004.09.019

862. Chen J. H. i in., Carbon, 40, 2002, 1193. https://doi.org/10.1016/S0008-6223(01)00266-4

863. Chen J. H. i in., Appl. Phys. A, 73, 2001, 129. https://doi.org/10.1007/s003390100912

864. Chen J. H. i in., Synth. Met., 125, 2002, 289.

865. Misra A. i in., ACS Nano, 3, 2009, 3903. https://doi.org/10.1021/nn900878d

866. Tu Y. i in., Electroanalysis, 17, 2005, 79. https://doi.org/10.1002/elan.200403122

867. Nguyen C. V. I in., Nano Letters, 2, 2002, 1079. https://doi.org/10.1021/nl025689f

868. Ugo P. i in., ChemPhysChem., 3, 2002, 917.

https://doi.org/10.1002/1439-7641(20021115)3:11<917::AID-CPHC917>3.0.CO;2-U

869. Morf W. E., de Rooij N. F., Sensor Actuat. B: Chem., 44, 1997, 538. https://doi.org/10.1016/S0925-4005(97)00159-7

870. Weber S. G., Anal. Chem., 61, 1989, 295. https://doi.org/10.1021/ac00179a004

871. Menon V. P., Martin C. R., Anal. Chem., 67, 1995, 1920. https://doi.org/10.1021/ac00109a003

872. Tu Y. i in., Nano Letters, 3, 2003, 107. https://doi.org/10.1021/nl025879q

873. Guillorn M. A. i in., J. Appl. Phys., 91, 2002, 3824. https://doi.org/10.1063/1.1448671

874. Zhao G. i in., Anal. Lett. , 35, 2002, 2233.

875. Zhao G. i in., Microchim. Acta, 143, 2003, 255. https://doi.org/10.1007/s00604-003-0078-1

876. Zeng B. Z., Huang F., Talanta, 64, 2004, 380. https://doi.org/10.1016/j.talanta.2004.02.024

877. Yang C. H., Microchim. Acta, 148, 2004, 87. https://doi.org/10.1007/s00604-004-0243-1

878. Yi H. C., Anal. Bioanal. Chem., 377, 2003, 770. https://doi.org/10.1007/s00216-003-2136-2

879. Wu K. i in., Anal. Chim. Acta, 489, 2003, 215. https://doi.org/10.1016/S0003-2670(03)00718-9

880. Tsai Y. C. i in., Electrochem. Commun., 6, 2004, 917.

881. Liang P. i in, J. Anal. At. Spectrom., 19, 2004, 1489. https://doi.org/10.1039/b409619c

882. Chen S. i in., J. Hazard. Mater., 170, 2009, 247.

883. Duran A. i in., J. Hazard. Mater., 169, 2009, 466. https://doi.org/10.1016/j.jhazmat.2009.03.119

884. Chen W. Y. i in., J. Am.Mass Spectrom., 15, 2004, 1629. https://doi.org/10.1016/j.jasms.2004.08.001

885. Cai Y. Q. i in., Anal. Chem., 75, 2003, 2517. https://doi.org/10.1021/ac0263566

886. Cai Y. Q. i in., Anal. Chim. Acta, 494, 2003, 149. https://doi.org/10.1016/j.aca.2003.08.006

887. Liu G. i in., Anal. Lett., 37, 2004, 3085. https://doi.org/10.1081/AL-200035912

888. Xu S. i in., Anal. Chem., 75, 2003, 6191. https://doi.org/10.1021/ac0345695

889. Zhou Q. i in., Anal. Chim. Acta, 602, 2007, 223. https://doi.org/10.1016/j.aca.2007.09.038

890. Wang S. i in., J. Chromatogr. A, 1165, 2007, 166.

891. Al-Degs Y. S. i in., J. Hazard Mater., 169, 2009, 128. https://doi.org/10.1016/j.jhazmat.2009.03.065

892. Zhang W. i in., J. Chromatogr. B, 791, 2003, 217.

893. Zhang W. i in., Anal. Chim. Acta, 512, 2004, 207.

894. Cao X. N. i in., Chromatographia, 59, 2004, 167.

895. Xu J. i in., Talanta, 60, 2003, 1123. https://doi.org/10.1016/S0039-9140(03)00214-5

896. Xu J. M. i in., Chem. Res. Chin. Univ., 20, 2004, 529.

897. Xiong X. i in., Electrophoresis, 27, 2006, 3243. https://doi.org/10.1002/elps.200500870

898. Xu Y., Li S. F. Y., Electrophoresis, 27, 2006, 4025. https://doi.org/10.1002/elps.200600270

899. Na N. i in., Talanta, 69, 2006, 866. https://doi.org/10.1016/j.talanta.2005.11.022

900. Zhao L. i in., Anal. Bioanal. Chem., 399, 2011, 143.

901. Na N. i in., J. Chromatogr. A, 1218, 2011, 4552. https://doi.org/10.1016/j.chroma.2011.05.043

902. Sombra L. i in., Electrophoresis, 29, 2008, 3850. https://doi.org/10.1002/elps.200800275

903. Jiménez-Soto J. M. i in., Electrophoresis, 31, 2010, 1681. https://doi.org/10.1002/elps.200900628

904. Stege P. W. i in., Electrophoresis, 31, 2010, 2242. https://doi.org/10.1002/elps.200900782

905. Karwa M, Mitra S., Anal. Chem., 78, 2006, 2064. https://doi.org/10.1021/ac052115x

906. Wang Y. i in., Expert. Rev. Proteomics, 4, 2007, 287. https://doi.org/10.1586/14789450.4.2.287

907. Herrera-Herrera A. V. i in., Anal. Chim. Acta, 734, 2012, 1. https://doi.org/10.1016/j.aca.2012.04.035

908. Trojanowicz M., Trends Anal. Chem., 5, 2006, 480. https://doi.org/10.1016/j.trac.2005.11.008

909. Scida K. i in., Anal. Chim. Acta, 691, 2011, 6. https://doi.org/10.1016/j.aca.2011.02.025

910. Weng H. F. i in., J. Nanosci. Nanotechnol., 4, 2004, 1019.

911. Singh R i in., Proc. Natl. Acad. Sci. USA, 103, 2006, 3357.

912. Chen J. Y. i in., J. Am. Chem. Soc., 130, 2008, 16778. https://doi.org/10.1021/ja805570f

913. Heister E. i in., Carbon, 47, 2009, 2152. https://doi.org/10.1016/j.carbon.2009.03.057

914. Bhirde A. A. i in., ACS Nano, 3, 2009, 307. https://doi.org/10.1021/nn800551s

915. Sinha N., Yeow J. T.-W., IEEE Trans. Nanobiosci., 4, 2005, 180. https://doi.org/10.1109/TNB.2005.850478

916. Zhang X. K. i in., Biomaterials, 30, 2009, 6041. https://doi.org/10.1016/j.biomaterials.2009.07.025

917. Duong H. M. i in., Int. J. Heat Mass Transfer, 52, 2009, 5591.

https://doi.org/10.1016/j.ijheatmasstransfer.2009.06.016

918. Kam N. W. S. i in., Angew. Chem., Int. Ed., 45, 2006, 577.

919. Kam N. W. S. i in., J. Am. Chem. Soc., 127, 2005, 6021. https://doi.org/10.1021/ja050062v

920. Wu Y. i in., ACS Nano, 2, 2008, 2023. https://doi.org/10.1021/nn800325a

921. http://www.nanotsunami.com

922. Tripisciano C. i in., Chem. Phys. Lett., 478, 2009, 200. https://doi.org/10.1016/j.cplett.2009.07.071

923. Borowiecka-Paleń E., Nanorurki węglowe, KnowMathTech, Szczecin 2011.

924. Hampel S. i in., Nanomedicine, 3, 2008, 175. https://doi.org/10.2217/17435889.3.2.175

925. Kunze D., Eur. Urol. Suppl., 7, 2008, 277.

926. Liu Z., i in., Cancer Res., 68, 2008, 6652. https://doi.org/10.1158/0008-5472.CAN-08-1468

927. Ji S. i in., Biochim. Biophys. Acta, 1806, 2010, 29.

928. Cai S. Y., Kong J. L., Chin. J. Anal. Chem., 37, 2009, 1240. https://doi.org/10.1016/S1872-2040(08)60125-5

929. Crescenzo A. D. i in., Nanoscale, 3, 2011, 925. https://doi.org/10.1039/C0NR00444H

930. Dhar S. i in., J. Am. Chem. Soc., 130, 2008, 11467. https://doi.org/10.1021/ja803036e

931. Liu Z., ACS Nano, 1, 2007, 50. https://doi.org/10.1021/nn700040t

932. Liu Z. i in., Angew. Chem., Int. Ed., 48, 2009, 7668.

933. McDevitt M. R. i in., J. Nucl. Med., 48, 2007, 1180.

934. Pastorin G. i in., Chem. Commun., 11, 2006, 1182. https://doi.org/10.1039/b516309a

935. Yu B. Z. i in., Carbon, 45, 2007, 1921. https://doi.org/10.1016/j.carbon.2007.06.015

936. Pai P. i in., Curr. Pharm. Res. J., 1, 2006, 11.

937. Pantarotto D. i in., Chem. Biol., 10, 2003, 961. https://doi.org/10.1016/j.chembiol.2003.09.011

938. Yang F. i in., Med. Hypotheses, 70, 2008, 765. https://doi.org/10.1016/j.mehy.2007.07.045

939. Yang F., Nanomedicine, 4, 2009, 317. https://doi.org/10.2217/nnm.09.5

