

STAFF PUBLICATIONS - 2010

PUBLIKACJE PRACOWNIKÓW IFPAN Z ROKU 2010

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Nr	Czasopismo	Autorzy publikacji	Tytuł publikacji	vol., pp, rok	Impact factor	Uwagi
1	Acta Physica Polonica A	Abal'osheva I. , Abal'oshev O. , Cieplak M.Z. , Zhu L.Y. , Chien C.L.	Inhomogeneous Magnetic Field Penetration in Superconducting Niobium Films	vol. 118, 396-398 (2010)	0,433	[3/5, KK]
2	Acta Physica Polonica A	Bezussy V. , Malinowski A. , Minikayev R. , Paszkowicz W. , Dziawa P. , Gorzelniak R.	From Cuprate to Nickelate: Evolution of the Normal State Properties with Ni from La1.85 Sr0.15 CuO4 to La1.85 Sr0.15 NiO4	vol. 118 (2), 402-405 (2010)	0,433	[5/6, KK]
3	Acta Physica Polonica A	Dyakonov V. , Szytuła A. , Baran S. , Kravchenko Z. , Zubov E. , Iesenchuk O. , Bazela W. , Dul M. , Zarzycki A. , Szymczak H.	Magnetic properties of the nanocrystalline DyMnO3 compound	vol. 117 (4), 607-610 (2010)	0,433	[3/10, KK]
4	Acta Physica Polonica A	Gajda D. , Zaleski A. , Dyakonov V. , Matrosov N.I. , Szymczak H. , Beloshenko V.A. , Spuskanyuk V.Z. , Chishko V.V.	Pinning force in superconducting wires Nb-Ti	vol. 118 (2), 364-365 (2010)	0,433	[2/8, KK]
5	Acta Physica Polonica A	Gawryluk D. , Fink-Finowicki J. , Wiśniewski A. , Puźniak R. , Domukhovski V. , Diduszko R. , Berkowski M.	Structure and superconductivity of FeSe1-x and FeTe1-ySey crystals: dependence on the synthesis methods, starting composition, and growth conditions	vol. 118 (2), 331-335 (2010)	0,433	[7/7, KK]
6	Acta Physica Polonica A	Karpio K. , Orłowski A. , Łukasiewicz P.	Stock Indices for Emerging Markets	vol. 117, 619-622 (2010)	0,433	[1/3, KK]
7	Acta Physica Polonica A	Kulik M. , Kobzew A. , Misiuk A. , Wierzchowski W. , Wieteska K. , Bąk-Misiuk J.	Composition and structure of Czochralski silicon implanted with H2+ and annealed under enhanced hydrostatic pressure	vol. 117 (2), 332-335 (2010)	0,433	[1/6, KK]
8	Acta Physica Polonica A	Lewandowski S.J. , Berkowski M. , Tarenkov V.Y. , D'yachenko A.I. , Abal'oshev O. , Abal'osheva I. , Gawryluk D. , Domukhovski V. , Sidorov S.L. , Boichenko D.I.	Magnetic Properties of FeSeTe Compound Crystallized from Liquid Phase	vol. 118 (2), 289-291 (2010)	0,433	[6/10, KK]
9	Acta Physica Polonica A	Malinowski A. , Bezussy V. , Minikayev R. , Paszkowicz W. , Dziawa P. , Syryany Y. , Sawicki M.	Magnetic Nature of a Ni Dopant in La1.85 Sr0.15 CuO4: Spin- Glass Behavior	vol. 118 (2), 244-248 (2010)	0,433	[7/7, KK]
10	Acta Physica Polonica A	Mazur P. , Zmarzłowski K. , Orłowski A.	Genetic Algorithms Approach to Community Detection	vol. 117, 703-705 (2010)	0,433	[1/3, KK]
11	Acta Physica Polonica A	Minikayev R. , Paszkowicz W. , Werner-Malento E. , Lathe C. , Dąbkowska H.	Equation of state of zircon-type TbVO4	vol. 117 (2), 319-322 (2010)	0,433	[3/5, KK]
12	Acta Physica Polonica A	Misiuk A. , Wierzchowski W. , Wieteska K. , Londos C.A. , Andrianakis A. , Bąk-Misiuk J. , Yang D. , Surma B..	Defect structure of nitrogen doped Czochralski silicon annealed under enhanced pressure	vol. 117 (2), 344-347 (2010)	0,433	[1/8, KK]

13	Acta Physica Polonica A	Nabiałek A. , Vasiliev S. , Chabanenko V. , Perez-Rodriguez F. , Piechota S. , Szymczak H.	The influence of magnetic history on the stability of critical state and the dynamics of flux jumps in conventional NbTi superconductor	vol. 118 (2), 343-345 (2010)	0,433	[3/6, KK]
14	Acta Physica Polonica A	Paszkowicz W. , Piszora P. , Łasocho W. , Margiolaki I. , Brunelli M. , Fitch A.	Lattice parameter of polycrystalline diamond in the low-temperature range	vol. 117 (2), 323-327 (2010)	0,433	[1/6, KK]
15	Acta Physica Polonica A	Paszkowicz W. , Sikora M. , Szuszkiewicz W.	Preface	vol. 117 (2), 256-257 (2010)	0,433	[2/3]
16	Acta Physica Polonica A	Paszkowicz W. , Wolska A. , Klepka M. , Abd El All S. , Ezz-Eldin F.	Combined x-ray diffraction and absorption study of crystalline vanadium-doped lithium disilicate	vol. 117 (2), 315-318 (2010)	0,433	[3/5, KK]
17	Acta Physica Polonica A	Pelka J. , Tybor K. , Nietubyć R. , Wrochna G.	Applications of free electron lasers in biology and medicine	vol. 117 (2), 427-432 (2010)	0,433	[1/4, KK]
18	Acta Physica Polonica A	Pietrzyk M. , Kowalski B. , Orłowski B. , Knoff W. , Story T. , Dobrowolski W. , Slynko V.E. , Slynko E.I. , Johnson R.L.	A Comparison of the Valence Band Structure of Bulk and Epitaxial GeTe-based Diluted Magnetic Semiconductors	vol. 117 (2), 293-295 (2010)	0,433	[6/9, KK]
19	Acta Physica Polonica A	Przysłupski P. , Dybko K. , Werner-Malento K. , Aleshkevych P. , Wójcik M. , Sawicki M.	Signature of the spin triplet phase in La _{0.7} Sr _{0.3} MnO ₃ /Yba ₂ Cu ₃ O ₇ /La _{0.7} Sr _{0.3} MnO ₃ trilayers	vol. 118 (2), 313 (2010)	0,433	[6/6, KK]
20	Acta Physica Polonica A	Romanowski P. , Bąk-Misiuk J. , Dynowska E. , Domagała J.Z. , Sadowski J. , Wojciechowski T. , Barcz A. , Jakiela R. , Caliebe W.	Defect Structure of High-Temperature-Grown GaMnSb/GaSb	vol. 117 (2), 341 (2010)	0,433	[8/9, KK]
21	Acta Physica Polonica A	Savytskii D.I. , Paulmann C. , Bismayer U. , Berkowski M.	Identification of the domain walls configuration in the ferroelastic nanosize material La _{0.95} Sr _{0.05} Ga _{0.9} Mg _{0.1} O _{3-x}	vol. 117 (1), 62-73 (2010)	0,433	[1/4, KK]
22	Acta Physica Polonica A	Syryanyy Y. , Zhu L.Y. , Cieplak M.Z. , Chien C.L.	Enhancement of Flux Pinning in the Superconductor-Ferromagnet Bilayer Nb(Co/Pd)	vol. 118, 399-401 (2010)	0,433	[2/4, KK]
23	Acta Physica Polonica A	Szymczak R. , Bludov A.N. , Gnatchenko S.L. , Barilo S.N. , Jezierski A. , Szymczak H.	Field-induced magnetic order in frustrated TbBaCo ₄ O ₇ single crystals	vol. 118 (2), 299-302 (2010)	0,433	[2/6, KK]
24	Acta Physica Polonica A	Szymczak R. , Kolano R. , Kolano-Burian A. , Dyakonov V. , Szymczak H.	Giant magnetocaloric effect in manganites	vol. 117 (1), 203-206 (2010)	0,433	[3/5, KK]
25	Acta Physica Polonica A	Ubizskii S.B. , Vasylechko L.O. , Zhydachevskii Y.. , Suchocki A. , Sugak D.Y.	Preface	vol. 117, 5-6 (2010)	0,433	[2/5]
26	Acta Physica Polonica A	Vasiliev S. , Nabiałek A. , Rusakov V.F. , Belevtsov L.V. , Chabanenko V. , Szymczak H.	The influence of the magnetic field on the dynamics of the flux jumps in the flux flow model	vol. 118 (2), 340-342 (2010)	0,433	[2/6, KK]
27	Acta Physica Polonica A	Werner-Malento E. , Paszkowicz W. , Fidelus J.D. , Godlewski M. , Yatsunenko S.	Effect of annealing on the crystal structure and microstructure of Pr doped Zr ₂ -Y ₂ O ₃ nanocrystals	vol. 117 (1), 91-97 (2010)	0,433	[4/5, KK]
28	Acta Physica Polonica A	Wolska A. , Ławniczak-Jabłońska K. , Klepka M. , Barcz A. , Hallen A. , Arvanitis D.	Study of the local environment of Mn ions implanted in GaSb	vol. 117 (2), 286-292 (2010)	0,433	[4/6, KK]
29	Acta Physica Polonica A	Zaytseva I. , Cieplak M.Z. , Abal'oshev O. , Dłużewski P. , Grabecki G. , Plesiewicz W. , Zhu L.Y. , Chien C.L.	Magnetoresistance of Si/Nb/Si Trilayers	vol. 118 (2), 406-408 (2010)	0,433	[6/8, KK]
30	Acta Physica Polonica A	Zhydachevskii Y.. , Suchocki A. , Berkowski M. , Warchoń S.	Effect of manganese concentration on thermoluminescent properties of YAIO(3):Mn crystals	vol. 117 (1), 177-180 (2010)	0,433	[2/4, KK]
31	Acta Physica Polonica A	Zmarzłowski K. , Mazur P. , Orłowski A.	Dynamics of a Polish Internet-Based Social Network	vol. 117, 700-702 (2010)	0,433	[1/3, KK]

