

PRACE OPUBLIKOWANE W 2004 ROKU

I KSIĄŻKI, MONOGRAFIE, SYNTEZY, PODRĘCZNIKI, ROZDZIAŁY W KSIĄŻKACH

1. Yu.V.Yablokov, M.A.Augustyniak-Jabłokow, M.Hitchman, D.Reinen
The Mechanisms of Jahn-Teller Complex Reorientation
rozdział w książce: “Advances in Quantum Chemistry, Manifestations of Vibronic Coupling in Chemistry and Physics”, J. R. Sabin, E. Brandas (Editors), Vol. **44**, Elsevier, Amsterdam, 2003. p. 483- 496
2. J.Baszyński
Magnetic switching in the perovskite nano-devices
rozdział w książce “Molecular Nanowires and Quantum Object”, Kluwer Academic Publishers, 405-414
3. Yu.V.Yablokov, V.V.Zelentsov, M.A.Augustyniak-Jabłokow, A.Krupska, E.Mroziński
Spin transitions in Fe(III) complexes
rozdział w książce “Modern Problems in Condensed Matter Physics”
(w języku rosyjskim *Новое знание*) Kazań CJC “Novoe znanie” 2004, 367-386
4. A.Krupska
The role of autocatalytic feedback in chemical and biochemical processes
rozdział w książce “Chemistry in the Philosophical Melting Pot eds.” D.Sobczyńska, P.Zeidler, E.Zielonacka-Lis, Peter Lang Europaischer Verlag der Wissenschaften, 2004, 221-239
5. J.A.Małecki
Nonlinear dielectric losses and dynamics of intrinsic conductivity of dielectrics
rozdział w książce w “Nonlinear Dielectric Phenomena in Complex Liquids” Kluwer Academic Publishers 2004, 77-88
6. M.Śliwińska-Bartkowiak, G.Dudziak, M.Kempiński, W.Kempiński, R.Radhakrishnan, F.Hung, K.E.Gubbins
Melting/freezing in narrow pores; dielectric and EPR studies
rozdział w książce w “Nonlinear Dielectric Phenomena in Complex Liquids” Kluwer Academic Publishers 2004, 357-366
7. M.Kempiński, M.Śliwińska-Bartkowiak, W.Kempiński
Host↔guest interaction in ACF: EPR study
rozdział w książce w “Nonlinear Dielectric Phenomena in Complex Liquids” Kluwer Academic Publishers 2004, 357-366

II PRACE PRZEGLĄDOWE

Physics and Chemistry of Liquids

1. I.Danielewicz-Ferchmin, A.R.Ferchmin
Water at ions, biomolecules and charged surfaces (review)
Physics and Chemistry of Liquids Vol. **42**, No. 1, 2004, 1-36

III ARTYKUŁY I ROZPRAWY NAUKOWE OPUBLIKOWANE W CZASOPISMACH O ŚWIATOWYM ZASIĘGU (z listy filadelfijskiego Instytutu Informacji Naukowej)

Acta Physica Polonica A

1. T.Radczyk, S.K.Hoffmann, J.Goslar
Applications of the transport integrals in solid-state physics and in electron spin relaxation
Acta Physica Polonica A, Vol. **104**, No. 5, **2003**, 469-477
2. A.Ostrowski, W.Bednarski, S.Waplak
EPR study of Cu^{2+} doped fast-proton conductor $K_3H(SO_4)_2$ in the temperature range 100-450 K
Acta Physica Polonica A Vol. **104**, No. 6, **2003**, 549-558
3. J.Stankowski, A.Ślązak, W.Kempiński, B.Andrzejewski, B.Reichel, G.Plesch
Oxygen deficient $YBa_2Cu_3O_{7-\delta}$: two superconducting phases
Acta Physica Polonica A Vol. **105**, No. 3, 2004, 287-294
4. M.Urbaniak, H.Brückl, F.Stobiecki, T.Luciński, G.Reiss
Néel's magnetostatic coupling in sputtered Cu/Py/V/Py/MnIr/Cu multilayers
Acta Physica Polonica A Vol. **105**, No. 3, 2004, 307-313
5. R.Douali, G.Czechowski, Ch.Legrand, J.Jadżyn
Dynamics of nematogenic molecules with transverse component of dipole moment
Acta Physica Polonica A Vol. **105**, No. 4, 2004, 365-371
6. J.Hoffmann
Extension of Maier-Meier model on cholesteric liquid crystals
Acta Physica Polonica A Vol. **105**, No. 4, 2004, 373-381
7. J.Jadżyn, G.Czechowski
Viscosity behavior at the nematic to smectic a phase transition in freely flowing compounds
Acta Physica Polonica A, Vol. **105**, No. 5, 2004, 459-465

8. A.Szajek
The electronic and magnetic properties of the USn_2 compound
Acta Physica Polonica A, Vol. **105**, No. 5, 2004, 485-493
 9. G.Czechowski, J.Jadżyn
Singular elastic properties of mixtures with the re-entrant nematic phase
Acta Physica Polonica A, **106**, No.4, 2004, 475- 485
 10. W.Kempiński
Superconductivity of carbon materials – unstable phases
Acta Physica Polonica A Vol. **106**, No 5, 2004 627-635
 11. R.Świrkowicz, M.Wilczyński, J.Barnaś
Nonequilibrium Kondo effect in a single-channel quantum dot asymmetrically coupled to two ferromagnetic reservoirs
Acta Physica Polonica A Vol. **105**, No.1-2, 2004, 149-154
Konferencyjne
 12. J.Piekoszewski, W.Kempiński, J.Stankowski, F.Prokert, E.Richter, J.Stanisławski, Z.Werner, W.Szymczyk
Ion implantation and transient melting: a new approach to formation of superconducting MgB_2 phases
Acta Physica Polonica A, Vol **106**, No 6, 2004, 861-867
 13. M.Mierzejewski, M.Maśka, B.Andrzejewski
Upper critical field for cobalt oxide superconductors
Acta Physica Polonica A, Vol. **106**, No. 5, 2004, 603-608
- Applied Magnetic Resonance**
14. J.Świergiel, N.Piślewski, W.Medycki, K.Hołderna-Natkaniec, F.Milia
 1H NMR study of molecular dynamics of acetylcholine chloride
Applied Magnetic Resonance **26**, 2004, 357-364
 15. M.Wencka, R.Krzyminiewski
Identification of paramagnetic centers and the dating of cave dripstones by electron paramagnetic resonance
Applied Magnetic Resonance **26**, 2004, 561-578
- Applied Physics Letters**
16. B.Idzikowski, A.Szajek, J.-M.Greeneche, J.Kovac
Nanogranular $Fe_xNi_{23-x}B_6$ phase formation during devitrification of nickel-rich $Ni_{64}Fe_{16}Zr_7B_{12}Au_1$ amorphous alloy
Applied Physics Letters Vol. **85**, No. 8, 2004, 1392-1394
- Chemical Physics**
17. A.Graja, I.Olejniczak, A.Bogucki, D.Bonifazi, F.Diederich
Chromophoric interactions in [60]fullerene-porphyrin dyads investigated by solid-state UV-Vis and IR spectroscopies
Chemical Physics **300**, 2004, 227-232