940. Yang D., Chem. Commun., 29, 2009, 4447. https://doi.org/10.1039/b908012k

941. Li J. J. i in., Polym. Int., 59, 2010, 169.

942. Pramanik M., Phys. Med. Biol., 54, 2009, 3291. https://doi.org/10.1088/0031-9155/54/11/001

943. Vyalikh A. i in., Phys. Stat. Sol. B, 244, 2007, 4092. https://doi.org/10.1002/pssb.200776184

944. Bianco A. i in., Curr. Opinion Chem. Biol., 9, 2005, 674. https://doi.org/10.1016/j.cbpa.2005.10.005

945. Gannon C. J. i in., Cancer, 110, 2007, 2654. https://doi.org/10.1002/cncr.23155

946. Kam N. W. S. i in., Proc. Natl. Acad. Sci. USA, 102, 2005, 11600.

947. Biris A. R. i in., Carbon, 49, 2011, 4403. https://doi.org/10.1016/j.carbon.2011.06.031

948. Moon H. K. i in., ACS Nano, 3, 2009, 3707. https://doi.org/10.1021/nn900904h

949. Robertson C. A. i in., J. Photochem. Photobiol. B: Biol., 96, 2009, 1.

950. Zhu Z. i in., J. Am. Chem. Soc., 130, 2008, 10856. https://doi.org/10.1021/ja802913f

951. Yinghuai Z. i in., J. Am. Chem. Soc., 127, 2005, 9875. https://doi.org/10.1021/ja0517116

952. Singh R. i in., J. Am. Chem. Soc., 127, 2005, 4388. https://doi.org/10.1021/ja0441561

953. Cai D. i in., Nat. Methods, 2, 2005, 449. https://doi.org/10.1038/nmeth761

954. Zhang Z. H. i in., Clin. Cancer Res., 12, 2006, 4933. https://doi.org/10.1158/1078-0432.CCR-05-2831

955. Podesta J. E. i in., Small, 5, 2009, 1176. https://doi.org/10.1002/smll.200990047

956. Sitharaman B. i in., J. Chem. Commun., 31, 2005, 3915. https://doi.org/10.1039/b504435a

957. Hartman K. B. i in., Nano Letters, 8, 2008, 415. https://doi.org/10.1021/nl0720408

958. Richard C. i in., Nano Letters, 8, 2008, 232. https://doi.org/10.1021/nl072509z

959. Cherukuri P. i in., J. Am. Chem. Soc., 126, 2004, 15638. https://doi.org/10.1021/ja0466311

960. Heller D. A. i in., Adv. Mater., 17, 2005, 2793. https://doi.org/10.1002/adma.200500477

961. Choi J. H. i in., Nano Letters, 7, 2007, 861. https://doi.org/10.1021/nl062306v

962. Leeuw T. K. i in., Nano Letters, 7, 2007, 2650. https://doi.org/10.1021/nl0710452

963. Wang H. F. i in., J. Nanosci. Nanotech., 4, 2004, 1019. https://doi.org/10.1166/jnn.2004.146

964. Liu Z. i in., J. Nature Nanotech., 2, 2006, 47.

965. McDevitt M. R. i in., PLoS ONE, 2, 2007, e907. https://doi.org/10.1371/journal.pone.0000907

966. Ou C. F. i in., Anal. Chim. Acta, 603, 2007, 205. https://doi.org/10.1016/j.aca.2007.08.052

967. Ho J. A. i in., Anal. Chem., 81, 2009, 1340. https://doi.org/10.1021/ac801832h

968. Ou C. F. i in., J. Electroanal. Chem., 624, 2008, 287.

969. Lin J. H. i in., Anal. Biochem., 384, 2009, 130.

970. Bi S. i in., Biosens. Bioelectron., 24, 2009, 2961.

971. Ding Y. J. i in., Analyst, 133, 2008, 184. https://doi.org/10.1039/B713824E

972. Wu L. N. i in., J. Immunol. Meth., 322, 2007, 12.

973. Chen S. H. i in., Electrochim. Acta, 54, 2009, 7242.

974. Li C. i in., J. Am. Chem. Soc., 127, 2005, 12484. https://doi.org/10.1021/ja053761g

975. Okunoa J. i in., Biosens. Bioelectron., 22, 2007, 2377.

976. Panini N. V., Biosens. Bioelectron., 23, 2008, 1145.

977. Lin Y. Y. i in., Biosens. Bioelectron., 23, 2008, 1659.

978. Rusling J. F. i in., Bioelectrochem. 76, 2009, 189.
https://doi.org/10.1016/j.bioelechem.2009.03.011

979. Kim J. P. i in., Biosens. Bioelectron., 24, 2009, 3372.

980. Sánchez S. i in., Anal. Chem., 80, 2008, 6508. https://doi.org/10.1021/ac7025282

981. Li N. i in., Bioprocess Biosyst. Eng., 31, 2008, 551. https://doi.org/10.1007/s00449-008-0201-0

982. Hong H. i in., Nano Today, 4, 2009, 252. https://doi.org/10.1016/j.nantod.2009.04.002

983. Liu Z. i in., J. Mater. Chem., 21, 2011, 586. https://doi.org/10.1039/C0JM02020F

984. Kim J. W. i in., Nature Nanotechnol., 4, 2009, 688.

985. Singhal R. i in., Nature Nanotechnol., 6, 2011, 57.

986. Fushen L. i in., Adv. Mater., 21, 2009, 139.

987. Wu H. C. i in., J. Mater. Chem., 20, 2010, 1036. https://doi.org/10.1039/B911099M

988. Kostarelos K. i in., Nature Nanotechnol., 4, 2009, 627. https://doi.org/10.1038/nnano.2009.241

989. Smart S. K. i in., Carbon, 44, 2006, 1034. https://doi.org/10.1016/j.carbon.2005.10.011

990. Kang S. i in., Langmuir, 23, 2007, 8670. https://doi.org/10.1021/la701067r

991. Kang S. i in., Environ. Sci. Technol., 42, 2008, 7528. https://doi.org/10.1021/es8010173

992. Bai Y. i in., Carbon, 49, 2011, 3663. https://doi.org/10.1016/j.carbon.2011.05.002

993. Liu S. i in., ACS Nano, 3, 2009, 3891. https://doi.org/10.1021/nn901252r

994. Brady-Estevez A. S. i in., Small, 4, 2008, 481. https://doi.org/10.1002/smll.200700863

995. Yuan W. i in., J. Phys. Chem. C, 112, 2008, 18754. https://doi.org/10.1021/jp807133j

996. Shen M. i in., J. Phys. Chem. C, 113, 2009, 3150. https://doi.org/10.1021/jp809323e

997. Nepal D. i in., Nano Letters, 8, 2008, 1896. https://doi.org/10.1021/nl080522t

998. Hu H. i in., Nano Letters, 4, 2004, 507. https://doi.org/10.1021/nl035193d

999. McKenzie J. L. i in., Biomaterials, 25, 2004, 1309. https://doi.org/10.1016/j.biomaterials.2003.08.006

1000. Webster T. J. i in., Nanotechnology, 15, 2004, 48. https://doi.org/10.1088/0957-4484/15/1/009

1001. Gabay T. i in., Physica A, 350, 2005, 611. https://doi.org/10.1016/j.physa.2004.11.007

1002. Gheith M. K. i in., Adv. Matter., 17, 2005, 2663. https://doi.org/10.1002/adma.200500366

1003. Price R. L. i in., Biomaterials, 24, 2003, 1877. https://doi.org/10.1016/S0142-9612(02)00609-9

1004. Elias K.L. i in., Biomaterials, 23, 2002, 3279. https://doi.org/10.1016/S0142-9612(02)00087-X

1005. Singh M. K. i in., Nanoscale, 2, 2010, 2855. https://doi.org/10.1039/c0nr00237b

1006. Ma P. X., Mater. Today, 7, 2004, 30. https://doi.org/10.1016/S1369-7021(04)00568-1

1007. Zanello L. P. i in., Nano. Letters, 6, 2006, 562. https://doi.org/10.1021/nl051861e

1008. Hirata E. i in., Carbon, 49, 2011, 3284. https://doi.org/10.1016/j.carbon.2011.04.002

1009. Bobrinetskiy I. I. i in., Cellular Transplantation and Tissue Engineering, 6, 2011, 85.

1010. Li X. i in., Surf. Coat. Technol., 206, 2011, 759.

1011. Bhattacharya M. i in., J. Biomed. Mater. Res. Part A, 96, 2011, 75.

1012. Boccaccini A. R. , Gerhard R. C., Key Engineering Materials, 441, 2010, 31. https://doi.org/10.4028/www.scientific.net/KEM.441.31

1013. Watari F. i in., Mater. Sci. Forum, 631-632, 2009, 181. https://doi.org/10.4028/www.scientific.net/MSF.631-632.181

1014. Saito N i in., Chem. Soc. Rev., 38, 2009, 1897. https://doi.org/10.1039/b804822n

1015. Chao T. I. i in., Biochem. Biophys. Res. Commun., 384, 2009, 426.

1016. Zanello L.P. i in., 2008 NSTI Nanotechnology Conference and Trade Show, NSTI Nanotech 2008 Joint Meeting, Nanotechnology 2008; Quebec City, t. 1, s. 75.