32	Applied Magnetic Resonance	Ivanov V.Y. , Godlewski M.	ODMR study of Zn(1-x)Mn(x)Se/Zn(1-y)Be(y)Se and Cd(1-x)Mn(x)Te/Cd(1-y)Mg(y)Te Diluted Magnetic Semiconductor Quantum Wells	vol. 39 (1-2), 31-47 (2010)	0,819	[2/2]
33	Applied Physics B (Lasers and Optics)	Dominiak-Dzik G. , Ryba-Romanowski W. , Lisiecki R. , Solarz P. , Berkowski M.	Dy-doped Lu₂SiO₅ single crystal: spectroscopic characteristics and luminescence dynamics	vol. 99 (1-2), 285-297 (2010)	1,992	[1/5]
34	Applied Physics B (Lasers and Optics)	Lisiecki R. , Dominiak-Dzik G. , Solarz P. , Ryba-Romanowski W. , Berkowski M. , Głowacki M.	Optical spectra and luminescence dynamics of the Dy-doped Gd₂SiO₅ single crystal	vol. 98 (2-3), 337-346 (2010)	1,992	[2/6]
35	Applied Physics Letters	Drexler C. , Bel'kov V.V. , Ashkinadze B. , Olbrich P. , Zoth C. , Lechner R. , Terent'ev Y.V. , Yakovlev D.R. , Karczewski G. , Wojtowicz T. , Schuh D. , Wegscheider W. , Ganichev S.D.	Spin polarized electric currents in semiconductor heterostructures induced by microwave radiation	vol. 97, 182107-1-3 (2010)	3,554	[2/13]
36	Applied Physics Letters	Kłopotowski Ł. , Goryca M. , Kazimierczuk T. , Kossacki P. , Wojnar P. , Karczewski G. , Wojtowicz T.	Dynamics of charge leakage from self-assembled CdTe quantum dots	vol. 96, 201905-1-3 (2010)	3,554	[4/7]
37	Applied Physics Letters	Sangaletti L. , Mozzati M.C. , Drera G. , Agekyan V.F. , Floreano L. , Morgante A. , Goldoni A. , Karczewski G.	Local electronic properties and magnetism of (Cd,Mn)Te quantum wells	vol. 96, 142105-1-4 (2010)	3,554	[1/8]
38	Applied Surface Science	Chromik S. , Gierłowski P. , Spankova M. , Dobrocka E. , Vavra I. , Strbik V. , Lalinsky T. , Sojkova M. , Liday J. , Vogrincic P. , Espinos J.P.	Preparation and structural properties of YBCO films grown on GaN/c-sapphire hexagonal substrate	vol. 256, 5618-5622 (2010)	1,616	[1/11]
39	Applied Surface Science	Koczorowski W. , Bazarnik M. , Cegiela M. , Petrouchik A. , Wawro A. , Czajka R.	STM/STS characterization of platinum silicide nanostructures grown on a Pt(111) surface	vol. 256, 4215-4219 (2010)	1,616	[2/6]
40	Biochimica et Biophysica Acta - Bioenergetics	Grzyb J. , Xu F. , Reijerse E.J. , Lubitz W. , Nanda V. , Noy D.	De novo design of a non-natural fold for an iron-sulfur protein: Alpha-helical coiled-coil with a four-iron four-sulfur cluster binding site in its central core	vol. 1797, 406-413 (2010)	3,688	[1/7, b. af.]
41	Biochimica et Biophysica Acta - Proteins and Proteomics	Rutkowska-Włodarczyk I. , Kierdaszuk B. , Włodarczyk J.	Analysis of proton exchange kinetics with time-dependent exchange rate	vol. 1804 (4), 891-898 (2010)	2,48	[1/3]
42	Biophysical Journal	Arad-Haase G. , Chuartzman S. , Dagan S. , Nevo R. , Kouza M. , Nguyen H. T. , Mai B. K. , Li M.S. , Reich Z.	Mechanical unfolding of acylphosphatase studied by single-molecule force spectroscopy and MD simulations	vol. 99 (1), 238-247 (2010)	4,39	[1/9]
43	Central European Journal of Physics	Stakhira P. , Pakhomov G. , Cherpak V. , Volyniuk D. , Łuka G. , Godlewski M. , Guziewicz E. , Hotra Z.	Photovoltaic cells based on nickel phthalocyanine and zinc oxide formed by atomic layer deposition	vol. 8 (5), 798-803 (2010)	0,728	[3/8]
44	Chemical Physics Letters	Deperasińska I. , Karpiuk E. , Banasiewicz M. , Kozankiewicz B.	On the photo-stability of single molecules. Dibenzoterrylene in 2,3-dimethylnaphthalene crystals	vol. 492, 93-97 (2010)	2,291	[4/4]
45	Chemical Physics Letters	Grochola A. , Kowalczyk P. , Jastrzębski W.	Investigation of the B (1) Pi state in NaCs by polarisation labelling spectroscopy	vol. 497, 22-25 (2010)	2,291	[1/3]
46	Chemical Physics Letters	Szczepkowski J. , Grochola A. , Jastrzębski W. , Kowalczyk P.	The 4(1) (sigma plus) electronic state of KII molecule	vol. 499, 36-39 (2010)	2,291	[2/4]
47	Chemical Society Reviews	Bonanni A. , Dietl T.	A story of high-temperature ferromagnetism in semiconductors	vol. 39, 528-539 (2010)	20,086	[1/2]
48	Crystal Growth & Design	Dominiak-Dzik G. , Ryba-Romanowski W. , Lisiecki R. , Solarz P. , Macalik B. , Berkowski M. , Głowacki M. , Domukhovski V.	The Czochralski growth of (Lu_{1-x}Gd_x)₂SiO₅:Dy single crystals: structural, optical, and dielectric characterization	vol. 10 (8), 3522-3530 (2010)	4,162	[3/8]

