

WYKAZ PRAC OPUBLIKOWANYCH W 2007 ROKU

1/ WYKAZ MONOGRAFII OPUBLIKOWANYCH

1.1 Autorstwo monografii lub podręcznika akademickiego w języku angielskim

1.2 Autorstwo rozdziału w monografii lub podręczniku akademickim w języku Agielskim

1. P.Kędziora
Nonlinear dielectric spectroscopy of molecular fluctuation dynamics in isotropic phase of liquid crystals.
Rozdział w monografii “Dielectric Properties of Liquid Crystals”,
str. 103-128, Ed. Z. Galewski, L. Sobczyk, Transworld Research Network 37/661(2),
(2007) ISBN 978-81-7895-288-8, Kerala, India
Wydawca: Transworld Research Network
2. J.Hoffmann
Dielectric properties of liquid crystals with helical order.
Rozdział w monografii “Dielectric properties of liquid crystals”,
str. 47-82, Ed. Z. Galewski, L. Sobczyk, Transworld Research Network 37/661(2), (2007)
ISBN 978-81-7895-288-8, Kerala, India
Wydawca: Transworld Research Network
3. W.Kuczyński
Electrooptic investigations of chiral liquid crystals.
Rozdział w monografii “Dielectric properties of liquid crystals”,
str. 129-157, Ed. Z. Galewski, L. Sobczyk, Transworld Research Network 37/661(2) (2007)
ISBN 978-81-7895-288-8, Kerala, India
Wydawca: Transworld Research Network
4. L.Kispert, L.Piekara-Sady
ENDOR Spectroscopy.
Handbook of Applied Solid State Spectroscopy, Chapter IV Ed. D. R. Vij
Wydawca: Springer 2006, str. 151-200
5. B.Idzikowski
Elektronika spinowa – nowe idee i materiały.
Rozdział w monografii „Nanonauka i nanotechnologia – stan i kierunki rozwoju”.
pod redakcją prof. A. Mazurkiewicza, str. 445
Wydawca: Wydawnictwo Instytutu Technologii Eksploatacji-Państwowego Instytutu
Badawczego, Radom
6. B.Idzikowski
Nanokrystaliczne materiały magnetycznie miękkie.
Rozdział w monografii „Nanonauka i nanotechnologia – stan i perspektywy rozwoju”
pod redakcją prof. A. Mazurkiewicza, str. 506-507
Wydawca: Wydawnictwo Instytutu Technologii Eksploatacji-Państwowego Instytutu
Badawczego, Radom

7. J.Baszyński
Nanokontakty perowskitowe dla spintroniki.
Rozdział w monografii „Nanonauka i nanotechnologia – stan i perspektywy rozwoju” pod redakcją prof. A. Mazurkiewicza, str. 344-345
Wydawca: Wydawnictwo Instytutu Technologii Eksploatacji-Państwowego Instytutu Badawczego, Radom
8. J.Baszyński
Nanostruktury funkcyjne dla spintroniki.
Rozdział w monografii „Nanonauka i nanotechnologia – stan i perspektywy rozwoju” pod redakcją prof. A. Mazurkiewicza, str. 342-343
Wydawca: Wydawnictwo Instytutu Technologii Eksploatacji-Państwowego Instytutu Badawczego, Radom
9. O.Drozdova, M.A.Tanatar, R.Świetlik, K.Yakushi, T.Nakamura, S.Kagoshima, V.S.Yefanov, N.D.Kushch and E. B.Yagubskii
Raman spectroscopy of κ -(BEDT-TTF)₂Cu[N(CN)₂I]
Rozdział w monografii “Multifunctional Conducting Molecular Materials, ed. G. Saito et al.The Royal Society of Chemistry Publishing 2007, Cambridge (UK), str. 87-90
Wydawca: The Royal Society of Chemistry, Cambridge, UK

1.3 Autorstwo monografii lub podręcznika akademickiego w języku polskim lub innym nie angielskim

1.4 Autorstwo rozdziału w monografii lub podręczniku akademickim w języku polskim lub innym nie angielskim (nie podstawowym dla danej dziedziny)

1.5 Redaktor naczelny wieloautorskich: monografii, podręcznika akademickiego lub serii wydawniczej

- 1 Tytuł: Materials Science Poland Conference New materials for Magnetoelectronics, Będlewo, 3-6 May 2006
Published by: Oficyna Wydawnicza Politechniki Wrocławskiej
Guest Editors: Stanisław Lipiński, Tadeusz Luciński