1017. Rafeeqi T. i in., J. Biomed. Nanotechnol., 6, 2010, 710. https://doi.org/10.1166/jbn.2010.1167

1018. Kim P., Lieber C. M., Science, 286, 1999, 2148. https://doi.org/10.1126/science.286.5447.2148

1019. Vohrer U. i in., Carbon, 42, 2004, 1159. https://doi.org/10.1016/j.carbon.2003.12.044

1020. Gupta S. i in., J. Appl. Phys., 95, 2004, 2038. https://doi.org/10.1063/1.1641518

1021. Ebron V. H. i in., Science, 311, 2006, 1580. https://doi.org/10.1126/science.1120182

1022. Spinks G. M. i in., Adv. Mater., 14, 2002, 1728. https://doi.org/10.1002/1521-4095(20021203)14:23<1728::AID-ADMA1728>3.0.CO;2-8

1023. Ahir S. V., Terentjev E. M., Nat. Mater., 4, 2005, 491. https://doi.org/10.1038/nmat1391

1024. Courty S. i in., Europhys. Lett., 64, 2003, 654. https://doi.org/10.1209/epl/i2003-00277-9

1025. Aliev A. E. i in., Science, 323, 2009, 1575. https://doi.org/10.1126/science.1168312

1026. Liu Y. i in., J. Mater. Chem., 17, 2007, 1071. https://doi.org/10.1039/B613914K

1027. Liu Y. i in., J. Mater. Chem., 18, 2008, 3454. https://doi.org/10.1039/b801849a

1028. Autumn K., Am. Sci., 94, 2006, 124. https://doi.org/10.1511/2006.58.987

1029. Zhao Y. i in., J. Vac. Sci. Technol. B, 24, 2006, 331. https://doi.org/10.1116/1.2163891

1030. Qu L. i Dai L., Adv. Mater., 19, 2007, 3844. https://doi.org/10.1002/adma.200700023

1031. Anderson R. E. i in., J. Mater. Chem., 20, 2010, 2400.

1032. Bazbouz M. B., Stylios G. K., Eur. Polym. J., 44, 2008, 1. https://doi.org/10.1016/j.eurpolymj.2007.10.006

1033. Zhang M. i in., Science, 306, 2004, 1358. https://doi.org/10.1126/science.1104276

1034. Jiang K. i in., Nature, 419, 2002, 801. https://doi.org/10.1038/419801a

1035. Koziol K. i in., Science, 318, 2007, 1892. https://doi.org/10.1126/science.1147635

1036. Boullosa R. R., Santillan A. O., Eur. J. Phys., 27, 2006, 95. https://doi.org/10.1088/0143-0807/27/1/010

1037. Arnold H. D., Crandall I. B., Phys. Rev., 10, 1917, 22. https://doi.org/10.1103/PhysRev.10.22

1038. Xiao L. i in., Nano Letters, 8, 2008, 4539. https://doi.org/10.1021/nl802750z

1039. Rutherglen C., Burke P., Nano Letters, 7, 2007, 3296. https://doi.org/10.1021/nl0714839

1040. Jensen K. i in., Nano Letters, 7, 2007, 3508. https://doi.org/10.1021/nl0721113

1041. Kocabas C. i in., Proc. Natl Acad. Sci. USA, 105, 2008, 1405.

1042. Mizuno K. i in., Proc. Natl. Acad. Sci. USA, 106, 2009, 6044.

1043. Schmid H., Fink H. W., Appl. Phys. Lett., 70, 1997, 2679. https://doi.org/10.1063/1.118978

1044. Mérel P. i in., C. R. Phys., 11, 2010, 375. https://doi.org/10.1016/j.crhy.2010.06.007

1045. Lan Y. i in., Adv. Phys., 60, 2011, 553. https://doi.org/10.1080/00018732.2011.599963

1046. Wei D., Liu Y., Adv. Mater., 20, 2008, 2815. https://doi.org/10.1002/adma.200800589

1047. Tamura R., Phys. B, 323, 2002, 211. https://doi.org/10.1016/S0921-4526(02)00957-2

1048. Treboux G. i in., J. Phys. Chem. B, 103, 1999, 1871. https://doi.org/10.1021/jp983639m

1049. Odintsov A. A., Phys. Rev. Lett., 85, 2000, 150. https://doi.org/10.1103/PhysRevLett.85.150

1050. Rochefort A., Avouris P., Nano Letters, 2, 2002, 253. https://doi.org/10.1021/nl015705t

1051. Hu F. i in., Eur. Phys. J. B, 46, 2005, 331. https://doi.org/10.1140/epjb/e2005-00262-8

1052. Leonard F., Tersoff J., Phys. Rev. Lett., 85, 2000, 4767. https://doi.org/10.1103/PhysRevLett.85.4767

1053. Farajian A. A. i in., Phys. Rev. Lett., 85, 1999, 4767. https://doi.org/10.1103/PhysRevLett.85.4767

1054. Stewart D. A., Leonard F., Nano Letters, 5, 2005, 219. https://doi.org/10.1021/nl048410z

1055. Stewart D. A., Leonard F., Phys. Rev. Lett., 93, 2004, 107401. https://doi.org/10.1103/PhysRevLett.93.107401

1056. Bosnick K. i in., Appl. Phys. Lett., 89, 2006, 163121. https://doi.org/10.1063/1.2360895

1057. Li Y. F., Appl. Phys.Lett., 90, 2007, 173127. https://doi.org/10.1063/1.2734509

1058. Kong J., Dai H., J. Phys. Chem. B, 105, 2001, 2890. https://doi.org/10.1021/jp0101312

1059. Zhou C. W. i in., Science, 290, 2000, 1552. https://doi.org/10.1126/science.290.5496.1552

1060. Kong J. i in., Appl. Phys. Lett., 80, 2002, 73. https://doi.org/10.1063/1.1431402

1061. Kim D. H. i in., Nano Letters, 6, 2006, 2821. https://doi.org/10.1021/nl061977q

1062. Kim D. H. i in., J. Appl. Phys., 99, 2006, 056106. https://doi.org/10.1063/1.2179134

1063. Bandaru P. R. i in., Nat. Mater., 4, 2005, 663. https://doi.org/10.1038/nmat1450

1064. Xu H. Q., Nat. Mater., 4, 2005, 649. https://doi.org/10.1038/nmat1471

1065. Yi J., Cuniberti G., Ann. NY Acad. Sci., 1006, 2003, 306. https://doi.org/10.1196/annals.1292.021

1066. Park J. H. i in., Nanotechnology, 17, 2006, 895. https://doi.org/10.1088/0957-4484/17/3/046

1067. Verdejo R. i in., J. Mater. Chem., 18, 2008, 3933. https://doi.org/10.1039/b805943h

1068. Vazquez E. i in., Chem. Commun., 2002, 2308. https://doi.org/10.1039/B207436B

1069. Harutyunyan A. R. i in., J. Phys. Chem. B, 106, 2002, 8671. https://doi.org/10.1021/jp0260301

1070. MacKenzie K. i in., Sep. Purif. Technol., 66, 2009, 209.

1071. Priya B. R., Byrne H. J., J. Phys. Chem. C, 113, 2009, 7134. https://doi.org/10.1021/jp808913x

1072. Shim H. C. i in., Nanotechnology, 20, 2009, 1. https://doi.org/10.1088/0957-4484/20/6/065707

1073. Langa F., de la Cruz P., Comb. Chem. High Throughput Screening, 10, 2007, 766. https://doi.org/10.2174/138620707783018487

