

Żaneta Wojnarowska

Lista publikacji

z dnia 31 października 2012

Publikacje w czasopismach

1. Sawicki W., Lepek P., Włodarski K., **Wojnarowska Z.**, Paluch M., Guzik L., 2013, ***Effect of amorphization method on telmisartan solubility and the tableting process***, *European Journal of Pharmaceutics and Biopharmaceutics*, 83 114–121
2. Koperwas K., Grzybowski A., Grzybowska K., **Wojnarowska Z.**, Pionteck J., Sokolov A.P., Paluch M., 2012, ***Pressure coefficient of the glass transition temperature in the thermodynamic scaling regime***, *Phys Rev E* 86, 041502
3. **Wojnarowska Z.**, Paluch M., Włodarczyk P., Dulski M., Wrzalik R., X Roland C.M., 2012, ***Tracking of Proton Transfer Reaction in Supercooled RNA Nucleoside***, *J. Phys. Chem. Lett.*, 3 (16): 2288–2292
4. Świety-Pospiech A., **Wojnarowska Z.**, Pionteck J., Pawlus S., Grzybowski A., Hensel-Bielowka S., Grzybowska K., Szulc A., Paluch M., 2012, ***High pressure study of molecular dynamics of protic ionic liquid lidocaine hydrochloride***, *J. Chem. Phys.* 136, 224501
5. **Wojnarowska Z.**, Świety-Pospiech A., Grzybowska K., Hawelek L., Paluch M., Ngai K., 2012, ***Fundamentals of Ionic Conductivity Relaxation Gained from Study of Procaine Hydrochloride and Procainamide Hydrochloride at Ambient and Elevated Pressure***, *J. Chem. Phys.* 28;136(16):164507
6. **Wojnarowska Z.**, Roland C.M., Kolodziejczyk K., Świety-Pospiech A., Grzybowska K., Paluch M., 2012, ***Quantifying the Structural Dynamics of Pharmaceuticals in the Glassy State***, *J. Phys. Chem. Lett.*, 3 (10): 1238–1241
7. **Wojnarowska Z.**, Grzybowska K., Hawelek L., Świety-Pospiech A., Masiewicz E., Paluch M., Sawicki W., Chmielewska A., Bujak P., Markowski J., 2012, ***Molecular Dynamics Studies on the Water Mixtures of Pharmaceutically Important Ionic Liquid Lidocaine HCl***, *Mol. Pharmaceutics*, 9 (5): 1250–1261
8. Kamiński K., Pawlus S., Adrjanowicz K., **Wojnarowska Z.**, Włodarczyk P., Paluch M., ***The importance of the activation volume for the description of the molecular dynamics of glass-forming liquids***, 2012, *Journal of physics. Condensed matter*, 24, 6, 065105
9. **Wojnarowska Z.**, Roland C.M., Świety-Pospiech A., Grzybowska K., Paluch M., 2012, ***Anomalous Electrical Conductivity Behavior at Elevated Pressure in the Protic Ionic Liquid Procainamide Hydrochloride***, *Phys. Rev. Lett.*, 108, 015701