WŁASNE WYDAWNICTWA W ROKU SPRAWOZDAWCZYM

1. Tytuł *Scientific Network "New materials for magnetoelectronics" MAG-EL-MAT Meeting of the Members, May 7-10, 2007, Będlewo near Poznań, Poland*
Published by: IFM PAN, ISBN 83-922407-4-X

2/ WYKAZY PRAC OPUBLIKOWANYCH

2.1 Publikacje w czasopiśmie z listy filadelfijskiego Instytutu Informacji Naukowej

1. B.Andrzejewski, E.Guimeau, A.Kowalczyk, W.Jurga
Superconducting properties of $Mo_2Re_3B_x - Mo_3Re_2B_x$ eutectic.
Acta Physica Polonica A Vol. 111, No. 5, 727-735, 2007
2. J.Jadzyn, J.-L.Dejardin, G.Czechowski
Singular pretransitional behavior of the electric field-dependent part of the thermodynamic quantities of strongly polar mesogenic liquids in the isotropic phase.
Acta Physica Polonica A Vol. 111, No. 6, 877-884, 2007

3. J.Morkowski
Spin polarons in antiferromagnetic planes.
Acta Physica Polonica A Vol. 111, No. 4, 397-408, 2007
4. M.Zdanowska-Frączek, M.Olszewski, Z.J.Frączek, R.Jakubas
The dielectric studies of ferroelectric $[\text{NH}_2(\text{CH}_3)_2]_3\text{Sb}_2\text{Cl}_9$ crystals under moderate pressure.
Acta Physica Polonica A Vol. 112, No. 3, 549-555, 2007
5. M.A.Augustyniak-Jabłokow, Yu.V.Yablokov, I.Jacyna-Onyszkiewicz, T.A.Ivanova, V.A.Shustov
EPR study of water induced decomposition of the SrCuO_2 and Sr_2CuO_3 ceramics surface. The role of carbon dioxide.
Acta Physica Polonica A Vol. 112 Supplement, 143-151, 2007
6. B.Barszcz, A.Bogucki, B.Laskowska, R.M.Ion, A.Graja
Spectral investigation of fullerene – porphyrin complexes.
Acta Physica Polonica A Vol. 112, No. 3, S523-S536, 2007
7. P.Trocha, J.Barnaś
Coherent transport through systems of coupled quantum dots.
Acta Physica Polonica 112, 473 (2007)
8. F.Rozpłoch, J.Patyk J.Stankowski
Graphenes bonding forces in graphite.
Acta Physica Polonica A112, 557 (2007)
9. M.Bielejewski, A.Rachocki, R.Luboradzki and J.Tritt-Goc
Molecular dynamics in a new solid glucofuranose-based low molecular weight organogelator as studied by ^1H NMR.
Applied Magnetic Resonance 33, 4, 431-438 (2007)
10. J.Kaszyńska, A.Rachocki, J.Tritt–Goc, N.Piślewski
The NMR study of the molecular dynamics of the D-Amphetamine sulfate salt powder.
Applied Magnetic Resonance 33, 4, 439-446 (2007)
11. P.Kersch, U.K.Rössler, T.Gemming, K.-H.Müller, Z.Śniadecki, B.Idzikowski
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Applied Physics Letters 90, 031903-1 do 031903-3, 2007
12. M.Wencka, K.Wichlarz, H.Kasprzyk, S.Lijewski, S.K.Hoffmann
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Cellulose 14, 183-194, 2007
13. B.Laskowska, A.Łapiński, A.Graja, P.Hudhomme
Spectral studies of new fullerene-tetrathiafulvalene based system.
Chemical Physics 332, 289-297, 2007
14. D.Wróbel, A.Graja, H.Manikowski, K.Lewandowska
Charge transfer in fullerene - porphyrin-derived dyes studied with light-induced electron spin resonance.
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15. A.Ota, L.Ouahab, S.Golhen, Y.Yoshida, M.Maesato, G.Saito, R.Świetlik
Phase transition from Mott insulating phase into the charge ordering phase with molecular deformation in charge-transfer salts κ -(ET)₄[$M(CN)$]₆[$N(C_2H_5)_4$] $\cdot 2H_2$) ($M = Co^{III}$ and Fe^{III}).
Chemistry of Materials 19, 2455-2462, 2007
16. J.L.Dejardin, J.Jadzyn
Influence of the anisotropic polarizability on the anomalous dielectric relaxation spectra.
Colloids and Surfaces B: Biointerfaces 56, 26-34, 2007
17. B.Andrzejewski, W.Kempiński, Z.Trybuła, J.Kaszyński, J.Stankowski, Sz.Łoś,
J.Piekoszewski, J.Stanisławski, M.Barłak, Z.Werner, P.Konarski
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Cryogenics 47, 267-271, 2007
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Physical properties of single crystalline $CeNi_{4.2}Mn_{0.8}$.
Crystal Research and Technology 42, No. 12, 1348-1351, 2007
19. P.Lucignano, P.Stefański, A.Tagliacozzo, B.R.Bułka
Quantum transport across multilevel quantum dot.
Current Applied Physics, 7 (2007) 198-204
20. A.Go, M.Pugaczowa-Michalska, L.Dobrzyński
Electronic structure and the site preference of manganese in Fe_3Si alloys.
The European Physical Journal B 59, 1-8, 2007
21. M.Misiorny, J.Barnaś
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Europhysics Letters Vol. 78, No. 2, 27003, 2007
22. R.Sobietianskas, J.Banys, A.Brilingas, J.Grigas, A.Pawłowski, B.Hilczer
Dielectric properties of $(NH_4)_3H(SO_4)_2$ crystals in room- and high-temperature phases.
Ferroelectrics 348, 75-81, 2007
23. V.K.Dugaev, V.R.Vieira, P.D.Sacramento, J.Barnaś, M.A.N.Araujo, J.Berakdar
Current-induced spin torque on a domain wall in a magnetic nanowire
International Journal Modern Physics B 21, 1659 (2007)
24. M.Pugaczowa-Michalska
Electronic structure, equilibrium and magnetic properties of Ni_2MnGe : ab initio study.
Journal of Alloys and Compounds 427, 54-60, 2007
25. A.Szajek, M.Jurczyk, I.Okońska, K.Smardz, E.Jankowska, L.Smardz
Electrochemical and electronic properties of nanocrystalline Mg-based hydrogen storage materials.
Journal of Alloys and Compounds 436, 345-350, 2007
26. A.Kowalczyk, M.Falkowski, V.H.Tran, M.Pugaczowa-Michalska
Electronic structure and thermoelectric power of $CeNi_4Si$.
Journal of Alloys and Compounds 440, 13-17, 2007