18. V.V.Zelentsov, Yu.V.Yablokov, M.A.Augustyniak-Jabłokow, A.Krupska, J.Mroziński, V.A.Ulanov
EPR study of low domains formation in the process of spin transition in Na[Fe(Th-Sa)₂]
Chemical Physics **301**, 2004, 15-26
19. A.Łapiński, A.Graja, I.Olejniczak, A.Bogucki, H.Imahori
Supramolecular porphyrin/fullerene interactions studied by spectral methods
Chemical Physics **305**, 2004, 277-284
- Chemical Physics Letters**
20. I.Danielewicz-Ferchmin, A.R.Ferchmin
A critical point related to phase transitions in electrostricted H₂O close to an electrode
Chemical Physics Letters **398**, 2004, 186-189
- Czechoslovak Journal of Physics**
21. J.Baszyński, W.Kowalski, C.A.Cardoso, F.M.Araujo-Moreira, M.R.B.Andreeta, and A.C.Hernandes
Current-induced conductance jumps in mechanically controllable junctions of La_{0.7}Sr_{0.3}MnO₃ manganese
Czechoslovak Journal of Physics, vol. **54 Suppl. D**, 2004, D39
konferencyjne
22. B.Idzikowski, A.Szajek
Nanogranular phase formation during devitrification of Fe(Ni,Co)ZrB amorphous alloys
Czechoslovak Journal of Physics, vol. **54 Suppl. D**, 2004, D59
konferencyjne
23. J.Dubowik, I.Gościańska, Y.Kudryavtsev
NiMnGa ferromagnetic shape memory films
Czechoslovak Journal of Physics, vol. **54 Suppl. D**, 2004, D213
konferencyjne
24. L.Smardz, A.Kowalczyk, T.Toliński, I.Gościańska
XPS studies of Gd₂Fe₁₂Si₂B thin films
Czechoslovak Journal of Physics, vol. **54 Suppl. D**, 2004, D233
konferencyjne
25. I.Gościańska, T.Toliński, B.Szymański, A.Kowalczyk
Magnetic and transport properties of crystalline and amorphous thin films of Nd-Co-B
Czechoslovak Journal of Physics, vol. **54 Suppl. D**, 2004, D241
konferencyjne
26. T.Toliński, A.Kowalczyk, V.Ivanov, G.Chełkowska, M.Timko
Mixed-valence and Kondo-like effect in CeNi₄X (X = B, Al, Ga)
Czechoslovak Journal of Physics, vol. **54 Suppl. D**, 2004, D287
konferencyjne

27. A.Szajek, A.Kowalczyk, V.Ivanov
Electron-transport properties and electronic structure of HoCo₃ compound
Czechoslovak Journal of Physics, vol. **54 Suppl. D**, 2004, D323
konferencyjne
28. A.Szajek, A.Kowalczyk
Electrical Resistivity and Electronic Structure of Nd₃Co₁₃B₂ Compound
Czechoslovak Journal of Physics, vol. **54 Suppl. D**, 2004, D343
konferencyjne
29. M.Pugaczowa-Michalska, T.Toliński, A.Kowalczyk, G.Chełkowska
Properties of HoNi₄B compound: X-ray photoemission and electronic structure
Czechoslovak Journal of Physics, vol. **54 Suppl. D**, 2004, D347
konferencyjne
30. A.Szlaferek, A.Kowalczyk, B.Andrzejewski, M.Timko, J.Kovac, J.Briancin
Effect of mechanical alloying on the structural and magnetic properties of DyNi₄Al compounds
Czechoslovak Journal of Physics, vol. **54 Suppl. D**, 2004, D371
konferencyjne
31. J.A.Morkowski, A.Szajek
Is UPtSn a nonmagnetic semiconductor or a metallic antiferromagnet?
Czechoslovak Journal of Physics, vol. **54 Suppl. D**, 2004, D379
konferencyjne
32. P.Urban, B.Idzikowski, S.Kostyrya, B.Andrzejewski
Grains size distribution and thermal stability of surfactant stabilized Fe₃O₄-based magnetic fluid
Czechoslovak Journal of Physics, vol. **54 Suppl. D**, 2004, D683
konferencyjne
- The European Physical Journal B**
33. J.A.Małecki
Phenomenological model of nonlinear dielectric losses related to the intrinsic conductivity of dielectrics
The European Physical Journal B **39**, 2004, 235-240
- Ferroelectrics**
34. B.Żywucki, W.Kuczyński, J.Małecki
Dielectric relaxation in liquid crystal phases with polar order
Ferroelectrics **297**, **2003**, 91-105
35. B.Hilczer, H.Smogór, J.Goslar, T.Pawłowski
Dielectric response and conformational disorder in polymer relaxors
Ferroelectrics **298**, 2004, 113-121
konferencyjne
36. V.Laguta, M.Glinchuk, I.Kondakova, Z.Trybuła
Anomalies of dielectric response in mixed ferro-glass phase of potassium tantalate doped by lithium
Ferroelectrics, **298**, 2004, 171-182
konferencyjne

