

1. C. M. Roland, M. Paluch, T. Pakuła and R. Casalini, "Volume and temperature as control parameters for the dielectric relaxation of polymers and molecular glass formers", **Phil. Mag.**, **84** (13-16) 1573-1581 (2004). - 24 pkt.
2. K.L. Ngai, M. Paluch, "Classification of secondary relaxation in glass-formers based on dynamic properties", **J. Chem. Phys.**, **120**, 2, 857-873 (2004). - 24 pkt.
3. M. Paluch, M. Sekuła, S. Maślanka, K. Mańczyk, W. Sułkowski, S. J. Rzoska, J. Ziolo, "Effect of pressure on dynamic heterogeneity in dendrimeric alkyd resin", **J. Chem. Phys.**, **120**, 4 (2004). - 24 pkt.
4. S. Hensel-Bielówka, S. Pawlus, C.M. Roland, J. Ziolo, M. Paluch, "Effect of large hydrostatic pressure on the dielectric loss spectrum of type-A glass formers", **Phys. Rev. E** **69**, (5) art. No 050501 (2004). - 24 pkt.
5. M. Sekuła, S. Pawlus, S. Hensel-Bielówka, J. Ziolo, M. Paluch, C.M. Roland, "Structural and secondary relaxations in supercooled di-n-butyl phthalate and diisobutyl phthalate at elevated pressure", **J. Phys. Chem. B** **108**, (16), 4997-5003 (2004). - 24 pkt.
6. S. Pawlus, R. Casalini, C.M. Roland, M. Paluch, S. J. Rzoska and J. Ziolo, "Temperature and volume effects on the change of dynamics in propylene carbonate", **Phys. Rev. E** **70**, 061501-4 (2004). - 24 pkt.
7. T. Psurek, S. Maślanka, M. Paluch, R. Nozaki, K. L. Ngai, "Effect of water on the primary and secondary relaxation of xylitol and sorbitol: Implication on the origin of the Johari-Goldstein relaxation", **Phys. Rev. E**, **70**, 011503 (2004). - 24 pkt.
8. A. Sułkowski, J. Równicka, B. Bojko, J. Pożycka, I. Zubik, W. W. Sułkowski, Effect of guanidine hydrochloride on bovine serum albumin complex with antithyroid drugs, **J. Mol. Struct.**, **704**, 291-295 (2004). -15 pkt.
9. M. Bartoszek, W. W. Sułkowski, The magnetic field influence on catalase, **Physics Medics**, **20**, 34-36 (2004) -10 pkt.
10. A. Sułkowski, J. Równicka, B. Bojko, J. Pożycka, I. Zubik - Skupień, J. Sylla, W. W. Sułkowski, Effect of guanidine hydrochloride on the interaction of serum albumin with mercaptopurine, **Physics Medics**, **20** (Suppl.1) 102-104 (2004) - 10 pkt.
11. W. W. Sułkowski, W. Korus, D. Pentak, A. Sułkowski, Effect of temperature on labelled BSA Structure: EPR Study, **Physics Medics**, **20** (Suppl.1) 126-128 (2004) - 10 pkt.
12. W. W. Sułkowski, J. Borek, A. Danch, A. Radoń, A. Sułkowski, G. Toborowicz, A. Bernatek, Application of thermogravimetric analysis for valuation of selected aliphatic diamide stabilisation effect on low density polyethylene, **J. Thermal Anal. Calorim.**, **77** 363-372 (2004) - 20 pkt.
13. W. W. Sułkowski, A. Danch, M. Moczyński, A. Radoń, A. Sułkowski, J. Borek, Thermogravimetric study of rubber waste-polyurethane composites, **J. Thermal Anal. Calorim.**, **78** 905-921 (2004) - 20 pkt.
14. A. Danch, W. W. Sułkowski, M. Moczyński, A. Radoń, F. Stelzer, S. Jaruga, On structural relaxation and morphology of rubber-urethane composites, **J. Appl. Polym. Sci.**, **94** 1186-1193 (2004) - 20 pkt.