49	Crystal Growth & Design	Dziawa P. , Sadowski J. , Dłużewski P. , Łusakowska E. , Domukhovski V. , Taliashvili B. , Wojciechowski T. , Baczewski L. , Buwała M. , Galicka M. , Buczko R. , Kacman P. , Story T.	Defect Free PbTe Nanowires Grown by Molecular Beam Epitaxy on GaAs(111)B Substrates	vol. 10, 109-113 (2010)	4,162	[13/13]
50	Crystal Research and Technology	Iwanowski P. , Domukhovski V. , Diduszko R. , Berkowski M.	Growth conditions, structure and crystal morphology of rare earth potassium double tungstates	vol. 45 (12), 1237-1240 (2010)	0,896	[4/4, KK]
51	Crystal Research and Technology	Strak P. , Żytkiewicz Z. , Sakowski K. , Krukowski S.	Numerical analysis of growth kinetics of bulk III-V crystals grown by liquid phase electroepitaxy	vol. 45 (12), 1290-1294 (2010)	0,896	[1/4, KK]
52	Crystal Research and Technology	Szczerbakow A. , Durose K.	Compositional effects accompanying near equilibrium vapour growth of solid solution crystals of the types IV-VI and II-VI	vol. 45 (7), 679-684 (2010)	0,896	[1/2]
53	Crystal Research and Technology	Szczerbakow A. , Gołacki Z. , Domagała J.Z. , Minikayev R. , Dziawa P. , Reszka A. , Kowalski B.	Monocrystalline Cd(0.2)Zn(0.8)Te solid solution obtained by self-selecting vapour growth	vol. 45 (9), 895-898 (2010)	0,896	[7/7]
54	Current Opinion in Structural Biology	Galera-Prat A. , Gomez-Sicilia A. , Oberhauser A. , Cieplak M. , Carrion-Vazquez M.	Understanding biology by stretching proteins: recent progress	vol. 20, 63-69 (2010)	9,344	[1/5]
55	EPL (Europhysics Letters)	Wawro A. , Petrouchik A. , Baczewski L. , Kurant Z. , Maziewski. A.	Formation of magnetic dots in an ultrathin Co film forced by a patterned buffer	vol. 89 (3), 37003 (2010)	2,893	[3/5]
56	EPL (Europhysics Letters)	Weyeneth S. , Bendele M. , Puźniak R. , Muranyi F. , Bussmann-Holder A. , Zhigadlo N.D. , Katrych S. , Bukowski Z. , Karpiński J. , Shengelaya A. , Khasanov R. , Keller H.	Field-dependent superfluid density in the optimally doped SmFeAsO _{1-x} Fy superconductor	vol. 91 (4), 47005 (2010)	2,893	[1/12]
57	European Journal of Physics	Mostowski J.	Canonical transformations of Kepler trajectories	vol. 31, 1187-1194 (2010)	0,741	[1/1]
58	European Physical Journal A	Kmiecik M. , Maj A. , Gerl J. , Neyens G. , Atanasova L. , Balabanski D. , Becker F. , Bednarczyk P. , Benzoni G. , Blasi N. , Bracco A. , Brambilla S. , Caceres L. , Camera F. , Ciemala M. , Crespi F. , Chamoli S. , Chmel S. , Daugas J. , Detistov P. ,	Spin-alignment and g-factor measurement of the I =12+ isomer in ¹⁹² Pb produced in the relativistic-energy fragmentation of a ²³⁸ U beam	vol. 45, 153-158 (2010)	1,968	[1/61]
59	European Physical Journal B	Dyakonov V. , Szymczak R. , Prokhorov A.D. , Zubov E. , Prokhorov A.A. , Petrakovskii G.A. , Bezmaternykh L.N. , Berkowski M. , Varyukhin V. , Szymczak H.	Magnetic and EPR studies of the EuFe ₃ (BO ₃) ₄ single crystal	vol. 78, 291-298 (2010)	1,466	[4/10]
60	European Physical Journal B	Pagès O. , Postnikov A. , Chafi A. , Bormann D. , Simon P. , Glas F. , Firszt F. , Paszkowicz W. , Tournie E.	Non-random Be-to-Zn substitution in ZnBeSe alloys: Raman scattering and ab initio calculations	vol. 73 (4), 461-469 (2010)	1,466	[1/9]
61	Fizika Nizkikh Temperatur (Low Temperature Physics)	Beloshenko V.A. , Chishko V.V. , Matrosov N.I. , Dyakonov V. , Szymczak R. , Piętosz J. , Puźniak R. , Szymczak H. , Gajda D. , Zaleski A.	Effect of deformation and heat treatment combined with equal-channel multiple-angle pressing on superconductive properties of the NbTi alloy	vol. 36 (12), 1295-1299 (1045) (2010)	0,662	[4/10]
62	Fizika Tverdogo Tela (Physics of the Solid State)	Agekyan V.F. , Holtz P.O. , Karczewski G. , Moskalenko E.S. , Serov A.Y. , Filosofov N.G.	Effect of a magnetic field on energy transfer of band states to the Mn(2+) 3d Shell in the CdMgTe matrix with ultrathin CdMnTe layers	vol. 52, 27-31 (2010)	0,721	[1/6]
63	Fizika Tverdogo Tela (Physics of the Solid State)	Agekyan V.F. , Serov A.Y. , Stepanov A. , Filosofov N.G. , Karczewski G.	Temperature properties of exciton luminescence from CdTe quantum wells with different thicknesses in the CdTe/CdMnTe structure	vol. 52 (10), 2181-2185 (2010)	0,721	[1/5]
64	Fizika Tverdogo Tela (Physics of the Solid State)	Drokina T.V. , Petrakovskii G.A. , Bovina A.F. , Bayukov O.A. , Szymczak R. , Velikanov D.A. , Kartashev A.V. , Volkova A.L. , Ivanov D.A. , Stepanov G.N.	Properties of clinopyroxene LiFeGe ₂ O(6)	vol. 52 (11), 2405-2408 (2010)	0,721	[1/10]

65	Fizika Tverdogo Tela (Physics of the Solid State)	Koroleva L.I. , Zashchirinskii D.M. , Khapaeva T.M. , Gurskii L.I. , Kalanda N.A. , Trukhan V.M. , Szymczak R. , Krzymańska B.	Magnetic, electrical, magnetoelectrical, and magnetoelastic properties of La_{0.9}Sr_{0.1}MnO_{3-y} manganites	vol. 52 (1), 96-100 (2010)	0,721	[2/8]
66	Fizika Tverdogo Tela (Physics of the Solid State)	Vinogradov V.S. , Zavaritskaya T.N. , Karczewski G. , Kucherenko I.V. , Mel'nik N.N. , Zaleszczyk W.	Raman scattering and hot luminescence spectra of Zn(1-x)Mn(x)Te quantum wires	vol. 52, 1757-1762 (2010)	0,721	[2/6]
67	IEEE Transactions on Magnetics	Dusza A. , Wojtyniak M. , Nedelko N. , Ślawska-Waniewska A. , Greneche J.M. , Rodrigues C.A. , Burger C. , Stringari C. , Debrassi A.	Magnetic behavior of O-carboxymethylchitosan bounded with iron oxide particles	vol. 46 (2), 459-462 (2010)	1,061	[4/9, KK]
68	Journal of Alloys and Compounds	Iwanowski R. , Heinonen M.H. , Witkowska B.	X-ray photoelectron study of NiAs-type MnTe	vol. 491, 13-17 (2010)	2,135	[2/3]
69	Journal of Alloys and Compounds	Romcevic M. , Romcevic N. , Kłopotowski Ł. , Kostic R. , Dobrowolski W. , Kossut J. , Comor M.	Photoluminescence of highly doped Cd(1-x)Mn(x)S nanocrystals	vol. 497, 46-51 (2010)	2,135	[3/7]
70	Journal of Alloys and Compounds	Romcevic N. , Kostic R. , Hadzic B. , Romcevic M. , Kuryliszyn-Kudelska I. , Dobrowolski W. , Narkiewicz U. , Sibera D.	Raman scattering from ZnO incorporating Fe nanoparticles: Vibrational modes and low-frequency acoustic modes	vol. 507, 386-390 (2010)	2,135	[2/8]
71	Journal of Applied Crystallography	Lasocha W. , Gawęł B. , Rafalska-Lasocha A. , Pawłowski M. , Talik P. , Paszkowicz W.	Crystal structure study of selected xanthine derivatives	vol. 43, 163-167 (2010)	3,018	[1/6]
72	Journal of Applied Physics	Abramova G.M. , Pankrats A.I. , Petrakovskii G.A. , Rasch J. , Boehm M. , Vorotynov A.M. , Tugarinov V.I. , Szymczak R. , Bovina A.F. , Vasil'ev V.G.	Electron spin resonance in CuCrS₂ chrome-copper disulphides synthesized by different methods	vol. 107 (9), 093914 (2010)	2,072	[1/10]
73	Journal of Applied Physics	Bhalerao G. , Polian A. , Gauthier M. , Itie J. , Baudalet F. , Ganguli T. , Deb S. , Mazher J. , Pages O. , Firszt F. , Paszkowicz W.	High pressure x-ray diffraction and extended x-ray absorption fine structure studies on ternary alloy Zn_{1-x}BexSe	vol. 108, 083533 (2010)	2,072	[1/11]
74	Journal of Applied Physics	Borysiuk J. , Bożek R. , Grodecki K. , Wysmolek A. , Strupiński W. , Stępniewski R. , Baranowski J.M.	Transmission electron microscopy investigations of epitaxial graphene on C-terminated 4H-SiC	vol. 108 (1), 013518-1-6 (2010)	2,072	[1/7]
75	Journal of Applied Physics	Brik M.G. , Kamińska A. , Suchocki A.	Ab initio calculations of structural, electronic, optical, and elastic properties of pure and Yb-doped InP at varying pressure	vol. 108, 103520-1-7 (2010)	2,072	[2/3]
76	Journal of Applied Physics	Fita I.M. , Markovich V. , Wiśniewski A. , Mogilyansky D. , Puźniak R. , Iwanowski P. , Meshi L. , Titelman L. , Varyukhin V. , Gorodetsky G.	Size-dependent spin state and ferromagnetism in La_{0.8}Ca_{0.2}CoO₃ nanoparticles	vol. 108 (6), 063907 (2010)	2,072	[4/10]
77	Journal of Applied Physics	Ganguli T. , Mazher J. , Polian A. , Deb S. , Villain F. , Pages O. , Paszkowicz W. , Firszt F.	Lattice relaxation in the highly-contrasted Zn_{1-x}BexSe alloy: An extended x-ray absorption fine structure study	vol. 108, 083539 (2010)	2,072	[1/8]
78	Journal of Applied Physics	Grabecki G. , Kolwas K.A. , Wróbel J. , Kąpcia K. , Puźniak R. , Jakiela R. , Aleszkiewicz M. , Dietl T. , Springholz G. , Bauer G.	Contact superconductivity in In-Pb Te junctions	vol. 108, 053714 (2010)	2,072	[7/10]
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80	Journal of Applied Physics	Ksenofontov V. , Wójcik M. , Wurmehl S. , Schneider H. , Balke B. , Jakob G. , Felser C.	Hyperfine magnetic field on iron atoms and Co-Fe disordering in Co₂FeSi	vol. 107 (9), 09B106 (2010)	2,072	[1/7, KK]
81	Journal of Applied Physics	Luka G. , Stakhira P. , Cherpak V. , Volyniuk D. , Hotra Z. , Godlewski M. , Guziewicz E. , Witkowski B. , Paszkowicz W. , Kostruba A.	The properties of tris (8-hydroxyquinoline) aluminiumorganic light emitting diode with undoped zinc oxide anode layer	vol. 108, 064518 (2010)	2,072	[5/10]