37. A.Pietraszko, B.Hilczer, C.Caranoni
The space group symmetry of PSN, PST and PSNT ferroelectric relaxors in the superparaelectric phase
Ferroelectrics **298**, 2004, 235-241
konferencyjne
38. V.A.Stephanovich, M.D.Glinchuk, E.V.Kirichenko, B.Hilczer
Description of dynamic dielectric response in poly(vinylidene fluoride-trifluoroethylene) copolymers
Ferroelectrics **298**, 2004, 297-307
konferencyjne
39. Z.Trybuła, J.Kaszyński
Phase coexistence of hydrogen-bonded mixed ferroelectric and antiferroelectric crystals.
Ferroelectrics, **298**, 2004, 347-351
konferencyjne
40. T.Pawłowski, B.Hilczer, M.Połomska, A.Pietraszko
Structural relaxation in $Rb_3H(SO_4)_2$ single crystals
Ferroelectrics **302**, 2004, 77-79
konferencyjne
41. M.Zdanowska-Frączek, R.Jakubas, M.Krupski
Effect of hydrostatic pressure on the phase transition temperature in $[NH_2(CH_3)_2]_3Sb_2Cl_9$
Ferroelectrics **302**, 2004, 91-93
42. L.Kirpichnikova, V.Shakhmatov, M.Połomska, B.Hilczer, A.Pietraszko
Ferroelastic domain structure and XRD studies of $[(NH_4)_{1-x}]_3H(SO_4)_2$ crystals: phenomenological description
Ferroelectrics **302**, 2004, 105-112
konferencyjne
43. N.N.Kolpakova, P.Czarnecki, W.Nawrocik, M.P.Shcheglov, L.Szczepańska
Recent understanding the dielectric relaxation processes and dipolar disordering in high-symmetry relaxor systems $Cd_2Nb_2O_7$
Ferroelectrics **302**, 2004, 233-239
konferencyjne
44. M.Połomska, B.Hilczer, L.Szczepańska, J.Kułek
Raman scattering studies of polymer: $Li(N_2H_5)SO_4/\beta-LiNH_4SO_4$ composites
Ferroelectrics **303**, 2004, 181-184
konferencyjne
45. Z.Pająk, J.Wolak, M.Połomska
NIR Raman study of ferroelectric phase transitions in pyridinium tetrafluoroborate
Ferroelectrics **303**, 2004, 207-210
konferencyjne

46. V.Bobnar, B.Vodopivec, Z.Kutnjak, M.Kosec, A.Levstik, B.Hilczer
Dielectric and calorimetric studies of PLZT-P(VDF/TrFE) ceramics-copolymer composite
Ferroelectrics **304**, 2004, 3-7
konferencyjne
47. B.Hilczer, E.Markiewicz, Cz.Pawlaczyk, M.Szafrański, A.Hilczer
Effect of hydrostatic pressure on the dielectric behavior of polymer relaxors
Ferroelectrics **304**, 2004, 13-18
konferencyjne
48. E.Markiewicz, B.Hilczer, Cz.Pawlaczyk
Dielectric and acoustic response of biocellulose
Ferroelectrics **304**, 2004, 39-42
konferencyjne
- Fullerene, Nanotubes and Carbon Nanostructures**
49. N.G.Spitsina, S.V.Konovalikhin, V.N.Semkin, A.Graja, A.A.Lobach, A.F.Gurov
Synthesis, spectral investigations, and thermal stability of [60]fullerene complexes with TMTSF: 2(C₆₀)·2(TMTSF)·(C₆H₆), C₆₀·TMTSF·2(CS₂), and 2(C₆₀)·2(TMTSF)·(C₆H₅Cl)
Fullerene, Nanotubes and Carbon Nanostructures Vol. **12**, No. 1-2, 2004, 165-168
- Indian Journal of Engineering & Materials Sciences**
50. P.Kopčansky, I.Potočková, M.Timko, J.Jadzyn, G.Czechowski, A.G.Jansen
Structural transitions in thermotropic ferronematic.
Indian Journal of Engineering & Materials Sciences, vol. **11**, 2004, 271-275
- Journal of Alloys and Compounds**
51. A.Szytuła, A.Jezierski, B.Penc, M.Hofmann, S.J.Cambell
Electronic structure of ternary YbMn₂X₂(X=Si, Ge) compounds
Journal of Alloys and Compounds **363**, 2004, 46-51
52. F.Stobiecki, M.Kopcewicz, J.Jagielski, B.Szymański, M.Urbaniak, J.Dubowik, M.Schmidt, J.Kalinowska
Mössbauer spectroscopy, interlayer coupling and magnetoresistance of irradiated Fe/Cr multilayers
Journal of Alloys and Compounds **382**, 2004, 174-178
konferencyjne
53. M.Pugaczowa-Michalska, A.Kowalczyk, G.Chełkowska, T.Toliński
XPS spectra and electronic structure of the ErNi₄B compound
Journal of Alloys and Compounds **385**, 2004, 44-47
54. T.Toliński, W.Schäfer, A.Kowalczyk, B.Andrzejewski, A.Hoser, A.Szlaferek
Magnetic properties of TbNi₄Al and DyNi₄Al compounds: investigation via neutron diffraction and magnetometry
Journal of Alloys and Compounds **385**, 2004, 28-32

- Journal of Applied Physics**
55. J.Dubowik, Y.V.Kudryavtsev, Y.P.Lee
Martensitic transformation in Ni₂MnGa films: a ferromagnetic resonance study
Journal of Applied Physics Vol. **95**, No. 5, 2004, 2912-2917
- Journal of Chemical Physics**
56. K.V.Tretiakov, S.Scandolo
Thermal conductivity of solid argon molecular dynamics simulations
Journal of Chemical Physics. Vol. **120**, nr 8, 2004, 3765-3769
57. K.V.Tretiakov, S.Scandolo
Thermal conductivity of solid argon at high pressure and high temperature: a molecular dynamics study
Journal of Chemical Physics Vol. **121**, No. 21, 2004, 11177
- Journal of the Korean Physical Society**
58. F.Stobiecki, B.Szymański, M.Urbaniak, T.Luciński, J.Dubowik, M.Kopcewicz, J.Jagielski, Y.P.Lee
Influence of ion irradiation on the magnetic properties of Fe/Cr multilayers
Journal of the Korean Physical Society Vol. **45**, No. 1, 2004, 1-5
konferencyjne
59. J.Dubowik, F.Stobiecki, I.Gościańska, Y.P.Lee, A.Paetzold, K.Röll
Enhanced spin-wave damping in exchange-biased films
Journal of the Korean Physical Society Vol. **45**, No. 1, 2004, 42-46
konferencyjne
- Journal of Magnetism and Magnetic Materials**
60. T.Luciński, A.Hütten, H.Brückl, S.Heitmann, T.Hempel, G.Reiss
Magnetoresistance study of Ni₈₀Fe₂₀/Co1/CuAgAu/Co2 asymmetric sandwiches
Journal of Magnetism and Magnetic Materials **269**, 2004, 78-88
61. A.Go, M.Pugaczowa-Michalska, L.Dobrzyński
An influence of the local environment on local magnetic moments and hyperfine fields in Fe_{3-x}Cr_xSi
Journal of Magnetism and Magnetic Materials **272-276**, 2004, e217-e219
konferencyjna
62. S.Krompiewski
Non-equilibrium transport in ferromagnetically contacted metallic carbon nanotubes
Journal of Magnetism and Magnetic Materials **272-276**, 2004, 1645-1647
konferencyjne
63. P.Kopčansky, I.Potočova, M.Timko, M.Koneracka, A.M.G.Jansen, J.Jadzyn, G.Czechowski
The structural transitions in ferronematics in combined electric and magnetic fields
Journal of Magnetism and Magnetic Materials **272-276**, 2004, 2355-2356
64. B.Idzikowski, G.Chełkowska, A.Jeziński, K.-H. Müller
X-ray photoemission spectroscopy and band structure calculation of cubic DyCu₅
Journal of Magnetism and Magnetic Materials **272-276**, 2004, e403-e404
konferencyjne