1074. Wang Y. i in., J. Am. Chem. Soc., 128, 2006, 95. https://doi.org/10.1021/ja053003q

1075. Della Negra F. i in., Carbon Nanostruct., 11, 2003, 25. https://doi.org/10.1081/FST-120018668

1076. Wang Y. i in., Carbon, 43, 2005, 1015. https://doi.org/10.1016/j.carbon.2004.11.036

1077. Kakade B. A., Pillai V. K., Appl. Surf. Sci., 254, 2008, 4936. https://doi.org/10.1016/j.apsusc.2008.01.148

1078. Shi S. L., Liang J., Nanotechnology, 19, 2008, 1. https://doi.org/10.1088/0957-4484/19/25/255707

1079. Song W. L. i in., Scripta Mater., 61, 2009, 201. https://doi.org/10.1016/j.scriptamat.2009.03.048

1080. Li N. i in., Nano Letters, 6, 2006, 1141. https://doi.org/10.1021/nl0602589

1081. Das N. C., Maiti S., J. Mater. Sci., 43, 2008, 1920. https://doi.org/10.1007/s10853-008-2458-8

1082. Yang Y. L., Gupta M. C., Nano Letters, 5, 2005, 2131. https://doi.org/10.1021/nl051375r

1083. Al-Saleh M. H., Sundararaj U., Carbon, 47, 2009, 1738. https://doi.org/10.1016/j.carbon.2009.02.030

1084. Su J. W. i in., Chem. Commun., 2009, 6777.

1085. Higginbotham A. L. i in., Compos. Sci. Technol., 68, 2008, 3087.

1086. Titus E. i in., J. Mater. Chem., 19, 2009, 7216. https://doi.org/10.1039/b907717k

1087. Landgraf M., G.I.T. Laboratory J., 15, 2011, 17.

1088. Edwards B.C., Westling E.A., The Space Elevator, 2003.

1089. Ruoff R.S., Lorens D.C., Carbon, 33, 1995, 925. https://doi.org/10.1016/0008-6223(95)00021-5

1090. Yu L. i in., Science, 287, 2000, 5453.

1091. Wang X. i in., Nano Letters, 9, 2009, 3137. https://doi.org/10.1021/nl901260b

1092. Ulanowski T., Gazeta Wyborcza, 21-22 października, 2006, s. 8.

1093. Marx W., Barth A., Phys. Stat. Sol. B, 245, 2008, 2347. https://doi.org/10.1002/pssb.200879660

Andrzej Huczko **Patenty w dziedzinie nanorurek węglowych**

1. Edison T.A., "Electric Lamp", US Patent Nr 223 898; 27.I.1880.

2. Hughes T.V., Chambers C.R., "Manufacture of Carbon Filaments", US Patent Nr 405 480; 18.VI.1889.

3. Pampuch R., Błażewicz S., "Method of Manufacture of Continuous Carbon Filaments from Acrylonitrile-Methyl Arylate Copolymer", PL 112180; 30.IX.1980.

4. Bacon R., "Filamentary Graphite and Method for Producing the Same", US Patent Nr 2 957 756; 25.X.1960.

5. Ebbesen T.W., Ajayan P., JP 6280116; 4.X.1994.

6. Tennent G., US Patent 4,663,230; 3.V. 1987.

7. Iijima S., US Patent 5,747,161; 5.V. 1998. https://doi.org/10.1016/S0958-2118(98)90297-X

8. Bethune D.S. i in., US Patent 5,424,054; 13.VI. 1995.

9. Dunens O.M. i in., w Nanotechnology Law and Business, Spring 2008, s. 25.

10. www.fredoniagroup.com.

11. Velasco-Santos C. i in., Chem. Phys. Lett., 272, 2003, 273.

12. Esquivel E.V., Murr L.E., Mater. Character., 15, 2004, 15. https://doi.org/10.1016/j.matchar.2004.02.005

13. Murr L.E., Soto K.F., Mater. Character., 55, 2005, 50. https://doi.org/10.1016/j.matchar.2005.02.008

14. Heymann D. i in., Fullerenes, Nanotubes & Carbon Nanostructures, 11, 2003, 333. https://doi.org/10.1081/FST-120025855

15. Daly T.K. i in., Science, 259, 1993, 1599. https://doi.org/10.1126/science.259.5101.1599

16. Cami J. i in., Science, 329, 2010, 1180. https://doi.org/10.1126/science.1192035

17. Werner M.W. i in., Astrophys. J., 154 (supp.), 2004, 1.

18. Mintmire J. i in., Phys. Rev. Lett., 68, 1992, 631. https://doi.org/10.1103/PhysRevLett.68.631

19. Marx W., Barth A., Phys. Stat. Sol. B, 245, 2008, 2347. https://doi.org/10.1002/pssb.200879660

Magdalena Kurcz, Andrzej Huczko **Krajowe badania nanorurek węglowych**

1. Lange H. i in., Ampere Workshop, Poznań, 10-13.IV.1994, Książka streszczeń, P-Z, s. 28.

2. Huczko A. i in., Full. Sci. Techn., 4, 1996, 385. https://doi.org/10.1080/10641229608001558

3. Lange H. i in., Spectr. Lett., 29, 1996, 1215. https://doi.org/10.1080/00387019608007117

4. Huczko A., Full. Sci. Techn., 5, 1997, 1091. https://doi.org/10.1080/15363839708009603

5. Byszewski P. i in., J. Phys. Chem. Solids, 58, 1997, 1679. https://doi.org/10.1016/S0022-3697(97)00051-6

6. Lange H. i in., Rev. Sci. Instr., 68, 1997, 3723. https://doi.org/10.1063/1.1148016

7. Huczko A. i in., J. Phys. Chem. A, 101, 1997, 1267. https://doi.org/10.1021/jp962714v

8. Kowalska E. i in., J. Thermal Anal. Calorim., 54, 1998, 197. https://doi.org/10.1023/A:1010137506956

9. Lange H. i in., Chem. Phys. Lett., 289, 1998, 174. https://doi.org/10.1016/S0009-2614(98)00382-0

10. Lange H. i in., Czech. J. Phys., 49, 1999, 933. https://doi.org/10.1023/A:1021472818324

11. Lange H. i in., Carbon, 37, 1999, 851. https://doi.org/10.1016/S0008-6223(98)00284-X

12. Huczko A. i in., Full. Sci. Techn., 7, 1999, 935. https://doi.org/10.1080/10641229909351390

13. Huczko A. i in., J. Phys. Chem. A, 104, 2000, 10708. https://doi.org/10.1021/jp002842q

14. Huczko A. i in., Czech. J. Phys., 50, 2000, 615. https://doi.org/10.1023/A:1022806301435

15. Huczko A., Appl. Phys. A: Mater. Sci. Proces., 70, 2000, 365. https://doi.org/10.1007/s003390051050

16. Lange H. i in., New Diamond and Frontier Carbon Techn., 11, 2001, 399.

17. Saidane K. i in., High Temp. Mater. Processes, 5, 2001, 243. https://doi.org/10.1615/HighTempMatProc.v5.i2.90

18. Lange H., Huczko A., Chem. Phys. Lett., 340, 2001, 1. https://doi.org/10.1016/S0009-2614(01)00333-5

19. Kushch N.D. i in., Chem. Phys. Lett., 215, 1993, 137.

20. Ciesielski W., Majchrzak J., Wiad. Chem., 48, 1994, 255.

21. Lange H. i in., Berichte, 1166, 1995, 325.

22. Pacheco M. i in., Braz. J. Phys., 34, 2004, 1684. https://doi.org/10.1590/S0103-97332004000800032

23. Cota G. i in., Trans. Mater. Res. Soc. Jpn., 29, 2004, 549.

24. Bystrzejewski M. i in., Appl. Phys. A, 91, 2008, 223. https://doi.org/10.1007/s00339-008-4400-y

25. Huczko A. i in., J. Phys. Chem. B, 106, 2002, 1534. https://doi.org/10.1021/jp013669g

26. Huczko A. i in., High Temp. Mater. Processes, 6, 2002, 369. https://doi.org/10.1615/HighTempMatProc.v6.i3.100

27. Huczko A., Appl. Phys. A, 70, 2000, 365. https://doi.org/10.1007/s003390051050

28. Huczko A., Appl. Phys. A, 74, 2002, 617. https://doi.org/10.1007/s003390100929

29. Huczko A. Full. Sci. Techn., 5(6), 1997, 1091. https://doi.org/10.1080/15363839708009603

30. Huczko A. i in., Przem. Chem., 76, 1997, 339. https://doi.org/10.1023/A:1003285605919

31. Huczko A. i in., Przem. Chem., 79, 2000, 10.

32. Huczko A., Przem. Chem., 81, 2002, 19. https://doi.org/10.1136/emj.19.1.81

33. Lange H. i in., Elektronika, 1, 1997, 10.

34. Byszewski P. i in., J. Phys. Chem. Solids, 58, 1997, 1679. https://doi.org/10.1016/S0022-3697(97)00051-6

35. Lange H., Full. Sci. Techn., 5(6), 1997, 1177.

36. Lange H. i in., J. Phys. D: Appl. Phys., 32, 1999, 1024. https://doi.org/10.1088/0022-3727/32/9/313

37. Geohegan D.B. i in., Phys. Stat. Sol. B, 244, 2007, 3944. https://doi.org/10.1002/pssb.200776204

38. Lange H. i in., J. Nanosci. Nanotechnol., 3, 2003, 51. https://doi.org/10.1166/jnn.2003.191

39. Lange H., Huczko A., Trans. Mater. Res. Soc. Jpn., 29, 2004, 3359.

40. Lange H. i in., Rev. Sci. Instrum., 68, 1997, 3723. https://doi.org/10.1063/1.1148016

41. Sioda M. i in., Acta Phys. Slov., 55, 2005, 405.

42. Łabędź O. i in., Carbon, 47, 2009, 2847. https://doi.org/10.1016/j.carbon.2009.06.031