82	Journal of Applied Physics	Markovich V. , Fita I.M. , Wiśniewski A. , Mogilyansky D. , Puźniak R. , Titelman L. , Gorodetsky G.	Size-driven magnetic transitions in La_{1/3}Ca_{2/3}MnO₃ nanoparticles	vol. 108 (6), 063918 (2010)	2,072	[2/7]
83	Journal of Applied Physics	Markovich V. , Więckowski J. , Gutowska M. , Szewczyk A. , Wiśniewski A. , Martin C. , Gorodetsky G.	Specific heat and magnetic order of La_{0.2}Ca_{0.8}MnO₃	vol. 107 (6), 063907 (2010)	2,072	[4/7]
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88	Journal of Chemical Physics	Fulara J. , Nagy A. , Garkusha I. , Maier J.P.	Higher energy electronic transitions of HC(2n+1)H(plus) (n=2-7) and HC(2n+1)H (n=4-7) in neon matrices	vol. 133, 024304-19 (2010)	3,093	[1/4]
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111	Journal of Nanoscience and Nanotechnology	Mosiniwicz-Szablewska E. , Safarikova M. , Safarik I.	Magnetic studies of ferrofluid-modified microbial cells	vol. 10 (4), 2531-2536 (2010)	1,435	[1/3, KK]
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118	Journal of Physical Chemistry A	Łapiński L. , Rostkowska-Kowalczyk H. , Reva I.D. , Fausto R. , Nowak M.J.	Positive Identification of UV-Generated, Non-Hydrogen-Bonded Isomers of o-Hydroxybenzaldehyde and o-Hydroxyacetophenone	vol. 114 (17), 5588-5595 (2010)	2,899	[3/5]
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124	Journal of Physics B (Atomic, Molecular and Optical Physics)	Grochola A. , Kowalczyk P. , Jastrzębski W.	Rydberg states of the Li₂ molecule studied by polarization labelling spectroscopy	vol. 43, 1-5 (2010)	1,91	[1/3]
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126	Journal of Physics D (Applied Physics)	Farag A.A. , Yahia I.S. , Wojtowicz T. , Karczewski G.	Influence of temperature and illumination on the electrical properties of p-ZnTe/n-CdTe heterojunction grown by molecular beam epitaxy	vol. 43, 215102-1-7 (2010)	2,083	[2/4]
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133	Journal of Polymer Science Part B- Polymer Physics	Gevorkian Z. , Li M.S. , Hu C.	Sample-to-sample fluctuations in heterogeneous DNA	vol. 48, 2432-2436 (2010)	1,586	[1/3]
134	Journal of Raman Spectroscopy	Runka T. , Diduszko R. , Berkowski M. , Kamiński M. , Łapiński A. , Połomska M. , Drozdowski M.	Characterization of tetragonal SAT(0.3):LA(0.075):CAT(0.625) perovskite crystal: spectroscopic and microscopic investigations	vol. 41 (9), 1030-1037 (2010)	3,147	[2/7]
135	Journal of Statistical Mechanics: Theory and Experiment	Badowski Ł. , Załuska-Kotur M. , Gortel Z.W.	Collective diffusion in a non-homogeneous interacting lattice gas	vol. 2010 (3), P03008-1-45 (2010)	2,67	[1/3]
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140	Journal of Vacuum Science and Technology B (Microelectronics and Nanometer Structure)	Novikov S.V. , Staddon C.R. , Foxon C.T. , Yu K.M. , Broesler R. , Hawkrigde M. , Liliental-Weber Z. , Walukiewicz W. , Denlinger J.D. , Demchenko I.	Molecular beam epitaxy of GaNAs alloys with high As content for potential photoanode applications in hydrogen production	vol. 28 (3), U32-U36 (2010)	1,46	[1/10]
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144	Microscopy and Microanalysis	Godlewski M. , Witkowski B. , Kowalski B. , Łukasiewicz M. , Jakiela R. , Guziewicz E.	SEM, EDS and CI investigations of ZnMnO and ZnCoO layers grown at low temperature by atomic layer deposition	vol. 16 (S2), 810-811 (2010)	3,035	[6/6; KK]
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154	Optical Materials	Godlewski M. , Wąsiałowski A. , Ivanov V.Y. , Wójcik-Głodowska A. (D. Wójcik Aleksandra) , Łukasiewicz M. , Guziewicz E. , Jakiela R. , Zakrzewski A.J. , Kopalko K. , Dumont Y.	Puzzling magneto-optical properties of ZnMnO films	vol. 32, 680-684 (2010)	1,728	[8/10]
155	Optics Communications	Rusek M. , Mostowski J.	Self-collimation of light in disordered left-handed metamaterials	vol. 283, 657-664 (2010)	1,316	[2/2]
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159	Optics Express	Khorsand A., Sobierajski R., Louis E., Bruijn S., Van Hattum E., Van de Kruijs R., Jurek M., Pelka J., Klinger D., Juha L., Burian T., Chalupsky J., Cihelka J., Hajkova V., Vysin L., Jastrow U., Stojanovic N., Toleikis S., Wabnitz H., T	Single shot damage mechanism of Mo/Si multilayer optics under intense pulsed XUV-exposure	vol. 18 (2), 700-712 (2010)	3,278	[4/28]
160	Optics Letters	Razdobreev I., Hamzaoui H.E., Ivanov V.Y., Kustov E., Capoen B., Bouazaoui M.	Optical spectroscopy of bismuth-doped pure silica fiber preform	vol. 35 (9), 1341-1343 (2010)	3,059	[1/6]
161	Optoelectronics and Advanced Materials-Rapid Communications	Romcevic N., Trajic J., Romcevic M., Stojanović D., Kuznetsova T.A., Khokhlov D.R., Dobrowolski W.	Optical and magnetic properties of PbTe(Co)	vol. 4 (4), 470-475 (2010)	0,451	[1/7]
162	Opto-Electronics Review	Kolwas K., Derkachova A.	Plasmonic abilities of gold and silver spherical nanoantennas in terms of size dependent multipolar resonance frequencies and plasmon damping rates	vol. 18 (4), 429-437 (2010)	1,168	[2/2]
163	Opto-Electronics Review	Shopa M., Kolwas K., Derkachova A., Derkachov G.	Dipole and quadrupole surface plasmon resonance contributions in formation of near-field images of a gold nanosphere	vol. 18 (4), 421-428 (2010)	1,168	[4/4]
164	Parkinsonism & Related Disorders	Wypijewska A., Gałazka-Friedman J., Bauminger E.R., Wszolek Z.K., Schweitzer K.J., Dickson D.W., Jaklewicz A., Elbaum D., Friedman A.	Iron and reactive oxygen species activity in parkinsonian substantia nigra	vol. 16 (5), 329-333 (2010)	2,406	[1/9]
165	Physica B	Borowiec M., Zayarnyuk T., Pujol M.C., Aguiló M., Díaz F., Zubov E., Prokhorov A.D., Berkowski M., Wiśniewski A., Puźniak R., Piętosa J., Dyakonov V., Barański M., Szymczak H.	Magnetic properties of KRE(WO ₄) ₂ (RE=Gd,Yb,Tm) single crystals	vol. 405, 4886-4891 (2010)	1,056	[12/15]
166	Physica B	Drozdowski W., Wojtowicz A.J., Kaczmarek S.M., Berkowski M.	Scintillation yield of Bi ₄ Ge ₃ O ₁₂ (BGO) pixel crystals	vol. 405, 1647-1651 (2010)	1,056	[1/4]
167	Physica C	Bukowski Z., Weyeneth S., Puźniak R., Karpiński J., Batlogg B.	Bulk superconductivity at 2.6 K in undoped RbFe ₂ As ₂	vol. 470, S328-S329 (2010)	0,723	[1/5, KK]
168	Physica C	Kortyka A., Puźniak R., Wiśniewski A., Weber H.W., Tang C.Y., Yao X., Conder K.	Irreversibility line and anisotropy of SmBa ₂ Cu ₃ O _{7-δ} with varying oxygen content	vol. 470, S217-S218 (2010)	0,723	[3/7, KK]
169	Physica C	Mucha J., Rogacki K., Misiorek H., Jeżowski A., Wiśniewski A., Puźniak R.	Influence of the Y ₂ 11 phase on anisotropic transport properties and vortex dynamics of the melt-textured Y ₁₂₃ /Y ₂₁₁ composites	vol. 470, S1009-S1010 (2010)	0,723	[2/6, KK]
170	Physica E	Bukała M., Galicka M., Buczek R., Kacman P.	Stability of III-V and IV-VI nanowires - A theoretical study	vol. 42 (4), 795-798 (2010)	1,177	[4/4, KK]
171	Physica E	Goryca M., Kazimierzczuk T., Nawrocki M., Golnik A., Gaj J.A., Wojnar P., Karczewski G., Kossacki P.	Optical manipulation of a single Mn spin in a CdTe quantum dot	vol. 42 (10), 2690-2693 (2010)	1,177	[2/8, KK]
172	Physica E	Schlapps M., Geissler S., Lermer T., Sadowski J., Wegscheider W., Weiss D.	Coulomb blockade transport across lateral (Ga,Mn)As nanoconstrictions	vol. 42 (10), 2676-2680 (2010)	1,177	[1/6, KK]
173	Physica E	Simserides C., Lipińska A., Trohidou K., Dietl T.	Reducing influence of antiferromagnetic interactions on ferromagnetic properties of p-(Cd,Mn)Te quantum wells	vol. 42 (10), 2694-2697 (2010)	1,177	[2/4, KK]