65. A.Kowalczyk, A.Szajek, G.Chełkowska, T.Toliński
Electronic structure of YbNi₄B compound: experiment and theory
Journal of Magnetism and Magnetic Materials **272-276**, 2004, e477-e478
konferencyjne
66. A.Szajek
Electronic structure of the uranium monogermanide UGe
Journal of Magnetism and Magnetic Materials **272-276**, 2004, e347-e349
konferencyjne
67. J.A.Morkowski, A.Szajek, Z.Bukowski, C.Sułkowski, R.Troć, G.Chełkowska
Magnetic susceptibility, transport properties, XPS and electronic structure of UCoGa₅
Journal of Magnetism and Magnetic Materials **272-276**, 2004, e323-e324
konferencyjne
68. F.Stobiecki, B.Szymański, T.Luciński, J.Dubowik, M.Urbaniak, M.Schmidt, K.Röll
GMR sensors with linear and in hysteretic R(H) dependences
Journal of Magnetism and Magnetic Materials **272-276**, 2004, e1751-e1753
konferencyjne
69. T.Luciński, M.Urbaniak, H.Brückl, A.Hütten, S.Heitmann, G.Reiss
Magnetoresistance effect in asymmetric dual spin-valves – device for three-state logic
Journal of Magnetism and Magnetic Materials **272-276**, 2004, 1889-1891
konferencyjne
70. M.D.Huang, N.N.Lee, Y.H.Hyun, J.Dubowik, Y.P.Lee
Ferromagnetic resonance study of magnetic-shape-memory Ni₂MnGa films
Journal of Magnetism and Magnetic Materials **272-276**, 2004, 2031-2032
konferencyjne
71. J.Dubowik, F.Stobiecki, I.Gościańska, K.Röll
Temperature dependence of magnetic anisotropy in Co/Au layered structures
Journal of Magnetism and Magnetic Materials **272-276**, 2004, e923-e924
konferencyjne
72. J.Dubowik, Y.V.Kudryavtsev, Y.P.Lee
Ferromagnetic resonance observation of martensitic phase transformation in Ni₂MnGa films
Journal of Magnetism and Magnetic Materials **272-276**, 2004, 1178-1179
konferencyjne
73. Y.V.Kudryavtsev, J.B.Kim, Y.P.Lee, R.Gontarz
Structural and compositional dependences of the magneto-optical and optical properties of Mn-Fe alloy films
Journal of Magnetism and Magnetic Materials **272-276**, 2004, 753-754
konferencyjne
74. A.Szajek, J.A.Morkowski, A.Bajorek, G.Chełkowska, R.Troć
Electronic structure and X-ray photoemission spectra of the compounds APtSn I (A=Th, U)
Journal of Magnetism and Magnetic Materials **281**, 2004, 281-289

75. T.Luciński, P.Wandziuk, F.Stobiecki, B.Andrzejewski, M.Kopcewicz, A.Hütten, G.Reiss, W.Szuskiewicz
Exchange interlayer coupling in Fe/Si_xFe_{100-x} and Co/Si multilayers.
Journal of Magnetism and Magnetic Materials **282** (2004) 248-251
konferencyjne
76. F.Stobiecki, B.Szymański, T.Luciński, J.Dubowik, M.Urbaniak, K.Röll
Magnetoresistance of layered structures with alternating in-plane and perpendicular anisotropies
Journal of Magnetism and Magnetic Materials **282** (2004) 32-38
konferencyjne
77. G.Chełkowska, M.Kwiecień, B.Andrzejewski
Magnetic, electric and XPS study of Dy(Co_{1-x}Fe_x)₂ compounds.
Journal of Magnetism and Magnetic Materials **281** (2004)267-271
78. I.Weymann, J.Barnaś
Electronic transport in ferromagnetic double-island single-electron devices
Journal of Magnetism and Magnetic Materials **272-276**, 2004, e1477-1479
konferencyjne
79. J.Barnaś, J.Martinek, R.Świrkowicz, M.Wilczyński
Electronic transport through quantum dots coupled to ferromagnetic leads: from Coulomb blockade to Kondo effect
Journal of Magnetism and Magnetic Materials **272-276**, 2004, 1945-1946
konferencyjne
80. W.J.Rudziński, Ł.Michalak, J.Barnaś
Spin-polarized electronic transport through in a spin-valve based on a quantum dot
Journal of Magnetism and Magnetic Materials **272-276**, 2004, 1933-1935
konferencyjne
81. W.Rudziński, J.Barnaś
Spin-polarized electronic transport through a quantum dot: non-colinear magnetic configuration.
Journal of Magnetism and Magnetic Materials **279**, 2004, 134-142
82. R.Świrkowicz, J.Barnaś, M.Wilczyński, W.Rudziński, V.K.Dugaev
Spin diode devices based on quantum dots.
Journal of Magnetism and Magnetic Materials **272-276**, 2004, 1959-1960
konferencyjne
- Journal of Materials Research**
83. Y.Kagamitani, D.A.Pawlak, H.Sato, A.Yoshikawa, J.Martinek, H.Machida, T.Fukuda
Dependence of Faraday effect on the orientation of terbium-scandium-aluminum garnet single crystal
Journal of Materials Research 19 (2): 579-583 FEB 2004