43. Lange H. i in., Diamond Relat. Mater., 15, 2006, 1113. https://doi.org/10.1016/j.diamond.2005.11.026

44. Lange H. i in., Plasma Chem. Plasma Process., 22, 2002, 523. https://doi.org/10.1023/A:1021367429047

45. Huczko A. i in., J. Phys. Chem. A, 104, 2000, 10708. https://doi.org/10.1021/jp002842q

46. Lange H. i in., Carbon, 41, 2003, 1617. https://doi.org/10.1016/S0008-6223(03)00111-8

47. Bystrzejewski M. i in., Fullerenes Nanotubes Carbon Nanostruct., 14, 2006, 207. https://doi.org/10.1080/15363830600728066

48. Pacheco M. i in., Braz. J. Phys., 34(4b), 2004, 1684. https://doi.org/10.1590/S0103-97332004000800032

49. Cota-Sanchez G. i in., Trans. Mater. Res. Soc. Jpn., 29, 2004, 549.

50. Cota-Sanchez G. i in., J. Phys. Chem. B, 108, 2004, 19210. https://doi.org/10.1021/jp047629z

51. Cota-Sanchez G. i in., Carbon, 43, 2005, 3153. https://doi.org/10.1016/j.carbon.2005.06.018

52. Bystrzejewski M. i in., Appl. Phys. A, 91, 2008, 223. https://doi.org/10.1007/s00339-008-4400-y

53. Huczko A. i in., J. Phys. Chem. B, 106, 2002, 1534. https://doi.org/10.1021/jp013669g

54. Kowalska E. i in., J. Mater. Res., 18, 2003, 2451. https://doi.org/10.1557/JMR.2003.0341

55. Bystrzejewki M. i in., Fullerene Nanotubes Carbon Nanostruct., 17, 2009, 298.

56. Bachmatiuk A. i in., Phys. Stat. Sol. B, 246, 2009, 2486.

57. Bystrzejewski M. i in., Phys. Stat. Sol. RRL, 3, 2009, 193. https://doi.org/10.1002/pssr.200903088

58. Zdrojek M. i in., Appl. Phys. Lett., 86, 2005, 213114. https://doi.org/10.1063/1.1925782

59. Kowalska E. i in., J. Therm. Anal. Calorim., 86, 2006, 115. https://doi.org/10.1007/s10973-006-7585-3

60. Bystrzejewski M. i in., J. Colloid Interface Sci., 345, 2010, 138. https://doi.org/10.1016/j.jcis.2010.01.081

61. Bystrzejewski M. i in., Plasma Chem. Plasma Process., 29, 2009, 79. https://doi.org/10.1007/s11090-009-9168-0

62. Huczko A., Lange H., Fullerene Sci. Technol., 9, 2001, 247. https://doi.org/10.1081/FST-100102972

63. Huczko A. i in., Fullerene Sci. Technol., 9, 2001, 251. https://doi.org/10.1081/FST-100102973

64. Huczko A. i in., Fullerenes Nanotubes Carbon Nanostruct., 13, 2005, 141. https://doi.org/10.1081/FST-200050691

65. Grubek-Jaworska H. i in., Carbon, 44, 2006, 1057. https://doi.org/10.1016/j.carbon.2005.12.011

66. Bystrzejewski M. i in., Mater. Lett., 63, 2009, 1767. https://doi.org/10.1016/j.matlet.2009.05.030

67. Huczko A. i in., J. Phys. Condens. Matter., 19, 2007, 395022. https://doi.org/10.1088/0953-8984/19/39/395022

68. Karnicka K. i in., Biotechnologia, 4, 2007, 25.

69. Belcarz A. i in., Centr. Europ. J. Biol., 8, 2013, 534.

70. Belcarz A. i in., Phytochemistry, 69, 2008, 627. https://doi.org/10.1016/j.phytochem.2007.08.018

71. Kowalewska B. i in., ECS Trans., 6, 2007, 81.

72. Kowalewska B. i in., Electrochim. Acta, 53, 2008, 2408. https://doi.org/10.1016/j.electacta.2007.10.005

73. Karnicka K. i in., Anal. Chem., 80, 2008, 7643. https://doi.org/10.1021/ac8011297

74. Okunola A. i in., Electrochim. Acta, 54, 2009, 1954. https://doi.org/10.1016/j.electacta.2008.07.077

75. Kowalewska B., Kulesza P.J., ECS Trans., 13, 2008, 1.

76. Kowalewska B., Kulesza P.J., Electroanalysis, 21, 2009, 351. https://doi.org/10.1002/elan.200804396

77. Kulesza P. i in., Electrochim. Acta, 51, 2006, 2373. https://doi.org/10.1016/j.electacta.2005.06.041

78. Skutnik M. i in., Anal. Chim. Acta, 631, 2009, 153. https://doi.org/10.1016/j.aca.2008.10.031

79. Dembińska B., Kulesza P., Electrochim. Acta, 54, 2009, 4682. https://doi.org/10.1016/j.electacta.2009.03.043

80. Pyrzyńska K. i in., Microchim. Acta, 159, 2007, 293. https://doi.org/10.1007/s00604-007-0739-6

81. Pyrzyńska K., Anal. Sci., 23, 2007, 631. https://doi.org/10.2116/analsci.23.631

82. Stafiej A., Pyrzyńska K., Sep. Purif. Technol., 58, 2007, 49. https://doi.org/10.1016/j.seppur.2007.07.008

83. Stafiej A., Pyrzyńska K., Microchem. J., 89, 2008, 29. https://doi.org/10.1016/j.microc.2007.11.001

84. Pyrzyńska K., Sep. Purif. Rev., 37, 2008, 375. https://doi.org/10.1146/annurev.anthro.37.081407.085120

85. Pyrzyńska K., Microchim. Acta, 169, 2010, 7. https://doi.org/10.1007/s00604-010-0305-5

86. Pyrzyńska K., Trends Anal. Chem., 29, 2010, 718. https://doi.org/10.1016/j.trac.2010.03.013

87. Pyrzyńska K., Bystrzejewski M., Colloids Surf. A, 362, 2010, 102. https://doi.org/10.1016/j.colsurfa.2010.03.047

88. Trojanowicz M. i in., Anal. Lett., 37, 2004, 3185. https://doi.org/10.1081/AL-200040320

89. Deo R.P. i in., Anal. Chim. Acta, 530, 2005, 185. https://doi.org/10.1016/j.aca.2004.09.072

90. Trojanowicz M., Trends Anal. Chem., 25, 2006, 480. https://doi.org/10.1016/j.trac.2005.11.008

91. Wcisło M. i in., Bioelectrochem., 71, 2007, 91. https://doi.org/10.1787/nuclear_law-2007-5k9gw7n4rs9q

92. Trojanowicz M., Wcisło M., Proceedings of Analytical Conference, Mumbai, India, 24-25.09.2006, s. 82.

93. Musijowski J. i in., Anal. Chim. Acta, 600, 2007, 147. https://doi.org/10.1016/j.aca.2007.03.068

94. Trojanowicz M., J. Flow-Injection Anal., 25, 2008, 5.

95. Skowroński J.M. i in., Electrochim. Acta, 52, 2007, 5677. https://doi.org/10.1016/j.electacta.2006.12.008

96. Skowroński J.M. i in., J. Nanosci. Nanotechnol., 9, 2009, 3858.

97. Stryjewska E. i in., Chem. Anal. (Warsaw), 52, 2007, 1037.

98. Sadowska K. i in., Polish J. Chem., 55, 2008, 82.

99. Nazaruk E. i in., ABC, 391, 2008, 1569. https://doi.org/10.1007/s00216-008-2149-y

100. Nazaruk E. i in., J. Power Sources, 183, 2008, 533. https://doi.org/10.1016/j.jpowsour.2008.05.061

101. Nazaruk E. i in., Electroanalysis, 21, 2009, 507. https://doi.org/10.1002/elan.200804435

102. Sadowska K. i in., Carbon, 47, 2009, 1501. https://doi.org/10.1016/j.carbon.2009.01.044

103. Bilewicz R. i in., ECS Trans., 19, 2009, 27.

104. Sadowska K. i in., Bioelectrochem., 80, 2010, 73. https://doi.org/10.1016/j.bioelechem.2010.06.003

105. Nazaruk E. i in., Anal. Bioanal. Chem., 398 , 2010, 1651. https://doi.org/10.1007/s00216-010-4012-1