174	Physica Status Solidi - Rapid Research Letters	Kryśko M. , Domagała J.Z. , Czernecki R. , Leszczynski M. , Perlin P. , Suski T. , Grzanka S. , Targowski G. , Grzegory I. , Boćkowski M. , Porowski S.	Tilt of InGaN layers on miscut GaN substrates	vol. 4 (7), 142-144 (2010)	2,56	[1/11]
175	Physica Status Solidi A - Applied Research	Gorczyca I. , Suski T. , Kamińska A. , Staszczak G. , Schenk H. , Christensen N.E. , Svane A.	In-clustering effects in InAlN and InGaN revealed by high pressure studies	vol. 207 (6), 1369-1371 (2010)	1,228	[1/7]
176	Physica Status Solidi A - Applied Research	Kret S. , Ivaldi F. , Sobczak K. , Czernecki R. , Leszczynski M.	Inhomogeneities of InGaN/GaN MOVPE multi quantum wellsw grown with a two temperatures process studied by transmission electron microscopy	vol. 207 (5), 1101-1104 (2010)	1,228	[3/5]
177	Physica Status Solidi A - Applied Research	Łuka G. , Krajewski T. , Wachnicki Ł. , Witkowski B. , Łusakowska E. , Paszkowicz W. , Guziewicz E. , Godlewski M.	Transparent and conductive undoped zinc oxide thin films grown by atomic layer deposition	vol. 207 (7), 1568-1571 (2010)	1,228	[7/8, KK]
178	Physica Status Solidi B - Basic Solid State Physics	Azamat D. , Debus J. , Yakovlev D.R. , Ivanov V.Y. , Godlewski M. , Fanciulli M. , Bayer M.	Photo-EPR and magneto-optical spectroscopy of the iron centres in ZnO	vol. 247 (6), 1517-1520 (2010)	1,15	[2/7, KK]
179	Physica Status Solidi B - Basic Solid State Physics	Chen Y.S. , Wiater M. , Karczewski G. , Wojtowicz T. , Bacher G.	Sub-ns electrical control of spin polarization in a semiconductor by microscale current loops	vol. 247 (6), 1505-1507 (2010)	1,15	[3/5, KK]
180	Physica Status Solidi B - Basic Solid State Physics	Davies J.J. , Smith L.C. , Wolverson D. , Kochereshko V.P. , Cibert J. , Mariette H. , Boukari H. , Wiater M. , Karczewski G. , Wojtowicz T. , Gust A. , Kruse C. , Hommel D.	Excitons in motion in II-VI semiconductors	vol. 247 (6), 1521-1527 (2010)	1,15	[3/13, KK]
181	Physica Status Solidi B - Basic Solid State Physics	Geurts J. , Schumm M. , Koedel M. , Zierys C. , Muller S. , Ronning C. , Dynowska E. , Gołacki Z. , Szuskiewicz W.	Annealing effects and generation of secondary phases in ZnO after high-dose transition metal implantation	vol. 247 (6), 1469-1471 (2010)	1,15	[3/9, KK]
182	Physica Status Solidi B - Basic Solid State Physics	Godlewski M. , Zakrzewski A.J.	Preface	vol. 247 (7), 1609-1610 (2010)	1,15	[2/2]
183	Physica Status Solidi B - Basic Solid State Physics	Guziewicz E. , Godlewski M. , Krajewski T. , Wachnicki Ł. , Łuka G. , Domagała J.Z. , Paszkowicz W. , Kowalski B. , Witkowski B. , Dużyńska A. , Suchocki A.	Zinc oxide grown by atomic layer deposition - a material for novel 3D electronics	vol. 247 (7), 1611-1615 (2010)	1,15	[10/11, KK]
184	Physica Status Solidi B - Basic Solid State Physics	Kazimierczuk T. , Golnik A. , Wojnar P. , Gaj J.A. , Kossacki P.	Clustering in a self-assembled CdTe/ZnTe quantum dot plane revealed by inter-dot coupling	vol. 247 (6), 1409-1412 (2010)	1,15	[1/5, KK]
185	Physica Status Solidi B - Basic Solid State Physics	Kochereshko V.P. , Besombes L. , Mariette H. , Wojtowicz T. , Karczewski G. , Kossut J.	Spin properties of trions in a dense 2DEG	vol. 247 (6), 1531-1534 (2010)	1,15	[3/6, KK]
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188	Physica Status Solidi B - Basic Solid State Physics	Skupiński P. , Grasza K. , Mycielski A. , Paszkowicz W. , Łusakowska E. , Tymicki E. , Jakiela R. , Witkowski B.	Seeded growth of bulk ZnO by chemical vapor transport	vol. 247 (6), 1457-1459 (2010)	1,15	[7/8, KK]

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190	Physical Biology	Faisca P.F. , Travasso R.D. , Charters T. , Nunes A. , Cieplak M.	The folding of knotted proteins: insights from lattice simulations	vol. 7 (1), 016009-1-12 (2010)	3,086	[1/5]
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195	Physical Chemistry Chemical Physics	Łapiński L. , Nowak M.J. , Reva I.D. , Rostkowska-Kowalczyk H. , Fausto R.	NIR-laser-induced selective rotamerization of hydroxy conformers	vol. 12, 9615-9618 (2010)	4,116	[3/5]
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198	Physical Review A (Atomic, Molecular and Optical Physics)	Białynicki-Birula I. , Białynicka-Birula Z.	Simple model of self-supported deformed states of isolated atoms	vol. 81, 012121 (2010)	2,866	[1/2]
199	Physical Review A (Atomic, Molecular and Optical Physics)	Karpiuk T. , Brewczyk M. , Gajda M. , Rzążewski K.	Constructing a classical field for Bose-Einstein condensate in an arbitrary trapping potential: Quadrupole oscillations at nonzero temperatures	vol. 81, 013629-1-9 (2010)	2,866	[1/4]
200	Physical Review A (Atomic, Molecular and Optical Physics)	Matuszewski M.	Engineering optical soliton bistability in colloidal media	vol. 81 (1), 013820-1-5 (2010)	2,866	[1/1 b. af.]
201	Physical Review A (Atomic, Molecular and Optical Physics)	Matuszewski M.	Ground states of trapped spin-1 condensates in magnetic field	vol. 82 (5), 053630-1-8 (2010)	2,866	[1/1]
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203	Physical Review A (Atomic, Molecular and Optical Physics)	Sowiński T. , Brewczyk M. , Gajda M. , Rzążewski K.	Dynamics and decoherence of two cold bosons in a one-dimensional harmonic trap	vol. 82 (5), 053631 1-7 (2010)	2,866	[2/4]
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212	Physical Review B (Condensed Matter)	Gomez D. , Perez F. , Hankiewicz E. , Jusserand B. , Karczewski G. , Wojtowicz T.	Intrinsic damping of spin waves by spin current in conducting two- dimensional systems	vol. 81, 100403-1- 4 (2010)	3,475	[2/6]
213	Physical Review B (Condensed Matter)	Gorczyca I. , Kamińska A. , Staszczak G. , Czarnecki R. , Łepkowski S. , Suski T. , Schenk H. , Glauser M. , Butte R. , Carlin J. , Feltn E. , Grandjean N. , Christensen N.E. , Svane A.	Anomalous composition dependence of the band gap pressure coefficients in In- containing nitride semiconductors	vol. 81, 235206 (2010)	3,475	[1/14]
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217	Physical Review B (Condensed Matter)	Kamińska A. , Kozancki A. , Trushkin S. , Suchocki A.	Spectroscopy of ytterbium-doped InP under high hydrostatic pressure	vol. 81 (16), 165209-1-7 (2010)	3,475	[4/4]
218	Physical Review B (Condensed Matter)	Kazimierzczuk T. , Goryca M. , Koperski M. , Golnik A. , Gaj J.A. , Nawrocki M. , Wojnar P. , Kossacki P.	Picosecond charge variation of quantum dots under pulsed excitation	vol. 81, 155313-19 (2010)	3,475	[1/8]