27. B.Andrzejewski, A.Kowalczyk, A.Jezierski, M.R. Lees, G.Chełkowska
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Journal of Alloys and Compounds 442, 225-227, 2007
28. D.Krychowski, S.Lipiński, S.Krompiewski
Spin dependent transport through a carbon nanotube quantum dot in magnetic field.
Journal of Alloys and Compounds 442, 379-381, 2007
29. V.H.Tran, W.Miiller, A.Kowalczyk, T.Toliński, G.Chełkowska
 $YbNi_{0.8}Al_{4.2}$: A novel intermetallic compound with an enhanced thermoelectric power factor.
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Journal of Alloys and Compounds 442, 286-288, 2007
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Non-magnetic behaviour of UFe_2Si_2 compound.
Journal of Alloys and Compounds 442, 286-288, 2007
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Electronic structure and photoemission spectrum of UCo_4B compound.
Journal of Alloys and Compounds 442, 272-274, 2007
33. M.Falkowski, B.Andrzejewski, A.Kowalczyk
Magnetic properties of hexagonal RNi_4Si ($R = rare earth$) compounds.
Journal of Alloys and Compounds 442, 155-157, 2007
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Calculated electronic structure and measured X-ray photoemission spectrum of $UAuSb_2$.
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Characterization of $BiFeO_3$ Nanopowder obtained by mechanochemical synthesis.
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41. S.Krompiewski, G.Cuniberti
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Interlayer coupling in Ni-Fe/Au/Co/Au multilayers.
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43. S.Lipiński, D.Krychowski
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44. Y.V.Kudryavtsev, V.A.Oksenenko, V.A.Kulagin, J.Dubowik, Y.P.Lee
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Magnetic properties and structure of thin Ni-Mn-Sn films and alloys.
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Magnetic properties of Co₂MnGa Heusler alloy films with different crystalline order.
 Journal of Magnetism and Magnetic Materials 316, e407-e410, 2007
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Journal of Physical Chemistry A 111, 8325-8329, 2007
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Prenematic behaviour of the electric-field-induced increment of the basic thermodynamic quantities of isotropic mesogenic liquids of different polarity.
Journal of Physical Chemistry B 111, 3727-3729, 2007
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Structure and properties of tris(tetramethylammonium)nonabromodiarsenate(III), $[(CH_3)_4]_3[As_2Br_9]$.
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85. A.Jeziński, P.Kowalewski, J.Dubowik
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