Journal of Molecular Structure

84. A.Pietraszko, J.Goslar, W.Hilczer, L.Szczepańska
Temperature variation of the molecular structure of lithium hydrazinium sulphate-a one-dimensional proton conductor
Journal of Molecular Structure **688**, 2004, 5-10
85. R.Świetlik, K.Yakushi, K.Yamamoto, T.Kawamoto, T.Mori
Infrared and Raman studies of TTM-TTP and TSM-TTP charge-transfer salts
Journal of Molecular Structure **704**, 2004, 89-93
konferencyjne
86. T.Runka, K.Łapsa, A.Łapiński, R.Aleksiyko, M.Berkowski, M.Drozdowski
Spectroscopic study of mixed oxide $SAT_{1-x}LA_x$ perovskite crystals
Journal of Molecular Structure **704**, 2004, 281-285
konferencyjne
87. A.Łapiński, A.Graja, T.G.Prokhorova
Spectral investigation of the new organic metal β'' -(BEDT-TTF) $_4$ NH $_4$ [Cr(C $_2$ O $_4$) $_3$] \cdot DMF
Journal of Molecular Structure **704**, 2004, 83-87
konferencyjne
88. M.Połomska, T.Pawłowski, A.Pietraszko, L.Kirpichnikova
Molecular dynamics study of crystals with ferroic phase transitions
Journal of Molecular Structure **704**, 2004, 95-100
89. L.Latanowicz, E.C.Reynhardt, J.Boguszyńska
Complex dynamics of proton and deuteron transfer in double hydrogen bond of benzoic acid isotopes
Journal of Molecular Structure (Theochem) vol. 710, tom 1-3, 2004, p. 111-117

Journal de Physique France

90. R.Świetlik, K.Yakushi, K.Yamamoto, T.Kawamoto, T.Mori
Phase transition in the organic conductor (TTM-TTP) $_3$ studied by infrared and Raman spectroscopies
Journal de Physique IV France **114**, 2004, 87-90
konferencyjne
91. N.Drichko, B.Petrov, V.N.Semkin, R.M.Vlasova, O.A.Bogdanova, E.I.Zhilaeva, R.N.Lyubovskaya, I.Olejniczak, H.Kobayashi, A.Kobayashi
A comparative mid-infrared study of superconductor $BETS_4Hg_{2.84}Br_8$ and metal $BETS_4Hg_3Cl_8$
Journal de Physique IV France **114**, 2004, 305-307
konferencyjne
92. I.Olejniczak, J.Choi, J.L.Musfeld, Y.J.Wang, J.A.Schlueter, R.A.Klemm
Magnetic field dependent vibrational modes in κ -(ET) $_2$ Cu(SCN) $_2$ organic superconductor
Journal de Physique IV France **114**, 2004, 361-362
konferencyjne

- Journal of Physics and Chemistry of Solids**
93. J.Stankowski, L.Piekara-Sady, W.Kempiński
EPR observation of the spin pair correlation above T_c in lightly alkali metal-doped C_{60} fullerene
Journal of Physics and Chemistry of Solids **65**, 2004, 321-326
konferencyjne
94. M.Jurczyk, L.Smardz, M.Makowiecka, E.Jankowska, K.Smardz
The synthesis and properties of nanocrystalline electrode materials by mechanical alloying
Journal of Physics and Chemistry of Solids **65**, 2004, 545-548
95. B.Andrzejewski, A.Kowalczyk, J.Stankowski, A.Szlaferek
Microwave absorption in carbon-doped YNi_4B superconductors
Journal of Physics and Chemistry of Solids **65**, 2004, 623-626
96. B.Kulicka, R.Jakubas, Z.Ciunik, G.Bator, W.Medycki, J.Świergiel, J.Baran
Structure, phase transitions and molecular dynamics in 4-methylpyridinium tetrachloroantimonate(III), $[4-CH_3C_5H_4NH][SbCl_4]$
Journal of Physics Chemistry of Solids **65**, 2004, 871-879
97. M.Zdanowska-Frażczek, R.Jakubas, M.Krupski
The effect of hydrostatic pressure on the ferroelectric phase transition in $[NH_2(CH_3)_2]_3[Sb_2Cl_9]$
Journal of Physics and Chemistry of Solids **65**, 2004, 1679-1682
- Journal of Physics: Condensed Matter**
98. W.I.Babiaczyk, B.R.Bułka
Electronic transport in molecular systems with para- and ferromagnetic leads
Journal of Physics: Condensed Matter **16**, 2004, 4001-4012
99. S.Krompiewski
Modelling a spin-selective interface between ferromagnetic electrodes and a carbon nanotube – towards the enhanced giant magnetoresistance effect
Journal of Physics: Condensed Matter **16**, 2004, 2981-2989
100. B.Kulicka, R.Jakubas, G.Bator, Z. Ciunik, W.Medycki
Structure and properties of $[2-NH_2C_5H_4NH][SbCl_4]$ and $[2-NH_2C_5H_4NH][SbBr_4]$.
Journal of Physics: Condensed Matter **16**, 2004, 8155-8172
- Journal of Plant Physiology**
101. M.Garnczarska, W.Bednarski, I.Morkunas
Re-aeration-induced oxidative stress and antioxidative defenses in hypoxically pretreated lupine roots
Journal of Plant Physiology **161**, 2004, 415-422
- Journal of Solid State Chemistry**
102. M.Wojtaś, R.Jakubas, Z.Ciunik, W.Medycki
Structure and phase transitions in $[(CH_3)_4P]_3[Sb_2Br_9]$ and $[(CH_3)_4P]_3[Bi_2Br_9]$
Journal of Solid State Chemistry **177**, 2004, 1575-1584

103. E.Mikuli, B.Grad, W.Medycki, K. Holderna-Natkaniec
Phase transitions and molecular motion in [Cd(H₂O)₆](BF₄)₂ studied by DSC, ¹H and ¹⁹F NMR and FT-MIR.
Journal of Solid State Chemistry **177** (2004) 3795-3804

Кристаллография

104. Л.Ф.Кирпичникова, A.Pietraszko, W.Bednarski, S.Waplak, A.У.Шелег
Кристаллическая структура и фазовые переходы в новых кристаллах [(CH₃)₂NH₂]₂CuCl₄[(CH₃)₂NH₂]Cl
Кристаллография **49**, No. 1, 2004, 92-100

Materials Science and Engineering B

105. M.Jurczyk, L.Smardz, A.Szajek
Nanocrystalline materials for Ni-MH batteries
Materials Science and Engineering B**108**, 2004, 67-75
106. A.Boguta, D.Wróbel, A.Bartczak, R.Świetlik, Z.Stachowiak, R.M.Ion
Characterization of interfacial effects in organic macrocycles Langmuir and Langmuir-Blodgett layers studied by surface potential and FT-IR spectroscopy examination
Materials Science and Engineering B**113**, 2004, 99-105