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220	Physical Review B (Condensed Matter)	Kortyka A. , Puźniak R. , Wiśniewski A. , Zehetmayer M. , Weber H.W. , Tang C.Y. , Yao X. , Conder K.	Evidence for a temperature dependent anisotropy of the superconducting state parameters in underdoped SmBa2Cu3Ox	vol. 82 (5), 054510 (2010)	3,475	[3/8]
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222	Physical Review B (Condensed Matter)	Laukkanen P. , Punkkinen M.P. , Rasanen N. , Ahola-Tuomi M. , Kuzmin M. , Lang J. , Sadowski J. , Adell J. , Perala R.E. , Ropo M. , Kokko K. , Vitos L. , Johansson B. , Pessa M. , Vayrynen I.J.	Bismuth-stabilized c(2x6) reconstruction on a InSb(100) substrate: Violation of the electron counting model	vol. 81, 035310 (2010)	3,475	[1/15]
223	Physical Review B (Condensed Matter)	Lebecki K.M. , Donahue M.J.	Comment on "Frustrated magnetization in Co nanowires: Competition between crystal anisotropy and demagnetization energy"	vol. 82 (9), 096401-1-4 (2010)	3,475	[1/2]
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227	Physical Review B (Condensed Matter)	Markovich V. , Fita I.M. , Wiśniewski A. , Mogilyansky D. , Puźniak R. , Titelman L. , Martin C. , Gorodetsky G.	Size effect on the magnetic properties of antiferromagnetic La0.2Ca0.8MnO3 nanoparticles	vol. 81 (9), 094428 (2010)	3,475	[3/8]
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229	Physical Review B (Condensed Matter)	Nishitani Y. , Chiba D. , Endo M. , Sawicki M. , Matsukura F. , Dietl T. , Ohno H.	Curie temperature versus hole concentration in field-effect structures of Ga1-xMnxAs	vol. 81, 045208 (2010)	3,475	[2/7]
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232	Physical Review B (Condensed Matter)	Polit J.J. , Sheregii E.M. , Cebulski J. , Kisiel A. , Robouch B.V. , Marcelli A. , Mycielski A.	Additional and canonical phonon modes in Hg(1-x)Cd(x)Te (0.06<x<0.7)	vol. 82, 014306 (2010)	3,475	[1/7]
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236	Physical Review B (Condensed Matter)	Teran F.J. , Potemski M. , Maude D.K. , Andrearczyk T. , Jaroszyński J. , Wojtowicz T. , Karczewski G.	Quantum Hall states under conditions of vanishing Zeeman energy	vol. 82 (24), 245120 (2010)	3,475	[4/7]
237	Physical Review B (Condensed Matter)	Wang W. , Liu E. , Kodzuka M. , Sukegawa H. , Wójcik M. , Jędryka E. , Wu G. , Inomata K. , Mitani S. , Hono K.	Coherent tunneling and giant tunneling magnetoresistance in Co ₂ FeAl/MgO/CoFe magnetic tunneling junctions	vol. 81 (14), 140402 (2010)	3,475	[2/10]
238	Physical Review B (Condensed Matter)	Werpachowska A.M. , Dieltl T.	Effect of inversion asymmetry on the intrinsic anomalous Hall effect in ferromagnetic (Ga,Mn)As	vol. 81, 155205 (2010)	3,475	[2/2]
239	Physical Review B (Condensed Matter)	Werpachowska A.M. , Dieltl T.	Theory of spin waves in ferromagnetic (Ga,Mn)As	vol. 82, 085204 (2010)	3,475	[2/2]
240	Physical Review B (Condensed Matter)	Wróbel J. , Zagrajek P. , Czapkiewicz M. , Bek M. , Sztenkiel D. , Fronc K. , Hey R. , Ploog K. , Bułka B.R.	Quantum effects in linear and nonlinear transport of T-shaped ballistic junction patterned from GaAs/Al(x)Ga(1-x)As heterostructures	vol. 81 (23), 233306-1-4 (2010)	3,475	[5/9]
241	Physical Review B (Condensed Matter)	Zhigadlo N.D. , Katrych S. , Karpiński J. , Batlogg B. , Bernardini F. , Massidda S. , Puźniak R.	Influence of Mg deficiency on crystal structure and superconducting properties in MgB ₂ single crystals	vol. 81 (5), 054520 (2010)	3,475	[1/7]
242	Physical Review B (Condensed Matter)	Zhigadlo N.D. , Katrych S. , Weyeneth S. , Puźniak R. , Moll P. , Bukowski Z. , Karpiński J. , Keller H. , Batlogg B.	Th-substituted SmFeAsO: Structural details and superconductivity with T-c above 50 K	vol. 82 (6), 064517 (2010)	3,475	[1/9]
243	Physical Review B (Condensed Matter)	Zhu L.Y. , Cieplak M.Z. , Chien C.L.	Tunable phase diagram and vortex pinning in a superconductor-ferromagnet bilayer	vol. 82, 060503-1- 4 (2010)	3,475	[1/3]
244	Physical Review B (Condensed Matter)	Zhukov E.A. , Yakovlev D.R. , Glazov M.M. , Fokina L. , Karczewski G. , Wojtowicz T. , Kossut J. , Bayer M.	Optical control of electron spin coherence in CdTe/(Cd,Mg)Te quantum wells	vol. 81, 235320-1- 14 (2010)	3,475	[3/8]
245	Physical Review C	Mianowski S. , Werner-Malento E. , Korgul A. , Pomorski M. , Pachucki K. , Pfutzner M. , Szweyryn B. , Żylicz J. , Hornshoj P. , Nilsson T. , Rykaczewski K.	Radiative electron capture in the first-forbidden unique decay of ⁸¹ Kr	vol. 82, 044308 (2010)	3,477	[1/11, b. af.]
246	Physical Review C	Naqvi F. , Górska M. , Caceres L. , Jungclaus A. , Pfutzner M. , Grawe H. , Nowacki F. , Sieja K. , Pietri S. , Werner-Malento E. , Regan P. , Rudolf R. , Podolyak Z. , Jolie J. , Andgren K. , Beck R. , Bednarczyk P. , Benlliure J. , Benzoni G. , Bruce A	Isomer spectroscopy of ¹²⁷ Cd	vol. 82, 034323 (2010)	3,477	[1/53, b. af.]
247	Physical Review D	Rusin T. , Zawadzki W.	Zitterbewegung of relativistic electrons in a magnetic field and its simulation by trapped ions	vol. 82 (12), 125031 (2010)	4,922	[1/2]
248	Physical Review E (Statistical Physics, Plasmas, Fluids, and Related Interdisciplinary Topics)	Ławniczak M. , Bauch S. , Hul O. , Sirko L.	Experimental investigation of the enhancement factor for microwave irregular networks with preserved and broken time reversal symmetry in the presence of absorption	vol. 81, 046204-1- 5 (2010)	2,4	[4/4]
249	Physical Review Letters	Chiba D. , Werpachowska A.M. , Endo M. , Nishitani Y. , Matsukura F. , Dieltl T. , Ohno H.	Anomalous Hall effect in field-effect structures of (Ga,Mn)As	vol. 104, 106601 (2010)	7,328	[2/7]

250	Physical Review Letters	Dziarmaga J. , Deuar P. , Sacha K.	Comment on "Quantum Entangled Dark Solitons Formed by Ultracold Atoms in Optical Lattices"	vol. 105, 018903-1 (2010)	7,328	[1/3]
251	Physical Review Letters	Jaskula J.C. , Bonneau M. , Partridge G.B. , Krachmalnicoff V. , Deuar P. , Kheruntsyan K.V. , Aspect A. , Boiron D. , Wesbrook C.I.	Sub-Poissonian Number Differences in Four-Wave Mixing of Matter Waves	vol. 105, 190402-14 (2010)	7,328	[1/9]
252	Physical Review Letters	Krachmalnicoff V. , Jaskula J.C. , Bonneau M. , Leung V. , Partridge G.B. , Boiron D. , Wesbrook C.I. , Deuar P. , Zif P. , Trippenbach M. , Kheruntsyan K.V.	Spontaneous Four-Wave Mixing of de Broglie Waves: Beyond Optics	vol. 104, 150402-14 (2010)	7,328	[1/11]
253	Physical Review Letters	Li M.S. , Co N.T. , Reddy G. , Hu C. , Straub J.E. , Thirumalai D.	Factors governing fibrillogenesis of polypeptide chains revealed by lattice models	vol. 105, 218101-14 (2010)	7,328	[1/6]
254	Physical Review Letters	Matuszewski M.	Rotonlike Instability and Pattern Formation in Spinor Bose-Einstein Condensates	vol. 105, 020405-14 (2010)	7,328	[1/1]
255	Physical Review Letters	Vinko S. , Zastrau U. , Mazevet S. , Andreasson J. , Bajt S. , Burian A. , Chalupsky J. , Chapman H. , Cihelka J. , Doria D. , Doppner T. , Dusterer S. , Dzelzainis T. , Faustlin R. , Fortman S. , Forster E. , Galtier E. , Glenzer S. , Gode S. , Gregori G	Electronic structure of an XUV photogenerated solid-density aluminum plasma	vol. 104, 225001 (2010)	7,328	[2/49]
256	Physical Review Letters	Witzel W. , Carroll M. , Morello A. , Cywiński Ł. , Das Sarma S.	Electron spin decoherence in isotope-enriched silicon	vol. 105 (18), 187602-1-4 (2010)	7,328	[1/5]
257	Physics Letters A	Zawadzki W. , Rusin T.	Nature of electron Zitterbewegung in crystalline solids	vol. 374, 3533-3537 (2010)	2,009	[1/2]
258	Physics Letters B	Ilie G. , Neyens G. , Simpson G. , Jolie J. , Blazhev A. , Grawe H. , Lozeva R. , Vermeulen N. , Atanasova L. , Balabanski D. , Becker F. , Bednarczyk P. , Brandau C. , Caceres L. , Chamoli S. , Daugas J. , Doornenbal P. , Gerl J. , Górka M. , Grębosz J	g Factor of the 7- isomer in 126 Sn and first observation of spin-alignment in relativistic fission	vol. 687, 305-309 (2010)	5,083	[1/39, b.af]
259	Physics Reports - Review Section of Physics Letters	Kumar S. , Li M.S.	Biomolecules under mechanical force	vol. 486 (1-2), 1-74 (2010)	17,752	[1/2]
260	Powder Diffraction	Paszkwicz W. , Piętosa J. , Woodley S. , Dłużewski P. , Kozłowski M. , Martin C.	Lattice parameters and orthorhombic distortion of CaMnO3	vol. 25, 46-59 (2010)	0,512	[4/6]
261	Proteins (Structure Function and Bioinformatics)	Chen H. , Hsu J. , Viet M. , Li M.S. , Hu C. , Liu C. , Luh F. , Chen S. , Chang E. , Wang A. , Hsu M. , Fann W. , Chen R.	Studying submicrosecond protein folding kinetics using a photolabile caging strategy and time-resolved photoacoustic calorimetry	vol. 78, 2973-2983 (2010)	3,085	[2/13]
262	Radiation Measurements	Misiuk A. , Bąk-Misiuk J. , Jung W. , Felba J. , Wierchowski W. , Wieteska K. , Pruszczyk M.	Revealing the defects in electron-irradiated Czochralski silicon	vol. 45, 624-627 (2010)	0,973	[1/7]
263	Radiation Measurements	Zhydachevskii Y. , Suchocki A. , Berkowski M. , Bilski P. , Warchoń S.	Characterization of YAIO3:Mn(2+) thermoluminescent detectors	vol. 45 (3-6), 516-518 (2010)	0,973	[2/5, KK]
264	Reviews on Advanced Materials Science	Typek J. , Żolnierkiewicz G. , Guskos N. , Szymczak R. , Błońska-Tabero A.	Magnetic and EPR study of Zn3Fe4V6O24	vol. 23 (2), 14-34 (2010)	0,558	[1/5]
265	Russian Journal of Plant Physiology	Dymova O.V. , Grzyb J. , Golovko T.K. , Strzałka K.	Characterization of Pigment Apparatus in Winter-Green and Summer-Green Leaves of a Shade-Tolerant Plant Ajuga reptans	vol. 57 (6), 755-763 (2010)	0,5	[1/4]
266	Semiconductor Science and Technology	Yahia I.S. , Sakr G.B. , Wojtowicz T. , Karczewski G.	p-ZnTe/n-CdMnTe/n-GaAs diluted magnetic diode for photovoltaic applications	vol. 25, 095001-1-8 (2010)	1,253	[2/4]