10. **Wojnarowska Z.**, Paluch M., Pionteck J., 2011, *The tautomerization phenomenon of glibenclamide drug monitored by means of volumetric measurements*, *J. Chem. Phys.* 135, 214506
11. Adrjanowicz K., **Wojnarowska Z.**, Grzybowska K., Hawelek L., Kaminski K., Paluch M., Kasprzycka A., Walczak K., 2011, *Molecular dynamics and crystallization phenomenon of supercooled and glassy DNA and RNA nucleosides: β -adenosine, β -thymidine, and β -uridine*, *Phys. Rev. E*, 84, 051507
12. Włodarczyk P., Paluch M., **Wojnarowska Z.**, Hawelek L., Kaminski K., Pilch J., 2011, *Theoretical and experimental studies on the internal mobility of two sulfonyleurea agents: glibenclamide and glimepiride*, *J. Phys. Condense. Matter*, 23, 42, 425901
13. Kaminski K., Adrjanowicz K., **Wojnarowska Z.**, Dulski M., Wrzalik R., Paluch M., Kaminska E., Kasprzycka A., 2011, *Do Intermolecular Interactions Control Crystallization Abilities of Glass Forming Liquids*, *J. Phys. Chem.* 115 (40): 11537–11547
14. **Wojnarowska Z.**, Paluch M., Włodarczyk P., Hawelek L., Wrzalik R., Zióło J., Wyględowska-Kania M., Bergler-Czop B., Brzezinska-Wcislo L., Bujak P., 2011, *Nanoscale Domains with Nematic Order in supercooled Vitamin A acetate – molecular dynamics studies*, *Physical Review E* 83, 051502
15. **Wojnarowska Z.**, Hawelek L., Paluch M., Sawicki W., Ngai K.L., 2011, *Molecular dynamics at ambient and elevated pressure of the amorphous pharmaceutical: Nonivamide (pelargonic acid vanillylamide)*, *J. Chem. Phys.* 28, 134(4): 044517
16. Kaminski K., Adrjanowicz K., **Wojnarowska Z.**, Grzybowska K., Hawelek L., Paluch M., Zakowiecki D., Mazgalski J., 2011, *Molecular dynamics of the cryomilled base and hydrochloride ziprasidones by means of dielectric spectroscopy*, *J. Pharm. Sci.* 100(7), 2642-57
17. Adrjanowicz K., **Wojnarowska Z.**, Paluch M., Pionteck J., 2011, *Thermodynamic Scaling of Molecular Dynamics in Supercooled Ibuprofen*, *J. Phys. Chem. B*, 2011, 115 (16): 4559–4567
18. Kaminski K., Włodarczyk P., Hawelek L., Adrjanowicz K., **Wojnarowska Z.**, Paluch M., 2011, *Comparative dielectric studies on two hydrogen-bonded and van der Waals liquids*, *Phys. Rev. E* 83, 061506
19. Adrjanowicz K., Kaminski K., Paluch M., Włodarczyk P., Grzybowska K., **Wojnarowska Z.**, Hawelek L., Sawicki W., Lepek P., Lunio R., 2010, *Dielectric relaxation studies and dissolution behavior of amorphous verapamil hydrochloride*, *J. Pharm. Sci.* 99, 2, 828-839
20. Kaminski K., Kaminska E., Włodarczyk P., Adrjanowicz K., **Wojnarowska Z.**, Grzybowska K., Paluch M., 2010, *Dynamics of the slow mode in the family of six-carbon monosaccharides monitored by dielectric spectroscopy*, *Journal of Physics: Condensed Matter*, 22, 36, 365103.
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22. Kaminski K., Wlodarczyk P., Adrjanowicz K., Kaminska E., **Wojnarowska Z.**, Paluch., 2010, ***Origin of the Commonly Observed Secondary Relaxation Process in Saccharides***, *J. Phys. Chem. B*, 114, 34, 11272-11281
23. **Wojnarowska Z.**, Adrjanowicz K., Kaminski K., Hawelek L., Paluch M., 2010, ***Effect of pressure on tautomers equilibrium in supercooled glibenclamide drug - Analysis of fragility behavior***, *J. Phys. Chem. B* 25, 114(46): 14815-20
24. **Wojnarowska Z.**, Wlodarczyk P., Kaminski K., Grzybowska K., Hawelek L., Paluch M., 2010, ***On the Kinetics of Tautomerism in Drugs - New Application of Broadband Dielectric Spectroscopy***, *J. Chem. Phys.* 133, 094507
25. **Wojnarowska Z.**, Grzybowska K., Adrjanowicz K., Kaminski K., Paluch M., Hawelek L., Wrzalik R., Dulski M., Sawicki W., Mazgalski J., Tukalska A., Bieg T., 2010, ***Study of the Amorphous Glibenclamide Drug: Analysis of the Molecular Dynamics of Quenched and Cryomilled Material***, *Mol. Pharmaceutics*, 7 (5): 1692–1707
26. Grzybowska K., Paluch M., Grzybowski A., **Wojnarowska Z.**, Hawelek L., Kolodziejczyk K., Ngai K., 2010, ***Molecular Dynamics and Physical Stability of Amorphous Anti-Inflammatory Drug: Celecoxib***, *J. Phys. Chem. B*, 114 (40): 12792–12801
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28. **Wojnarowska Z.**, Grzybowska K., Grzybowski A., Paluch M., Kaminski K., Wlodarczyk P., Adrjanowicz K., Pionteck J., 2010, ***Study of molecular dynamics of pharmaceutically important protic ionic liquid – verapamil hydrochloride. II. Test of entropic models***, *J. Chem. Phys.* 132, 094506
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30. Adrjanowicz K., **Wojnarowska Z.**, Wlodarczyk P., Kaminski K., Paluch M., Mazgalski J., 2009, ***Molecular mobility in liquid and glassy states of Telmisartan (TEL) studied by Broadband Dielectric Spectroscopy***, *Eur. J. Pharm. Sci.* 38, 395
31. Wlodarczyk P., Kaminski K., Adrjanowicz K., **Wojnarowska Z.**, Czarnota B., Paluch M., Ziolo J., 2009, ***Identification of the slower secondary relaxation's nature in maltose by means of theoretical and dielectric studies***, *J. Chem. Phys.* 131, 125103
32. **Wojnarowska Z.**, Paluch M., Grzybowski A., Adrjanowicz K., Grzybowska K., Kaminski K., Wlodarczyk P., and Pionteck J., 2009, ***Study of molecular dynamics of pharmaceutically important protic ionic liquid-verapamil hydrochloride I. Test of thermodynamic scaling***. *J. Chem. Phys* 131, 104505

Prace pokonferencyjne i doniesienia zjazdowe:

1. T. Rozwadowski, M. Massalska-Arodź, E. Juszyńska, J. Krawczyk, **Ż. Wojnarowska**, M. Paluch, 2012, *Dielectric Spectroscopy Studies of 4-Cyano-3-fluorophenyl 4-Butylbenzoate Liquid Crystal at High Pressure*, *Acta Physica Polonica A*, 122, 378 -381

Prace popularno-naukowe:

1. **Wojnarowska Z.**, Włodarczyk P., Paluch M., *Broadband Dielectric Spectroscopy – a New Tool for the Investigation of Tautomerization and Mutarotation Phenomena in Organic Compounds*, Dielectrics Newsletter 25, July 2011, <http://www.novocontrol.de/newsletter/DNL25.pdf>

Zgłoszenia patentowe:

1. **Wojnarowska Z.**, Paluch M., Grzybowska K., Hawelek L., Sawicki W., Baczek T., Pieńkowska K., *Sposób otrzymywania amorficznego indapamidu*, nr zgłoszenia P.396354