106. Rius-Ruiz F.X. i in., Anal. Bioanal. Chem., 399, 2011, 3613. https://doi.org/10.1007/s00216-011-4689-9

107. Popławska M. i in., Carbon, 48, 2010, 1312. https://doi.org/10.1016/j.carbon.2009.01.036

108. Ciecierska E. i in., J. Mater. Sci., 45, 2010, 2305. https://doi.org/10.1007/s10853-009-4192-2

109. Władyka-Przybylak M. i in., Polym..Adv. Technol., 22, 2011, 48. https://doi.org/10.1002/pat.1768

110. Ciecierska E. i in., Nanotechnologia - PL, 14.09.2010, Warszawa, Książka streszczeń, s. 22.

111. Ciecierska E. i in., 8th Int. Conf. on Nanoscience & Nanotechnologies, 12-15.07.2011, Thessaloniki, Grecja, Książka streszczeń, s. 355.

112. Ciecierska E. i in., 5th Int. Conf. on Adv. Mater. and Nanotechnology, 7-11.02.2011, Wellington, Nowa Zelandia, Książka streszczeń: Plakat TP 119.

113. Ciecierska E. i in., 2nd Workshop on Green Chemistry and Nanotechnologies in Polymer Chemistry, 5-6.05.2011, Ryga, Łotwa, Książka streszczeń, s. 30.

114. Ciecierska E. i in., 2nd Int. Nanotechnology Conf. & Exhibition NanoIzrael 2010, 8-9.11.2010, Tel Aviv, Izrael.

115. Dodziuk, H., Introduction to Supramolecular Chemistry, Kluwer, Dordrecht 2002.

116. Dodziuk H., Wstęp do chemii supramolekularnej, seria "Świat Nanotechnologii", Wydawnictwa Uniwersytetu Warszawskiego, Warszawa 2008.

117. Dodziuk H., Dolgonos G., Chem. Phys. Lett., 356, 2002, 79. https://doi.org/10.1016/S0009-2614(02)00368-8

118. Dodziuk H. i in., Chem. Commun., 2003, 986. https://doi.org/10.1039/b211365a

119. Dinadayalane T.C. i in., AIP Conf. Proc., 786, 2005, 436.

120. Dinadayalane T.C. i in., Int. J. Quant. Chem., 107, 2007, 2204. https://doi.org/10.1002/qua.21366

121. Slanina Z. i in., Int. J. Nanosci., 1, 2002, 303. https://doi.org/10.1142/S0219581X0200019X

122. Lii C.Y. i in., Carbohydr. Polym., 51, 2003, 93. https://doi.org/10.1016/S0144-8617(02)00122-4

123. Stobiński L. i in., Carbohydr. Polym., 51, 2003, 311. https://doi.org/10.1016/S0144-8617(02)00213-8

124. Stobiński L. i in., Synth. Metals, 135-136, 2003, 741. https://doi.org/10.1016/S0379-6779(02)00827-5

125. Slanina Z. i in., J. Nanosci. Nanotechnol., 3, 2003, 193. https://doi.org/10.1166/jnn.2003.190

126. Stobiński L. i in., AIP Conf. Proc., 685, 2003, 435.

127. Stobiński L. i in., Reviews on Advanced Material Science, 5, 2003, 363,.

128. Hsiou Y.F. i in., Appl. Phys. Lett., 84, 2004, 984. https://doi.org/10.1063/1.1645985

129. Stobiński L., Lin H.M., Chin. J. Process Eng., 4, 2004, 493.

130. Hsiou Y.F. i in., Chin. J. Phys., 43, 2005, 293.

131. Polaczek E. i in., J. Nanosci. Nanotechnol., 5, 2005, 39.

132. Lin C.R. i in., Diamond Relat. Mater., 14, 2005, 794. https://doi.org/10.1016/j.diamond.2004.12.005

133. Stobiński L. i in., J. Nanosci. Nanotechnol., 5, 2005, 2121. https://doi.org/10.1166/jnn.2005.410

134. Hsiou Y.F. i in., Jpn. J. Appl. Phys., 44, 2005, 4245. https://doi.org/10.1143/JJAP.44.4245

135. Stobiński L. i in., Surf. Coat. Technol., 200, 2006, 3203.

136. Su C.H. i in., Surf. Coat. Technol., 200, 2006, 3211.

137. Bonarowska M. i in., Solid State Phenomena, 128, 2007, 261. https://doi.org/10.4028/www.scientific.net/SSP.128.261

138. Stobinski L. i in., Mater. Sci. Pol., 25, 2007, 679.

139. Lemek T. i in., J. Nanosci. Nanotechnol., 7, 2007, 3081. https://doi.org/10.1166/jnn.2007.667

140. Polaczek E. i in., Polimery, 52, 2007, 34. https://doi.org/10.14314/polimery.2007.034

141. Stobiński L. i in., Polish J. Chem., 81, 2007, 1971.

142. Stobiński L. i in., Polimery, 53, 2008, 571. https://doi.org/10.14314/polimery.2008.571

143. Stobiński L. i in., J. Alloys Compd., 455, 2008, 137. https://doi.org/10.1016/j.jallcom.2007.08.026

144. Lesiak B. i in., Phys. Stat. Sol. B, 246, 2009, 2645.

145. Chelmecka E. i in., J. Mol. Struct.: THEOCHEM , 948, 2010, 93. https://doi.org/10.1016/j.theochem.2010.02.026

146. Stobiński L. i in., J. Alloys Compd., 501, 2010, 77. https://doi.org/10.1016/j.jallcom.2010.04.032

147. Chen C.H. i in., Phys. Stat. Sol. A, 207, 2010, 1160.

148. Pięta P. i in., Phys. Stat. Sol. B, 245, 2008, 2292.

149. Pięta P. i in., J. Phys. Chem. B, 113, 2009, 6682. https://doi.org/10.1021/jp810173c

150. Grodzka E. i in., Electrochim. Acta, 54, 2009, 5621. https://doi.org/10.1016/j.electacta.2009.04.066

151. Pięta P. i in., J. Phys. Chem. C, 113, 2009, 14046. https://doi.org/10.1021/jp903891v

152. Pięta P. i in., J. Phys. Chem. C, 114, 2010, 8150. https://doi.org/10.1021/jp912033q

153. Sherigara B. S. i in., Electroanalysis, 15, 2003, 753. https://doi.org/10.1002/elan.200390094

154. Pięta P. i in., Handbook of Carbon Nano Materials. Fundamentals and Applications (red. D'Souza F. i Kadish K. M.), World Scientific Publishing Co., Singapore 2011, t. 2, s. 693.

155. Nogala W. i in., Bioelectrochem., 79, 2010, 101. https://doi.org/10.1016/j.bioelechem.2009.12.009

156. Jönsson-Niedziółka M. i in., Electrochim. Acta, 55, 2010, 8744. https://doi.org/10.1016/j.electacta.2010.07.101

157. Jönsson-Niedziółka M. i in., Electrochem. Commun., 11, 2009, 1042. https://doi.org/10.1016/j.elecom.2009.03.007

158. Jönsson-Niedziółka M. i in., J. Nanosci. Nanotechnol., 9, 2009, 2346. https://doi.org/10.1166/jnn.2009.SE37

159. Bachmatiuk A. i in., Nanotechnology, 19, 2008, 365605. https://doi.org/10.1088/0957-4484/19/36/365605

160. Bachmatiuk A. i in., Phys. Stat. Sol. B, 245, 2008, 1931.

161. Rümmeli M.H. i in., Phys. Stat. Sol. B, 245, 2008, 1939.

162. Costa S. i in., Energy Convers. Manage., 49, 2008, 2483. https://doi.org/10.1016/j.enconman.2008.01.040

163. Bachmatiuk A. i in., Mater. Sci. Pol., 26, 2008, 2.

164. Bachmatiuk A. i in., Nanotechnology, 18, 2007, 275610. https://doi.org/10.1088/0957-4484/18/27/275610

165. Rümmeli M.H. i in., J. Am. Chem. Soc., Communication, 129, 2007, 15772. https://doi.org/10.1021/ja0779405

166. Borowiak-Palen E. i in., Low-dimensional Systems and Nanostructures, 40, 2008, 2227. https://doi.org/10.1016/j.physe.2007.10.105