267	Solid State Sciences	Saddeek Y.B. , Yahia I.S. , Aly K.A. , Dobrowolski W.	Spectroscopic, mechanical and magnetic characterization of some bismuth borate glasses containing gadolinium ions	vol. 12, 1426-1434 (2010)	1,675	[1/4]
268	Superconductor Science and Technology	Kortyka A. , Puźniak R. , Wiśniewski A. , Zehetmayer M. , Weber H.W. , Cai Y.Q. , Yao X.	Anisotropy of the superconducting state parameters and intrinsic pinning in low-level Pr-doped YBa₂Cu₃O_{7-δ} single crystals	vol. 223 (6), 065001 (2010)	2,694	[3/7]
269	Surface Science	Ulfat I. , Adell J. , Sadowski J. , Ilver L. , Kanski J.	As3d core level studies of (GaMn)As annealed under As capping	vol. 604, 125-128 (2010)	1,798	[1/5]
270	Surface Science	Ulfat I. , Adell J. , Sadowski J. , Ilver L. , Kanski J.	Reply to Comment on "As 3d core level studies of (gaMn)As annealed under As capping" by I. Ulfat, J. Adell, J. Sadowski, L. Ilver, J. Kanski, [Surface Science 604 (2010), 125] by P. Jiricek, M. Cukr, I. Bartos	vol. 604, 2065 (2010)	1,798	[1/5]
271	Theoretical Chemistry Accounts	Halasz G. , Sobolewski A.L. , Vibok A.	Radiationless decay of excited states of tetrahydrocannabinol through the S₁-S₀ (conical) intersection	vol. 125, 503-509 (2010)	2,584	[1/3]
272	Thin Solid Films	Koskelo O. , Raisanen J. , Tuomisto F. , Eversheim D. , Graszka K. , Mycielski A.	Diffusion of cobalt in ion-implanted ZnO	vol. 518 (14), 3894-3897 (2010)	1,727	[2/6]
273	Thin Solid Films	Stakhira P. , Cherpak V. , Volyniuk D. , Hotra Z. , Ivastchyshyn F.O. , Tataryn V. , Łuka G.	Characteristic of organic light emitting diodes with copper iodide as injection layer	vol. 518, 7016-7018 (2010)	1,727	[1/7]
274	Thin Solid Films	Wachnicki Ł. , Łuka G. , Krajewski T. , Witkowski B. , Kowalski B. , Kopalko K. , Domagała J.Z. , Guziewicz E. , Guziewicz M. , Godlewski M.	Monocrystalline zinc oxide films grown by atomic layer deposition	vol. 518 (16), 4556-4559 (2010)	1,727	[9/10, KK]
275	Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki (Journal of Experimental and Theoretical Physics)	Trukhanov S.V. , Trukhanov A.V. , Vasiliev A.N. , Szymczak H.	Frustrated exchange interactions formation at low temperatures and high hydrostatic pressures in La_{0.70}Sr_{0.30}MnO_{2.85}	vol. 111 (2), 209-214 (2010)	0,871	[1/4]

Publikacje opublikowane w czasopismach z Master Journal List

Nr	Czasopismo	Autorzy publikacji	Tytuł publikacji	vol., pp, rok	Uwagi
1	High Energy Density Physics	Dzelzainis T. , Chalupsky J. , Fajardo M. , Faustlin R. , Heimann P. , Hajkova V. , Juha L. , Jurek M. , Khattak F. , Kozlova M. , Krzywiński J. , Lee R. , Nagler B. , Nelson A. , Rosmej F. , Sobierajski R. , Toleikis S. , Tschentscher T. , Vinko S. , War	Plasma emission spectroscopy of solids irradiated by intense XUV pulses from a free electron laser	vol. 6, 109-112 (2010)	[2/22]
2	Journal of Physical Chemistry Letters	Acharya K. , Neupane B. , Reppert M. , Feng X. , Jankowiak R.	On the Unusual Temperature-Dependent Emission of the CP47 Antenna Protein Complex of Photosystem II	vol. 1, 2310-2315 (2010)	[1/5]

3	Przegląd Elektrotechniczny	Misiuk A. , Jung W. , Prujarczyk M. , Bąk-Misiuk J. , Felba J.	Ujawnienie historii radiacyjnej napromieniowanego elektronami krzemu otrzymanego metodą Czochralskiego poprzez poradiacyjną obróbkę termiczną	vol. 7/2010, 29-31 (2010)	[1/5]
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Publikacje opublikowane w innych czasopismach

Nr	Czasopismo	Autorzy publikacji	Tytuł publikacji	vol., pp, rok	Uwagi
1	AMR	Dobrzański L. , Wydrzyńska A. , Iesenchuk O. , Żuberek R.	Magnetostrictive properties of epoxy-bonded Tb_{0,3}Dy_{0,7}Fe_{1,9} composites	vol. 89-91, 633-638 (2010)	[2/4, KK]
2	Adv. Cond. Mat. Phys.	Gabovich A.M. , Voitenko A.I. , Ekino T. , Li M.S. , Szymczak H. , Pękała M.	Competition of superconductivity and Charge Density Waves in Cuprates: Recent evidence and interpretation	vol. 2010, 681070-1-40 (2010)	[2/6]
3	Annu. Rep. LNCMI	Antunes A.B. , Kilański Ł. , Dobrowolski W. , Slynko V.E. , Slynko E.I.	Anomalous Hall effect in (Ge,Mn)Te-(Sn,Mn)TE spin glasslike crystals	vol. 2009, 80 (2010)	[2/5]
4	Annu. Rep. LNCMI	Maude D.K. , Kilański Ł. , Dobrowolski W. , Varnavskiy S. , Marenkin S.F.	Magnetotransport in a disordered Zn(1-x)Mn(x)As(2) alloy	vol. 2009, 79 (2010)	[2/5]
5	CMST	Kolwas M.	Scattering of light on droplets and spherical objects	vol. 2 (SI), (1-7) (2010)	[1/1, KK]
6	CMST	Kowalski K. , Cao Long V. , Dinh Xuan K. , Głódź M. , Nguyen H. , Szonert J.	Electromagnetically induced transparency in cold rubidium atoms	vol. 2 (SI), 131-145 (2010)	[3/6, KK]
7	CMST	Kowalski K. , Cao Long V. , Dinh Xuan K. , Głódź M. , Nguyen H. , Szonert J.	Magneto-Optical Trap: fundamentals and realization	vol. 2 (SI), 115-129 (2010)	[3/6, KK]
8	CTB	Godlewski M. , Ivanov V.Y.	Technique of optically detected magnetic and cyclotron resonances - basics and applications	vol. 33 (SA), 69-71 (2010)	[2/2, KK]
9	CTB	Wilamowski Z. , Wołoś A. , Przybylińska H.	Electron spin resonance in semiconductors	vol. 33 (SA), 257-262 (2010)	[3/3, KK]
10	Defect Diffus. Forum	Barcz A.	Silicon dioxide as a boundary for oxygen outdiffusion from CZ-Si	vol. 297-301, 688-693 (2010)	[1/1]
11	ECS Transactions	Godlewski M.	Doped Nanoparticles For Optoelectronics Applications	vol. 28 (3), 223-228 (2010)	[1/1, KK]
12	Elektronika	Grasza K. , Tymicki E. , Orzyłowski M.	Badania walidacyjne stanowiska do monokryształizacji SiC	vol. 7, 193 (2010)	[1/3]
13	Hasylab Annual Rep.	Bąk-Misiuk J. , Dynowska E. , Romanowski P. , Domagała J.Z. , Sadowski J. , Caliebe W.	Formation of ferromagnetic MnSb inclusions in high temperature grown GaMnSb layers	vol. 2009, 2009-419 (2010)	[5/6]
14	Hasylab Annual Rep.	Dynowska E. , Szuszkiewicz W. , Zierys C. , Geurts J. , Muller S. , Ronning C. , Domagała J.Z. , Minikayev R. , Romanowski P. , Caliebe W.	Structural studies of heavily transition metal implanted ZnO	vol. 2009, 2009-667 (2010)	[5/10]
15	Hasylab Annual Rep.	Klepka M. , Ławniczak-Jabłońska K. , Wolska A. , Filipek S. , Sato R.	Local atomic structure investigation in novel Laves phase hydrides	vol. 2009, 2009-654 (2010)	[3/5]
16	Hasylab Annual Rep.	Minikayev R. , Dynowska E. , Dziawa P. , Kamińska E. , Szczerbakow A. , Trots D. , Szuszkiewicz W.	Temperature-dependent evolution of Pb_{1-x}Cd_xTe solid solution structure	vol. 2009, 2009-824 (2010)	[6/7]