15. I. Kania-Korwel, S. Parkin, L. W. Robertson, H. J. Lehmler, Synthesis of polychlorinated biphenyls and their metabolites with a modified Suzuki-coupling, **Chemosphere.**, **56(8)**: 735-744, (2004) - 24 pkt.
16. I. Kania-Korwel, S. Parkin, L. W. Robertson, H. J. Lehmler, 2,4,5-trichlorobiphenyl, **Acta Cryst., Section E: Structure Reports Online.**, **60**: 01652-01653 (2004) - 10 pkt.
17. A. Sułkowski, J. Równicka, J. Pożycka, B. Bojko, W. W. Sułkowski, The effect of concentration of guanidine hydrochloride on the sulfasalazine- serum albumin complex, **J. Mol. Struct.**, 744-747, 775-779, (2004) -15 pkt.
18. M. Paluch, S. Pawlus, S. Hensel-Bielówka, E. Kamińska, D. Prevosto, S. Capaccioli, P.A. Rolla, K.L. Ngai, "Two secondary modes in decahydroisoquinoline: Which one is the true Johari Goldstein process?", **J. Chem. Phys.**, **122**, 234506 (2005). - 24 pkt.
19. S. Maślanka, M. Paluch, W. Sułkowski, C.M. Roland, "Primary and secondary relaxations in bis-5-

- hydroxypentylphthalate", **J. Chem. Phys.**, **122**, 084511 (2005). - 24 pkt.
20. D. Prevosto, S. Capaccioli, M. Lucchesi, P.A. Rolla, M. Paluch, S. Pawlus and J. Ziolo, "Emergence of a new feature in the high pressure-high temperature relaxation spectrum of tripropylene glycol", **J. Chem. Phys.** **122**, 061102 (2005). - 24 pkt.
 21. K.L. Ngai, R. Casalini, S. Capaccioli, M. Paluch, C.M. Roland, "Do theories of the glass transition, in which the structural relaxation time does not define the dispersion of the structural relaxation, need revision?", **J. Phys. Chem. B**, **109**, (37), 1735617360 (2005). - 24 pkt.
 22. S. Hensel-Bielowka, M. Paluch, K.L. Ngai, "Emergence of the genuine JohariGoldstein secondary relaxation in m-fluoroaniline after suppression of hydrogenbond-induced clusters by elevating temperature and pressure", **J. Chem. Phys.** **123**, (1), 014502 (2005). - 24 pkt.
 23. S. Pawlus, S. Hensel-Bielowka, K. Grzybowska, J. Ziolo, M. Paluch, "Temperature behaviour of secondary relaxation dynamics in tripropylene glycol", **Phys. Rev. E**, **71**, 174107 (2005). - 24 pkt.
 24. S. Pawlus, S. Hensel-Bielowka, M. Paluch, R. Casalini, C.M. Roland, "Hydrogen bonding and secondary relaxations in propylene glycol trimer", **Phys. Rev. B**, **72**, (6), 064201 (2005). - 24 pkt.
 25. K. L. Ngai, E. Kamińska, M. Sekuła, and M. Paluch, "Primary and secondary relaxations in bis-5-hydroxypentylphthalate revisited", **J. Chem. Phys.** **123**, 204507 (2005). - 24 pkt.
 26. K. Grzybowska, A. Grzybowski, S. Pawlus, S. Hensel-Bielowka, and M. Paluch, "Dielectric relaxation processes in water mixtures of tripropylene glycol", **J. Chem. Phys.** **123**, 204506 (2005). - 24 pkt.
 27. A. Drozd-Rzoska, S.J. Rzoska, M. Paluch, S. Pawlus, J. Ziolo, P. Santangelo, C.M. Roland, K. Czupryński and R. Dąbrowski, "Mode coupling behaviour in glassforming liquid crystalline isopentylcyanobiphenyl", **Phys. Rev. E**, **71**, 011508 (2005). - 24 pkt.