167. Bachmatiuk A. i in., Phys. Stat. Sol. B, 244, 2007, 3925. https://doi.org/10.1002/pssb.200776147

168. Bachmatiuk A. i in., Chem. Ind., 9, 2007, 86.

169. Borowiak-Palen E. i in., Phys. Stat. Sol. B, 243, 2006, 3277. https://doi.org/10.1002/pssb.200669112

170. Stęplewska A. i in., Polish J. Chem. Technol., 10, 2008, 1. https://doi.org/10.2478/v10026-008-0028-0

171. Stęplewska A. i in., Acta Phys. Pol. B, 160, 2009, 93. https://doi.org/10.12693/APhysPolA.116.93

172. Borowiak-Palen E. i in., Phys. Stat. Sol. B, 246, 2009, 2448. https://doi.org/10.1002/pssb.200982263

173. Borowiak-Palen E. i in., Mater. Sci. Forum, 636-637, 2010, 703. https://doi.org/10.4028/www.scientific.net/MSF.636-637.703

174. Stęplewska A. i in., Chem. Pap. - Chem. Zvesti, 64, 2010, 255.

175. Stęplewska A. i in., J. Nanopart. Res., doi: 10.1007/s11051-010-9952-z (2010). https://doi.org/10.1007/s11051-010-9952-z

176. Jędrzejewska A. i in., Pol. J. Chem. Technol., 12, 2010, 29.

177. Boncel S. i in., 11th Int. Conf. on the Sci. and Appl. of Nanotubes NT10, Montreal, Canada 2010, http://nt10.org/NT2010_FinalProgram_AbstractBook.pdf.

178. Boncel S. i in., 2nd Ann. Symp. on the Sci. and Appl. of Carbon Nanotubes and Related Structures, 5.12.2008 Cambridge, The United Kingdom.

179. Boncel S. i in., Int. Polymer Seminar, 26.06.2008, Gliwice, Poland, P-7.

180. Kozioł S., Boncel S., Int.. Conf. on the Sci. and Appl. of Nanotubes 19-24.07.2004, San Luis Potosí, Mexico, NT04_ABSTRACTS, s. 144.

181. Boncel S., Forum Akademickie, 2, 2008, 38. https://doi.org/10.1002/chin.200705153

182. Boncel S., Forum Akademickie, 5, 2009, 36.

183. Liszka B. i in., Acta Phys. Pol. A, 118, 2010, 471. https://doi.org/10.12693/APhysPolA.118.471

184. Dobrzański L.A. i in., Acta Phys. Pol. A, 118, 2010, 483. https://doi.org/10.12693/APhysPolA.118.483

185. Dobrzański L.A. i in., J. of Achievements in Materials and Manufacturing Engineering, 39, 2010, 184.

186. Krztoń A. i in., w Zawansowane materiały węglowe (red. Machnikowski J. i Ściążko M.), Wyd. Instytutu Chemicznej Przeróbki Węgla, Zabrze 2010, t. 3, s. 251.

187. Krztoń A., Muszyński J., w Czysta Energia, Produkty Chemiczne i Paliwa z Węgla- Ocena Potencjału Rozwojowego (red. Borowiecki T. i in.), Zabrze 2008, s. 365.

188. Carbon Materials for Electrochemical Energy Storage and Conversion Systems (red. Beguin F. i Frąckowiak E.), CRC Press, Taylor & Francis, Boca Raton, USA 2010.

189. Lota G., Frąckowiak E., Fuel Cells, 10, 2010, 1. https://doi.org/10.1002/fuce.201000032

190. Furmaniak S. i in., J. Colloid Interface Sci., 317, 2008, 442. https://doi.org/10.1016/j.jcis.2007.09.067

191. Frąckowiak E., w Encyclopedia of Nanoscience and Nanotechnology (red. Lyshevski S.E. i in.), Taylor & Francis Group, 2008, s. 707. https://doi.org/10.1201/NOE0849396397.ch63

192. Lota G. i in., Electrochem. Commun., 9, 2007, 1828. https://doi.org/10.1016/j.elecom.2007.04.015

193. Lota G. i in., Chem. Phys. Lett., 434, 2007, 73. https://doi.org/10.1016/j.cplett.2006.11.089

194. Frąckowiak E. i in., J. Power Sources, 153, 2006, 413. https://doi.org/10.1016/j.jpowsour.2005.05.030

195. Frąckowiak E. i in., Electrochem. Commun., 8, 2006, 129. https://doi.org/10.1016/j.elecom.2005.10.015

196. Delpeux-Ouldriane S. i in., Carbon, 44, 2006, 814. https://doi.org/10.1016/j.carbon.2005.10.028

197. Frąckowiak E., F. Béguin, Chem. Phys. Lett., 421, 2006, 409. https://doi.org/10.1016/j.cplett.2006.02.003

198. Chłopek J. i in., Carbon, 44, 2006, 1106. https://doi.org/10.1016/j.carbon.2005.11.022

199. Kulesza J.P. i in., Electrochim. Acta, 51, 2006, 2373. https://doi.org/10.1016/j.electacta.2005.06.041

200. Béguin F. i in., Carbon, 44, 2006, 2392. https://doi.org/10.1016/j.carbon.2006.05.025

201. Jurewicz K. i in., Carbon, 44, 2006, 2368. https://doi.org/10.1016/j.carbon.2006.05.044

202. Jurewicz K., Babeł K., Karbo, 4, 2006, 206.

203. Gauden P.A. i in., Chem. Phys. Lett., 421, 2006, 409.

204. Béguin F. i in., Adv. Mater., 17, 2005, 2380. https://doi.org/10.1002/adma.200402103

205. Raymundo-Pinero E. i in., J. Electrochem. Soc., 152, 2005, A229. https://doi.org/10.1149/1.1834913

206. Delpeux S. i in., Chem. Phys. Lett., 404, 2005, 374. https://doi.org/10.1016/j.cplett.2005.01.108

207. Khomenko V. i in., Electrochim. Acta, 50, 2005, 2499. https://doi.org/10.1016/j.electacta.2004.10.078

208. Frąckowiak E. i in., Polish J. Chem., 78, 2004, 1345.

209. Frąckowiak E., w Encyclopedia of Nanoscience and Nanotechnology (red. Nalwa H.S.), American Scientific Publishers, New York 2004, s. 537.

210. Jurewicz K. i in., Appl. Phys. A, 78, 2004, 981. https://doi.org/10.1007/s00339-003-2418-8

211. Frąckowiak E. i in., Mol. Cryst. Liq. Cryst., 387, 2002, 73.

212. Frąckowiak E., Béguin F., Carbon, 40, 2002, 1775. https://doi.org/10.1016/S0008-6223(02)00045-3

213. Delpeux S. i in., J. Nanosci. Nanotechnol., 2, 2002, 1. https://doi.org/10.1166/153348802760394034

214. Raymundo-Pinero E. i in., Carbon, 40, 2002, 1614. https://doi.org/10.1016/S0008-6223(02)00134-3

215. Frąckowiak E. i in., Chem. Phys. Lett., 361, 2002, 35. https://doi.org/10.1016/S0009-2614(02)00684-X

216. Frąckowiak E. i in., Fuel Process. Technol., 77, 2002, 213. https://doi.org/10.1016/S0378-3820(02)00078-4

217. Jurewicz K. i in., Chem. Phys. Lett., 347, 2001, 36. https://doi.org/10.1016/S0009-2614(01)01037-5

218. Frąckowiak E. i in., J. Power Sources, 97-98, 2001, 822. https://doi.org/10.1016/S0378-7753(01)00736-4

219. Frąckowiak E. i in., Carbon, 39, 2001, 937. https://doi.org/10.1016/S0008-6223(00)00183-4

220. Béguin F. i in., Mol. Cryst. Liq. Cryst., 340, 2000, 547.

221. Frąckowiak E. i in., Appl. Phys. Lett., 77, 2000, 2421. https://doi.org/10.1063/1.1290146

222. Leroux F. i in., J. Power Sources, 81-82, 1999, 317. https://doi.org/10.1016/S0378-7753(99)00130-5

223. Frąckowiak E. i in., Carbon, 37, 1999, 61. https://doi.org/10.1016/S0008-6223(98)00187-0

224. Frąckowiak E. i in., w Electronic Properties of Novel Materials-Science and Technology of Molecular Nanostructures (red. Kuzmany H. i in.), American Institute of Physics, Melville, New York 1999, s. 429.

225. Béguin F. i in., w Electronic Properties of Novel Materials-Science and Technology of Molecular Nanostructures (red. Kuzmany H. i in.), American Institute of Physics, Melville, New York 1999, s. 273.