Molecular Physics

107. A.C.Brańka and D.M.Heys
The effects of particle softness on the dynamics of molecular and colloidal systems
Molecular Physics, vol. **102**, 2049, 2004, 1-8
108. D.M.Heys, G.Rickazen, A.C.Brańka
Static properties and time correlation functions of fluids with steeply repulsive potentials
Molecular Physics vol. **102**, 2057, 2004, 1-14
109. S.Idziak, J.Goslar, S.K.Hoffmann
Vibronic dynamics and electron spin relaxation of Cu(formate)₄(H₂O)₂ complexes in dibarium zinc formate tetrahydrate, Ba₂Zn(HCOO)₆·4H₂ single crystals
Molecular Physics Vol. **102**, No. 1, 2004, 55-61

Macromolecular Symposia

110. A.Graja, A.Łapiński, A.Starodub
Electrical and spectral properties of organic salts formed from BEDT0TTF and magnetic anions
Macromolecular Symposia **212**, 2004, 169-178
konferencyjne
111. R.Świetlik, L.Ouahab, J.Guillevic, K.Yakushi
Infrared and Raman studies of the charge ordering in the organic semiconductor κ-[Et₄N][Co(CN)₆(ET)₄]·3H₂O
Macromolecular Symposia **212**, 2004, 219-224
konferencyjne

112. W.I.Babiaczyk, B.R.Bułka
Coherent electronic transport through the single-walled carbon nanotubes
Macromolecular Symposia **212**, 2004, 393-398
konferencyjne
- Materials Science-Poland**
113. J.Stankowski, M.Krupski, R.Micnas
Remarks on the Phase Diagram of High-Temperature Superconductors: Pressure Dependence
Materials Science-Poland **22**, nr 3, 2004, 175-184
- Meat Science**
114. W.Dolata, E.Piotrowska, J.Wajdzik, J.Tritt-Goc
The use of the MRI technique in the evaluation of water distribution in tumbled porcine muscle
Meat Science **67**, 2004, 25-31
- Металлофизика новейшие технологии**
Metal Physics and Modern Technologies
115. Ю.В.Кудрявцев, В.В.Немошкаленко, Й.П.Ли, Дж.Ю.Ри, J.Dubowik
Оптические и магнитооптические свойства многослойных пленок Fe/Si с сильным антиферромагнитным взаимодействием
Металлофизика новейшие технологии. (*Metal Physics and Modern Technologies*)
Т. **25**, No. 12, **2003**, 1587-1604
- Opto-Electronics Review**
116. D.Dardas, W.Kuczyński
Non-linear electrooptical effects in chiral liquid crystals.
Opto-Electronics Review **12(3)**, 2004, 277-280
konferencyjne
- Physica A**
117. W.Jeżewski
Scaling in weighted network and complex systems
Physica A **337**, 2004, 336-356
- Physica B**
118. P.Kerschl, U.K. Rössler, B.Idzikowski, D.Eckert, K.H.Müller, L.Schultz
High-field magnetisation of $DyMn_xGe_xFe_{6-x}Al_{6-x}$ ($x=0, 1$)
Physica B **346-347**, 2004, 196-200
119. L.Gondek, A.Szytuła, S.Baran, A.Szajek, J.Hernandez-Velasco
Neutron-diffraction studies of $R_3Co_8Sn_4$ ($R=Y, Tb, Ho, Er$) compounds
Physica B **350**, 2004, e123-e125
- Physical Chemistry Chemical Physics**
120. S.Kiczka, S.K.Hoffmann, J.Goslar, L.Szczepańska
Electronic structure, Jahn-Teller dynamics and electron spin relaxation of two types octahedral Cu(II) complexes in cadmium formate dihydrate $Cd(HCOO)_2 \cdot 2H_2O$. EPR and ESE studies
Physical Chemistry Chemical Physics **6**, 2004, 64-71

121. I.Danielewicz-Ferchmin, A.R.Ferchmin
Static permittivity of water revisited: ϵ in the electric field above 10^8 V m^{-1} and in the temperature range $273 \leq T \leq 373 \text{ K}$
 Physical Chemistry Chemical Physics **6**, 2004, 1332-1339
- Physical Review B**
122. J.Choi, J.L.Musfeldt, I.Olejniczak, Y.J.Wang, J.A.Schlueter, A.M.Kini
Magnetic field dependent vibrational modes in isotopically decorated κ -(ET)₂Cu(SCN)₂
 Physical Review B **68**, **2003**, 214523-1 do 214523-6
123. A.Ślebarski, J.Deniszczyk, W.Borgieł, A.Jezierski, M.Swatek, A.Winiarska, M.B.Maple, W.M.Yuhasz
Electronic structure and thermodynamic properties of the Heusler alloys $\text{Fe}_2\text{Ti}_{1-x}\text{V}_x\text{Sn}$
 Physical Review B **69**, 2004, 155118-1 do 155118-10
124. S.Krompiewski, R.Gutierrez, G.Cuniberti
Giant magnetoresistance of multiwall carbon nanotubes: modeling the tube/ferromagnetic-electrode burying contact
 Physical Review B **69**, 2004, 155423-1 do 155423-5
125. T.Toliński, A.Kowalczyk, G.Chełkowska, M.Pugaczowa-Michalska, B.Andrzejewski, V.Ivanov, A.Szewczyk, M.Gutowska
Magnetic, thermodynamic, electronic, and transport properties of CeNi_4Al
 Physical Review B **70**, 2004, 064413-1 do 064413-5
126. M.M.Maśka, M.Modrzejewski, B.Andrzejewski, M.L.Foo, R.J.Cava and T.Klimczuk
Possible singlet-to-tripled pairing transition in $\text{Na}_x\text{CoO}_2 \cdot y\text{H}_2\text{O}$.
 Physical Review B **70**, 144516 (2004) – **wersja elektroniczna**
127. A.Ślebarski, W.Głogowski, A.Jezierski, J.Deniszczyk, A.Czopnik, A.Zygmunt
Electronic structure and magnetic properties CePdSb and $\text{Ce}_{1-x}\text{La}_x\text{PdSb}$
 Physical Review B, **70**, 2004, 184429
128. A.Ślebarski, T.Zawada, J.Spatek, A.Jezierski
Effect of Sn doping on the coherent Kondo gap in CeRhSb and the emergence of non-Fermi-liquid state in $\text{CeRhSb}_{1-x}\text{Sn}_x$
 Physical Review B, **70**, 2004, 235112
129. R.Troć, Z.Bukowski, C.Sułkowski, H.Misiorek, J.A.Morkowski, A.Szajek, G.Chełkowska
Electronic Structure, Magnetic and Transport Studies of Single-crystalline UCoGa_5
 Physical Review B, **70**, 2004, 184443
130. B.R.Bułka, T.Kostyrko
Electronic correlations in coherent transport through a two quantum dot system
 Physical Review B, **70**, 2004, 205333-1 do 205333-11
131. Y.Utsumi, J.Martinek, P.Bruno, H.Imamura
Indirect exchange interaction between two quantum dots in an Aharonov-Bohm ring
 Physical Review B **69**, 155320, 2004, 155320