 28. A. Drozd-Rzoska, S.J. Rzoska, S. Pawlus, J. Ziolo, "Complex dynamics of supercooling n-butylcyanobiphenyl (4CB)", **Phys. Rev. E**, **72**, 1 (2005). - 24 pkt.
 29. A. Drozd-Rzoska, "Pressure dependence of the glass temperature in supercooled liquids", **Phys. Rev. E**, **72**, (4), 041505 (2005). - 24 pkt.
 30. M. Paluch, S. Pawlus, S. Hensel-Bielowka, K. Kamiński, T. Psurek, S.J. Rzoska, J. Ziolo and C.M. Roland, Effect of glass structure on the dynamics of the secondary relaxation in diisobutyl and diisooctyl phthalates, **Phys. Rev. B**, **72**, 224205 (2005)., - 24 pkt.
 31. M. Bartoszek, M. Kściuczyk, Study of the temperature influence on catalase using spin labelling method, **J. Mol. Struci.**, **744-747**, 733-736 (2005) - 15 pkt.
 32. W. W. Sułkowska, D. Pentak, K. Nowak, A. Sułkowska, The influence of temperature, cholesterol content and pH on liposome stability, **J. Mol. Struci.**, **744-747**, 737-747. (2005) -15 pkt.
 33. A. Sułkowska, J. Równicka, J. Pożycka, B. Bojko, W. W. Sułkowska, The effect of concentration of guanidine hydrochloride on the sulfasalazine-serum albumin complex, **J. Mol. Struci.**, **744-747**, 775-779, (2005) - 15 pkt.
 34. A. Sułkowska, B. Bojko, J. Równicka, P. Reznier, W. W. Sułkowska, The competition of drugs to serum albumin in combination chemotherapy: NMR study, **J. Mol. Struci.**, **744-747**, 781-787. (2005) -15 pkt.
 35. J. Polak, W. W. Sułkowska, M. Bartoszek, W. Papież, Spectroscopic studies of the progress of humification processes in humic acid extracted from sewage sludge, **J. Mol. Struci.**, **744-747**, 983-989. (2005) -15 pkt.
 36. A. Danch, S. Ilisch, W. W. Sułkowska, M. Moczyński, A. Radoń, H-J. Radosch, DMTA study of the urethane network in urethane-rubber waste granulate composites, **J. Thermal Anal. Calorim.**, **79**, 623-630, (2005) - 20 pkt.
 37. M. Kosiecka, A. Maślankiewicz, M. J. Maślankiewicz, 4-substituted 3-methylsulfenyl-5,6-and 8-nitroquinolines from nitro derivatives of 4-substituted 3'-methylsulfenyl-3,4'-diquinoliny sulfides, **Heterocycles**, **65**, 1577-1588 (2005) -15 pkt.
 38. K. Marciniak, A. Maślankiewicz, M. J. Maślankiewicz, Z. Ciunik, Reactions of 4-pentenoic acid with sulfenyl cations generated electrochemically from bisquinoliny and bispyridiny disulfides, **Heterocycles**, **65**, 2861-2870 (2005) - 15 pkt.
 39. P. Wydro, K. Hac-Wydro, M. Paluch, Insoluble amphiphiles at the air/water interface. The characteristics

- of alcohols monolayers, **Pol. J Chem.**, **80 (12)**: 2041-2054 DEC (2006) - 15 pkt.
40. WW Sułkowska, J Polak, I Misztal, J Misztal, M Bartoszek, A Sułkowska., Effect of humification processes on polyaromatic hydrocarbons concentration during wastewater treatment, **Water Environment Research**, **78 (11)**: 2186-2192, (2006) - 20 pkt.
 41. J. Równicka, A Sułkowska, J Pożycka, B Bojko, WW Sułkowska, Stability of the complex BSA-6-propyl-2-thiouracil in the presence of Gu center dot HCl and urea, **J. Mol. Struci.**, **792: 793C**, 243-248 Sp. Iss. SI JUL 3 (2006) -15 pkt.