226. Frączek-Szczypta A. i in., J. Mater. Sci., 44, 2009, 4721. https://doi.org/10.1007/s10853-009-3730-2

227. Frączek A. i in., Acta Biomater., 4, 2008, 1593. https://doi.org/10.1016/j.actbio.2008.05.018

228. Stodolak E. i in., Acta Phys. Pol., 118, 2010, 450. https://doi.org/10.12693/APhysPolA.118.450

229. Bacakova L. i in., Diamond Relat. Mater., 16, 2007, 2133. https://doi.org/10.1016/j.diamond.2007.07.015

230. Mikołajczyk T. i in., Fibres Text. East. Eur., 17, 2009, 13.

231. Frączek A., Błażewicz S., J. Phys. Conf. Ser., 146, 2009, 012005. https://doi.org/10.1088/1742-6596/146/1/012005

232. Frączek A. i in., Acta Biochim. Pol., 55, 2008, 80.

233. Mikołajczyk T. i in., Fibres Text. East. Eur., 18, 2010, 16.

234. Menaszek E., Błażewicz S., w Nanotechnology for Tissue Engineering Application (red. Yu X.-J. i in.), Hindawi Publishing Corp., ID 473516, 2011.

235. Stodolak E. i in., J. Mol. Struct., 924-926, 2009, 208. https://doi.org/10.1016/j.molstruc.2009.01.018

236. Stodolak-Zych E. i in., Modern Polymeric Materials for Environmental Application, 4th International Seminar, Kraków, 1-3.12.2010, s. 169.

237. Frączek-Szczypta A. i in., Przem. Chem., 91, 2012, 1191.

238. Grodzka E. i in., Electrochim. Acta, 54, 2009, 5621. https://doi.org/10.1016/j.electacta.2009.04.066

239. Pięta P. i in., J. Phys. Chem. B, 113, 2009, 6682. https://doi.org/10.1021/jp810173c

240. Pięta P. i in., Phys. Stat. Sol. B, 245, 2008, 2292.

Andrzej Huczko **Zakończenie**

1. Bystrzejewska-Piotrowska G. i in., Waste Management, 29, 2009, 2587. https://doi.org/10.1016/j.wasman.2009.04.001

2. Environmental and Human Impacts of Nanotechnology (red. Lead J.R. i Smith E.), Wiley & Sons, Hoboken, USA 2009.

3. Shatkin J.A., Nanotechnology. Health and Environmental Risks, CRC Press, Taylor & Francis Group, Boca Raton, USA 2008. https://doi.org/10.1201/9781420053647

4. Xia T. i in., Material Matters, 5, 2010, 82. 5. http://www.cdc.gov/niosh/topics/ctrlbanding/#conf.

6. Davis J.M., J. Nanosci. Nanotech., 7, 2007, 402. https://doi.org/10.1166/jnn.2007.152

7. Borm P.J.A., Kreyling W., J. Nanosci. Nanotech., 4, 2004, 521. https://doi.org/10.1166/jnn.2004.081

8. Zapór L., Bezpieczeństwo Pracy, 1/2012, 4.

9. Huczko A. i in., Full. Sci. Techn., 9, 2001, 117.

10. Huczko A. i in., Full. Sci. Techn., 9, 2001, 121.

11. Huczko A. i in., Am. Inst. Phys. Proc., 723, 2004, 95.

12. Grubek-Jaworska H. i in., Carbon, 44, 2006, 1057. https://doi.org/10.1016/j.carbon.2005.12.011

13. Huczko A. i in., Fullerenes, Nanotubes and Carbon Nanostructures, 13, 2005, 141. https://doi.org/10.1081/FST-200050691

14. Huczko A. i in., Full. Sci. Techn., 7, 1999, 935. https://doi.org/10.1080/10641229909351390

15. Huczko A. i in., Wiad. Chem., 53, 1999, 811.

16. Ren H.-X. i in., Materials Today, 13, 2010, 6. https://doi.org/10.1016/S1369-7021(10)70002-X

17. Davoren M. i in., Toxicol. In Vitro, 21, 2007, 438. https://doi.org/10.1016/j.tiv.2006.10.007

18. Casey A. i in., Toxicol. Lett., 179, 2008, 78. https://doi.org/10.1016/j.toxlet.2008.04.006

19. Casey A. i in., Carbon, 45, 2007, 34. https://doi.org/10.1016/j.carbon.2006.08.009

20. Herzog E. i in., Toxicol. Appl. Pharm., 234, 2009, 378.

21. Guo L. i in., Small, 4, 2088, 721. https://doi.org/10.1002/smll.200700754

22. Kalbacova M. i in., Carbon, 45, 2007, 2266. https://doi.org/10.1016/j.carbon.2007.06.025

23. Cherukuri P. i in., J. Am. Chem. Soc., 126, 2004, 15638. https://doi.org/10.1021/ja0466311

24. Leeuw T.K. i in., Nano Letters, 7, 2007, 2650. https://doi.org/10.1021/nl0710452

25. Garibaldi S. i in., Nanotechnology, 17, 2006, 391. https://doi.org/10.1088/0957-4484/17/2/008

26. Cui D.X. i in., Toxicol. Lett., 155, 2005, 73. https://doi.org/10.1016/j.toxlet.2004.08.015

27. Raja P.M. i in., Toxicol. Lett., 169, 2007, 51. https://doi.org/10.1016/j.toxlet.2006.12.003

28. Li Z. i in., Health Persp., 115, 2007, 377.

29. Murray A.R. i in., Toxicology, 257, 2009, 161. https://doi.org/10.1016/j.tox.2008.12.023

30. Tian R.F. i in., Toxicol. In Vitro, 20, 2006, 1202. https://doi.org/10.1016/j.tiv.2006.03.008

31. Shvedova A.A. i in., J. Toxicol. Env. Health-Pt. A, 66, 2003, 1909. https://doi.org/10.1080/713853956

32. Shvedova A.A. i in., Am. J. Physiol.-Lung Cell. Mol. Physiol., 289, 2005, L698.

33. Hara K. i in., Materials Today, 14, 2011, 434. https://doi.org/10.1016/S1369-7021(11)70188-2

34. Forte G. i in., Sci. Total Environ., 407, 2009, 5997. https://doi.org/10.1016/j.scitotenv.2009.08.034

35. Vitiello M. i in., J. Clin. Aesthet. Dermatol., 3, 2010, 54.

36. Poland C.A., Nature Nanotechn., 3, 2008, 423.

37. Auffan M. i in., Nature Nanotechn., 4, 2009, 634. https://doi.org/10.1038/nnano.2009.242

38. Porter W. i in., Toxicology, 269, 2010, 136. https://doi.org/10.1016/j.tox.2009.10.017

39. Fiorito S. i in., J. Nanosci. Nanotechnol., 6, 2006, 591. https://doi.org/10.1166/jnn.2006.125

40. Schipper M.L. i in., Nature Nanotechnol., 3, 2008, 216.

41. Liu Z. i in., Proc. Natl. Acad. Sci. USA, 105, 2008, 1410.

42. Bai Y. i in., Nature Nanotechnol., 5, 2010, 683.

43. Xinghua Shi i in., Nature Nanotechnol., 6, 2011, 714. https://doi.org/10.1038/nnano.2011.151

44. Kalbacova M. I in., Phys. Stat. Sol. RRL, 2, 2008, 194. https://doi.org/10.1002/pssr.200802080

45. Nanotechnologia, kosmetyki, chemia supramolekularna (red. Schroeder G.), Wyd. Cursiva, Poznań 2010, s. 89.

46. Waszkiewicz-Robak B., Świderski F., Bromat. Chem. Toksykol., XLI, 2008, 3.

47. www.nhecd-fp7.eu.

48. www.jrc.ec.europa.eu.

49. von Schomberg R., Technikfolgen abschaetzen lehren: Bildungspotenziale transdisziplinaerer Methoden (red. Dusseldorp M., Beecroft R.), Vs Verlag, Wiesbaden 2011.

50. Endo M., NIMS Now Int.., 6, 2008, 10.

51. Iijima S., NIMS Now Int., 8, 2010, 7.

52. Iijima S., CONVERGENCE, 10, 2012, 2.

53. Marx W., Barth A., Phys. Stat. Sol. B, 245, 2008, 2347. https://doi.org/10.1002/pssb.200879660

54. Barth A., Marx W., J. Supercond. Novel Magn., 21, 2008, 11. https://doi.org/10.1007/s10948-008-0307-2

55. Iijima S., Nature, 354, 1991, 56. https://doi.org/10.1038/354056a0

56. Thess A. i in., Science, 273, 1996, 483. https://doi.org/10.1126/science.273.5274.483

57. Yumura M., Kagaku Kogaku, 63, 1999, 321.