Physical Review E

132. M.Ginovska, H.Kresse, D.Bauman, G.Czechowski, J.Jadzyn
Static and dynamic dielectric behaviour of mesogenic compounds of different polarity in the vicinity of the isotropic to nematic phase transition
Physical Review E **69**, 2004, 022701-1 do 022701-4
133. A.C.Brańka, D.M.Heyes
Time correlation functions of hard sphere and soft sphere fluids
Physical Review E **69**, 2004, 021202-1 do 021202-12

Physical Review Letters

134. P.Stefański, A.Tagliacozzo, B.Bułka
Fano version Kondo resonances in a multilevel "semiopen" quantum dot
Physical Review Letters, vol. 93, number 18, 2004, 186895-1/186895-4

physica status solidi (b)

135. Z.Trybuła, J.Kaszyński, Sz.Łoś, S.Mielcarek, M.Trybuła
Two relaxation processes in the inhomogeneous deuterated ferroelectric $Rb_{0.96}(ND_4)_{0.04}D_2AsO_4$
physica status solidi (b) **241**, No. 2, 2004, 447-452
136. A.Szlaferek
Model exchange-spring nanocomposite magnetic grains
physica status solidi (b) **241**, No. 6, 2004, 1312-1315
137. J.Dubowik, F.Stobiecki, B.Szymański, I.Gościańska, K.Röll, Y.P.Lee
Pseudo spin-valve structures with NiO/Co as a hard magnetic layer
physica status solidi (b) **241**, No. 7, 2004, 1613-1616
konferencyjne

Plant Physiology and Biochemistry

138. M.Garnczarska, W.Bednarski
Effect of a short-term hypoxic treatment followed by re-aeration in free radicals level and antioxidative enzymes in lupine roots
Plant Physiology and Biochemistry **42**, 2004, 233-240
139. I.Morkunas, W.Bednarski, M.Kozłowska
Response of embryo axes of germinating seeds of yellow lupine to Fusarium oxysporum
Plant Physiology and Biochemistry **42**, 2004, 493-499

Polymer

140. A.Wolińska-Grabczyk, W.Bednarski, A.Jankowski, S.Wapłak
Permeable domains of segmented polyurethanes studied with paramagnetic spin probe
Polymer **45**, 2004, 791-798

Science

141. A.N.Pasupathy, R.C.Bialczak, J.Martinek, J.E.Grose, L.A.K.Donev, P.L.McEuen, D.C.Ralph
The Kondo effect in the presence of ferromagnetism
Science **306** (5693): 86-89 OCT 1 2004

Solid State Communications

142. A.Kowalczyk, A.Szajek, G.Chełkowska, T.Toliński
Electronic properties of Nd₃Co₁₃B₂ compound
Solid State Communications **132**, 2004, 225-228

Solid State Nuclear Magnetic Resonance

143. J.Kowalczuk, J.Tritt-Goc, N.Piślewski
The swelling properties of hydroxypropyl methyl cellulose loaded with tetracycline hydrochloride: magnetic resonance imaging study
Solid State Nuclear Magnetic Resonance **25**, 2004, 35-41
144. A.Rachocki, J.Tritt-Goc, N.Piślewski
NMR study of molecular dynamics in selected hydrophilic polymers
Solid State Nuclear Magnetic Resonance **25**, 2004, 42-46
145. K.Ćwikiel, W.Medycki, J.Stankowski
NMR study of triglycine sulphate (TGS) in electric field perpendicular to the ferroelectric axis
Solid State Nuclear Magnetic Resonance **25**, 2004, 125-128
146. W.Medycki, J.Świergiel, K.Hołderna-Natkaniec, K.Jurga, R.Jakubas
¹H NMR studies on molecular motions of 4-aminopyridinium and pyrrolidinium cations in new ferroics
Solid State Nuclear Magnetic Resonance **25**, 2004, 129-132

Superconductor Science and Technology

147. L.Piekara-Sady, W.Kempiński, B.Andrzejewski, L.Duclaux
The kinetics of superconducting phase formation on rubidium intercalation into C₆₀: an electron paramagnetic resonance study
Superconductor Science and Technology **17**, 2004, 1-5

Synthetic Metals

148. M.Golub, A.Graja, K.Józwiak
SEM/EDX investigations of conducting organic composites formed by BEDO-TTF and iodides
Synthetic Metals **144**, 2004, 201-206

Thin Solid Films

149. J.B.Kim, S.Y.Park, Y.P.Lee, Y.V.Kudryavtsev, R.Gontarz, B.Szymański
Mn_{1-x}Fe_x alloy films studied by optical and magneto-optical spectroscopies
Thin Solid Films **455-456**, 2004, 450-452
konferencyjne

Zeitschrift Für Naturforschung

150. N.Sinyavsky, M.Maćkowiak
Nutation spectra of nuclear quadrupole resonance in off-resonance conditions
Zeitschrift Für Naturforschung **59a**, 2004, 228-234
151. G.Czechowski, P.Jarosiewicz, A.Rabiega, J.Jadzyn
The viscous properties of diols. IV. 1,2- and 1,4-butanediol in butanols solutions
Zeitschrift für Naturforschung **59a**, 2004, 119-123
152. J.Boguszyńska, J.Tritt-Goc
¹H NMR cryoporometry study of the melting behavior of water in white cement
Zeitschrift für Naturforschung **59a**, 2004, 550-558
153. P.Jarosiewicz, G.Czechowski, J.Jadzyn
The viscous properties of diols. V. 1,2-hexanediol in water and butanol solutions
Zeitschrift für Naturforschung **59a**, 2004, 559-562

IV PUBLIKACJE W INNYM RECENZOWANYM CZASOPIŚMIU ZAGRANICZNYM

J.Magn. Soc. Japan

1. Y.Utsumi, J.Martinek, P.Bruno, J.Barnaś, S.Maekawa
Many-body effects in nanospintronics devices
J.Magn. Soc. Japan Vol. 28, No. 11, 2004, 1081-1088