17	Hasylab Annual Rep.	Minikayev R. , Paszkowicz W. , Werner-Malento E. , Dąbkowska H. , Lathe C.	Zircon-type DyVO4 and TmVO4 under high pressure	vol. 2009, 2009-887 (2010)	[3/5]
18	Hasylab Annual Rep.	Nietubyć R. , Caliebe W. , Dynowska E. , Nowakowska-Langier K. , Pelka J. , Romanowski P. , Kaszkur Z.	Growth of arc deposited Nb films on a sapphire (001) substrate	vol. 2009, 2009-814 (2010)	[3/7]
19	Hasylab Annual Rep.	Pelka J. , Klinger D. , Minikayev R. , Nowakowska-Langier K. , Dynowska E. , Jurek M. , Sobierajski R. , Elbaum D. , Baranowska-Korczyk A. , Fronc K. , Romanowski P. , Wachulak P. , Caliebe W.	Structural studies of nanofibers composed of ZnO nanoclusters produced by electrospinning	vol. 2009, 2009-619 (2010)	[10/13]
20	Hasylab Annual Rep.	Pietrzyk M. , Gas K. , Szczerbakow A. , Szuszkiewicz W. , Dziawa P. , Orłowski B. , Kowalski B. , Johnson R.L.	UPS studies of Pb(1-x)Cd(x)Te solid solutions	vol. 2009, 2009-729-730 (2010)	[7/8]
21	Hasylab Annual Rep.	Rosmej F. , Galtier E. , Riley D. , Dzelzainis T. , Khattak F. , Heimann P. , Lee R. , Nelson A. , Vinko S. , Whitcher T. , Nagler B. , Wark J. , Tschentscher T. , Toleikis S. , Faustlin R. , Sobierajski R. , Jurek M. , Juha L. , Chalupsky J. , Hajkova V.	Identification of Auger electron heating via XUV emission of hollow ions induced by irradiating solids with FLASH at intensities up to 1016 W/cm2	vol. 2009, 2009-766 (2010)	[1/22]
22	Hasylab Annual Rep.	Sokolowski-Tinten K. , Shymanovich U. , Stojanovic N. , Sobierajski R. , Lu W. , El Kharrazi M. , Vattilana M. , Quirin F. , Brazda T. , Redlin H. , Dusterer S.	XUV-induced ablation studied by time-resolved microscopy and imaging interferometry	vol. 2009, 2009-636 (2010)	[1/11]
23	Hasylab Annual Rep.	Werner-Malento E. , Minikayev R. , Paszkowicz W. , Dąbkowska H. , Lathe C.	High-pressure diffraction study of selected synthetic garnets	vol. 2009, 2009-888 (2010)	[3/5]
24	Hasylab Annual Rep.	Wolska A. , Ławniczak-Jabłońska K. , Klepka M. , Hallen A. , Arvanitis D.	EXAFS at the Mn K-edge of the GaSb crystals implanted with low energy Mn ions	vol. 2009, 2009-518 (2010)	[3/5]
25	Hasylab Annual Rep.	Wolska A. , Ławniczak-Jabłońska K. , Klepka M. , Hallen A. , Arvanitis D.	XANES at the Mn K-edge of the GaSb crystals implanted with low energy Mn ions	vol. 2009, 2009-517 (2010)	[3/5]
26	Hasylab Annual Rep.	Zargham A. , Laurus T. , Piskorska-Hommel E. , Schmidt T. , Flege J. , Rohe S. , Baumer M. , Falta J.	XAFS study of local atomic structure of Pt containing bimetallic nanoparticles	vol. 2009, 2009-778 (2010)	[1/8]
27	Izv. RAN, ser. Fizicheskaya	Koroleva L.I. , Zashchirinskii D.M. , Khapaeva T.M. , Marenkin S.F. , Fedorchenko I.V. , Varnavskiy S. , Szymczak R. , Krzymańska B.	Legirovannyye margancem khalkopirity CdGeAs2, ZnGeAs2 i ZnSiAs2 - novyye materialy spintroniki	vol. 74, 1409-1412 (2010)	[2/8]
28	J. Phys.: Conf. Series	Kłopotowski Ł. , Goryca M. , Kossacki P. , Krebs O. , Wojnar P. , Wojtowicz T. , Karczewski G.	Charge storage in self-assembled CdTe quantum dots	vol. 210, 012007-14 (2010)	[4/8, KK]
29	J. Phys.: Conf. Series	Kochereshko V.P. , Besombes L. , Mariette H. , Wojtowicz T. , Karczewski G. , Kossut J.	Spin properties of trions in a dense 2 DEG	vol. 210, 012044-15 (2010)	[3/6, KK]
30	J. Phys.: Conf. Series	Kowalik I.A. , Ohrwall G. , Jensen B. , Sankari R. , Wallen E. , Johansson U. , Karis O. , Arvanitis D.	Description of the new 1011 beamline for magnetic measurements using synchrotron radiation at MAX-lab	vol. 211 (1), 012030-1-6 (2010)	[1/8, KK, b. af.]
31	J. Phys.: Conf. Series	Kuryliszyn-Kudelska I. , Dobrowolski W. , Kilański Ł. , Hadzic B. , Romcevic N. , Sibera D. , Narkiewicz U. , Dziawa P.	Magnetic properties of nanocrystalline ZnO doped with MnO and CoO	vol. 200, 072058 (2010)	[4/8, KK]
32	J. Phys.: Conf. Series	Rosmej F. , Galtier E. , Riley D. , Dzelzainis T. , Heimann P. , Khattak F. , Lee R. , Nagler B. , Nelson A. , Tschentscher T. , Vinko S. , Whitcher T. , Toleikis S. , Sobierajski R. , Faustlin R. , Juha L. , Fajardo M. , Wark J. , Chalupsky J. , Hajkova	XUV emission from autoionizing hole states induced by intense XUV-FEL at intensities up to 1017 W/cm2	vol. 244, 042028 (2010)	[2/23, KK]
33	Mat. Res. Soc. Symp. Proc. Series	Kamińska E. , Piotrowska A. , Pasternak I. , Borysiewicz M. , Ekielski M. , Gołaszewska K. , Wojciechowski T. , Rzodkiewicz W. , Dynowska E. , Struk P. , Pustelny T.	Fabrication, processing and characterization of thin film ZnO for integrated optical gas sensors	vol. 1201, 1201-H05-14 (2010)	[2/11, KK]
34	Mater. Sci. Forum	Kirmse H. , Neumann W. , Kret S. , Janik E. , Zaleszczyk W. , Karczewski G. , Wojtowicz T.	(Zn,Mn)Te-based nanowires for spintronic applications: a TEM study of structural and chemical properties	vol. 638-642, 2154-2159 (2010)	[5/7, KK]

35	Mater. Sci. Forum	Racka-Dzietko K. , Tymicki E. , Graszka K. , Raczkiewicz M. , Jakiela R. , Kozubal M. , Jurkiewicz-Wegner E. , Brzozowski A. , Diduszko R. , Piersa M. , Kościewicz K. , Pawłowski M. , Krupka J.	Characterization of Vanadium Doped 4H- and 6H-SiC Grown by PVT Method Using the Open Seed Backside	vol. 645-648, 21-24 (2010)	[2/13, KK]
36	Mater. Sci. Forum	Tymicki E. , Graszka K. , Racka-Dzietko K. , Raczkiewicz M. , Łukasiewicz T. , Gała M. , Kościewicz K. , Diduszko R. , Bożek R.	Growth of 4H-SiC Crystals on the 8(o) Off-Axis 6H-SiC Seed by PVT Method	vol. 645-648, 17-20 (2010)	[1/9, KK]
37	Max-lab Activity Rep.	Wolska A. , Ławniczak-Jabłońska K. , Arvanitis D. , Misiuk A.	XMCD studies of the Mn⁺ implanted silicon crystals	vol. 2009, 426-427 (2010)	[2/4]
38	Max-lab Activity Rep.	Jiricek P. , Bartos I. , Cukr M. , Sadowski J.	Photoelectron diffraction from AlAs layers	vol. 2009, 80-81 (2010)	[1/4]
39	Max-lab Activity Rep.	Kowalik I.A. , Persson A. , Bonnani A. , Dietl T. , Arvanitis D.	Element specific characterization of (Ga,Fe)N: magnetism and structure	vol. 2009, 394-395 (2010)	[2/5]
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