 42. A Sułkowska, B Bojko, J Równicka, WW Sułkowska., Paracetamol and cytarabine binding competition in high affinity binding sites of transporting protein, **J. Mol. Struci.**, **792: 793C**, 249-256 Sp. Iss. SI JUL 3 (2006) - 15 pkt.
 43. WW Sułkowska, D Pentak, K Nowak, A Sułkowska., The influence of temperature and pH on the structure of liposomes formed from DMPC, **J. Mol. Struci.**, **792: 257264** Sp. Iss. SI JUL 3 (2006) -15 pkt.
 44. WW Sułkowska, S Mistarz, T Borecki, M Moczyński, A Danch, J Borek, M Maciążek, A Sułkowska., Kinetic parameters from thermogravimetric study of used rubber granulates-polyurethane composites, **J. Thermal Anal. Calorim.**, **84 (1)**: 91-97, (2006) - 20 pkt.
 45. L Sułkowska, A Sułkowska, J Równicka, B Bojko, A Sieroń, D Pentak, WW Sułkowska., The effect of serum albumin on binding of protoporphyrin IX to phospholipid membrane, **Mol. Cryst.Liq.Cryst.**, **448**: 73-81, (2006) -10 pkt.
 46. A Sułkowski, B Bojko, J Równicka, WW Sułkowski, Competition of cytarabine and aspirin in binding to serum albumin in multidrug therapy, **Biopolymers**, **81 (6)**: 464472, (2006) - 20 pkt.
 47. J Ossowski, P Kuś, C Nather, PG. Jones, Two polymorphs of N,N '-diphenethylterephthalamide, **Acta Crystallographica C**, **62**: 0369-0371 Part 7, (2006) -15 pkt.
 48. I Kania-Korwel, AW Garrison, JK Avants, KC Hornbuckle, LW Robertson, WW Sulkowski, HJ Lehmler, Distribution of chiral PCBs in selected tissues in the laboratory rat, **Environ. Sci. Technol.**, **40 (12)**: 3704-3710 JUN 15 (2006) - 24 pkt.
 49. A. Pałka, R. Musioł, H. Niedbała, M. Matlengiewicz, M. Sajewicz, K. Serafin, and J. Polański, HPLC and ¹³C NMR for Analysis of Transamidation in a Dynamic Combinatorial Chemistry System, **Acta Chromatogr.**, **17**, 314, (2006) - 10 pkt.
 50. S. Krompiec, R. Penczek, N. Kuźnik, J.G. Małecki, M. Matlengiewicz, A selective and Convenient Ruthenium Mediated Method for the Synthesis of Mixed Acetals and Orthoesters, **Tetrahedron Lett.**, **48(1)**, 137 (2007) - 20 pkt.
 51. A Stolarzewicz, B Morejko, Z Grobelny, B Trzebicka, WW Sułkowski, From potassium alkoxide and benzyl glycidyl ether to crown-like macroinitiator with alkoxide active centrem, **React. Funct. Polym.**, **67 (2)**: 120-126 FEB (2007) - 24 pkt.
 52. Kania-Korwel, NS Shaikh, KC Hornbuckle, LW Robertson, HJ Lehmler, Enantioselective disposition of PCB 136 (2,2 ',3,3 ',6,6 '-hexachlorobiphenyl) in C57BL/6 mice after oral and intraperitoneal administration, **Chirality**, **19 (1)**: 56-66 JAN (2007) - 20 pkt.
 53. K Kamiński, S Maślanka, J Ziolo, M Paluch, KJ McGrath, CM Roland, Dielectric relaxation of alpha-tocopherol acetate (vitamin E), **Phys. Rev. E** 75 (1): art. no. 011903 Part 1 JAN (2007) - 24 pkt.
 54. G Dlubek, MQ Shaikh, R Krause- Rehberg, M Paluch, Effect of free volume and temperature on the structural relaxation in polymethylphenylsiloxane: A positron lifetime and pressure-volume-temperature study, **I Chem. Phys.** **126 (2)**: art. no. 024906 JAN 14 (2007) - 24 pkt.