Journal of Non-Linear Optics, Quantum Optics

2. A.Tamulis, J.Tamuliene, V.Tamulis, A.Ziriakoviene, A.Graja
Quantum mechanical design of molecular electronics logical machines
Journal of Non-Linear Optics, Quantum Optics Vol. **30**, 2004, 267-284
3. N.Piślewski, J.Tritt-Goc, J.Kowalczyk
Microimaging of the water diffusion in hydrophilic polymers.
Nonlinear Optics, Quantum Optics Vol. **31**, 2004, 199-201
konferencyjne
4. A.Graja, M.Golub
Electrical transport in organic composites based on BEDT-TTF and BEDO0TTF.
Nonlinear Optics, Quantum Optics Vol. **32**, 2004, 21-37
Konferencyjne

Механика композитных материалов и конструкций

5. Д.А.Конёк, К.В.Войciechowski, Ю.М.Плескачевский, В.С.Шилько
Материалы с отрицательным коэффициентом Пуассона (ОБЗОР)
Механика композитных материалов и конструкций том 10, № 1, 2004, p. 35-69
Konferencyjne

Mansoura Science Bulletin (A Chem.)

6. J.P.Farges, A.Brau, A.Graja
Conducting organic composites: latest results
Mansoura Science Bulletin (A Chem.) vol. **30** (1) Suppl. (1), 2004, 53-66

- Slow Dynamics in Complex Systems**
7. K.W.Wojciechowski
Simple models of unusual elastic properties
 Slow Dynamics in Complex Systems Vol. 708, 2004, 735-738
 konferencyjne
- Proc. SPIE – Int. Soc. Opt. Engn.**
8. P.Kopcansky, I.Potocova, M.Koneracka, M.Timko, J.Jadzyn, G.Czechowski,
 A.M.G.Jansen
The structural transitions in thermotropic ferronematics
 Proc. SPIE – Int. Soc. Opt. Engn., **5565**, 2004, 263-269
 konferencyjne

V. PUBLIKACJE W INNYM RECENZOWANYM CZASOPIŚMIE KRAJOWYM

1. **Annales Polish Chemical Soc**
 E.Olszewska, J.Garbarczyk, Cz.Pawlaczyk, E.Markiewicz
Nanocomposites of vermiculite and conducting polyaniline as filler to polymers
 Annales Polish Chemical Soc. **2003**, vol. 2, 194-198
- Computational Methods in Science and Technology**
2. V.V.Novikov, K.W.Wojciechowski, V.P.Privalko
Chaotic fractal models generated by rectangular cells.
 Computational Methods in Science and Technology 10(1), 2003, 91-100
 konferencyjne
- Inżynieria Materiałowa**
3. K.Smardz, L.Smardz, M.Jurczyk
Preparation and in-situ surface characterisation of polycrystalline and nanocrystalline LaNi₅ thin films
 Inżynieria Materiałowa 3, 2004, 238-241
4. K.Smardz, L.Smardz
Electronic properties of in-situ prepared nanocrystalline TM₁-Ti (TM₁ = Fe, Co, Ni) thin films
 Inżynieria Materiałowa 3, 2004, 234-237
- Molecular Physics Reports**
5. P.J.Kelly, M.Zwierzycki, K.Xia, M.Talanana, G.E.W.Bauer
First-principles scattering matrices for spin-transport
 Molecular Physics Reports 40, 2004, 34-38
6. S.Lipiński, B.R.Bułka
Coherent transport through double dot system
 Molecular Physics Reports 40, 2004, 113-118
7. P.Tomczak, D.Maksymiuk, A.R.Ferchmin
Size dependence of T_c in Ni thin films and nanowires. The problem of range of interactions
 Molecular Physics Reports 40, 2004, 172-175

8. J.Wiśniewska, I.Weymann, J.Barnaś
Transport characteristics of ferromagnetic single-electron transistors
Molecular Physics Reports 40, 2004, 187-191
9. N.Ranjan, R.Gutierrez, S.Krompiewski, G.Cuniberti
Electron transport in carbon nanotube-metal systems: contact effects
Molecular Physics Reports 40, 2004, 125-130
10. A.Jezierski, A.Szytuła
Band structure of ternary YbTm (T=transition metal, M=Sn, Bi) compounds
Molecular Physics Reports 40, 2004, 84-88
11. M.Urbaniak, F.Stobiecki, T.Luciński, B.Szymański
Magnetization and magnetoresistance correlation in NiFe/Au/Co/Au multilayers
Molecular Physics Reports 40, 2004, 176-181
12. P.Wandziuk, M.Kopcewicz, B.Szymański, T.Luciński
Structural and magnetic properties of Fe/Si_xFe_{1-x} multilayers
Molecular Physics Reports 40, 2004, 182-186
13. B.Idzikowski, A.Szajek, S.Kostyrya
Recent developments and future of soft magnets with nanocrystalline Cr₂₃C₆ – type phase
Molecular Physics Reports 40, 2004, 181-186
14. K.Smardz, A.Szajek, L.Smardz, M.Jurczyk
Electronic properties of nanocrystalline Mg₂Ni – type alloys
Molecular Physics Reports 40, 2004, 131-136
15. L.Smardz, K.Smardz
Growth and coercivity behaviour in Fe/Zr multilayers
Molecular Physics Reports 40, 2004, 137-143
16. J.Dubowik, Y.Kudryavtsev, Y.P.Lee, N.N.Lee, B.S.Hong
Influence of structural order on magnetic properties of Ni₂MnIn Heusler alloy films
Molecular Physics Reports 40, 2004, 55-61
17. M.Zwierzycycki, Y.Tserkovnyak, P.J.Kelly, A.Brataas, G.E.W.Bauer
First-principles study of magnetization realxation enhancement in thin magnetic films
Molecular Physics Reports 40, 2004, 200-2005

VI. INNE PRACE DRUKOWANE

Działalność Naukowa PAN

1. R.Świetlik
Zjawisko uporządkowania ładunkowego w półprzewodniku organicznym utworzonym przez BEDT-TTF z anionami Co(CN)₆.
Działalność Naukowa PAN, Wybrane zagadnienia, Tom **17**, 2004,70
2. A.Graja and M.Golub
Wysokoprzewodzące kompozyty organiczne
Działalność Naukowa PAN, Wybrane zagadnienia, Tom **17**, 2004, 69-70

- Nauka**
3. J.Stankowski
Tajemnica spinu
Nauka 4, 2004, 119-132