

Piotr Dluzewski

List of Publications by Year in descending order

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207
papers

2,670
citations

172207

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288905

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212
docs citations

212
times ranked

3663
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoscale Morphology of Short-Period {CdO/ZnO} Superlattices Grown by MBE. <i>Crystal Growth and Design</i> , 2022, 22, 1110-1115.	1.4	3
2	Spin-current mediated exchange coupling in MgO-based magnetic tunnel junctions. <i>Physical Review B</i> , 2021, 103, .	1.1	6
3	Formation and electrochemical properties of multiwalled carbon nanotubes and polypyrrole composite with (n-Oc4N)Br binder. <i>Synthetic Metals</i> , 2021, 272, 116661.	2.1	4
4	Study of Spin Pumping through InAs Thin Films. <i>Physica Status Solidi - Rapid Research Letters</i> , 2021, 15, 2100137.	1.2	6
5	Improved-sensitivity integral SQUID magnetometry of (Ga,Mn)N thin films in proximity to Mg-doped GaN. <i>Journal of Alloys and Compounds</i> , 2021, 868, 159119.	2.8	8
6	Capacitance Properties of Chemically Prepared Carbon Nanostructure/Polyazulene Composites. <i>ECS Journal of Solid State Science and Technology</i> , 2021, 10, 091017.	0.9	2
7	Devitrification of thin film Cu-Zr metallic glass via ultrashort pulsed laser annealing. <i>Journal of Alloys and Compounds</i> , 2021, 887, 161437.	2.8	7
8	Short-Period CdO/MgO Superlattices as Cubic CdMgO Quasi-Alloys. <i>Crystal Growth and Design</i> , 2020, 20, 5466-5472.	1.4	11
9	Structural Quality and Magnetotransport Properties of Epitaxial Layers of the (Ga,Mn)(Bi,As) Dilute Magnetic Semiconductor. <i>Materials</i> , 2020, 13, 5507.	1.3	8
10	Crystallographic changes in electron pulse annealing of Ti-implanted GaP. <i>Radiation Effects and Defects in Solids</i> , 2020, 175, 719-729.	0.4	2
11	PyHoLo software, a new tool for electron hologram analysis and magnetic investigation. <i>Computer Physics Communications</i> , 2020, 256, 107471.	3.0	2
12	Interface Studies in HgTe/HgCdTe Quantum Wells. <i>Physica Status Solidi (B): Basic Research</i> , 2020, 257, 1900598.	0.7	4
13	<i>Eugenia umbelliflora</i> mediated reduction of silver nanoparticles incorporated into O-carboxymethylchitosan/ $\gamma\text{-Fe}_2\text{O}_3$: Synthesis, antimicrobial activity and toxicity. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 614-624.	3.6	12
14	Correction to Short-Period CdO/MgO Superlattices as Cubic CdMgO Quasi-Alloys. <i>Crystal Growth and Design</i> , 2020, 20, 7080-7080.	1.4	0
15	Influence of Cr doping on the phase composition of Cr,Ca:YAG ceramics by solid state reaction sintering. <i>Journal of the American Ceramic Society</i> , 2019, 102, 2104-2115.	1.9	24
16	Characterization of MgO/TiN bilayer deposited on cube-textured copper using pulsed-laser deposition technique. <i>Thin Solid Films</i> , 2019, 692, 137621.	0.8	2
17	Kinetics of Cr ³⁺ to Cr ⁴⁺ ion valence transformations and intra-lattice cation exchange of Cr ⁴⁺ in Cr,Ca:YAG ceramics used as laser gain and passive Q-switching media. <i>Journal of Chemical Physics</i> , 2019, 151, 134708.	1.2	26
18	Preparation, characterization, and application of magnetic activated carbon from termite feces for the adsorption of Cr(VI) from aqueous solutions. <i>Powder Technology</i> , 2019, 354, 432-441.	2.1	37

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19	Hole Trapping Process and Highly Sensitive Ratiometric Thermometry over a Wide Temperature Range in Pr ³⁺ -Doped Na ₂ La ₂ Ti ₃ O ₁₀ Layered Perovskite Microcrystals. Journal of Physical Chemistry A, 2019, 123, 4021-4033.	1.1	35
20	The role of Ca ²⁺ ions in the formation of high optical quality Cr ⁴⁺ ,Ca:YAG ceramics. Journal of the European Ceramic Society, 2019, 39, 3344-3352.	2.8	32
21	Alkane isomerization on highly reduced Pd/Al ₂ O ₃ catalysts. The crucial role of Pd-Al species. Catalysis Communications, 2019, 123, 17-22.	1.6	9
22	Adsorption of the dye Remazol Red 198 (RR198) by O-carboxymethylchitosan-N-lauryl/β-Fe ₂ O ₃ magnetic nanoparticles. Arabian Journal of Chemistry, 2019, 12, 3444-3453.	2.3	20
23	Structural, magnetostatic, and magnetodynamic studies of Co/Mo-based uncompensated synthetic antiferromagnets. Physical Review Materials, 2019, 3, .	0.9	2
24	Impact of substrate temperature on magnetic properties of plasma-assisted molecular beam epitaxy grown (Ga,Mn)N. Journal of Alloys and Compounds, 2018, 747, 946-959.	2.8	18
25	Studies of field emission process influence on changes in CNT films with different CNT superficial density. Materials Science-Poland, 2018, 36, 27-33.	0.4	0
26	Backscattering analysis of short period ZnO/MgO superlattices. Surface and Coatings Technology, 2018, 355, 45-49.	2.2	17
27	Self-organized ZnMgO nanocolumns with ZnO/ZnMgO quantum wells on c-plane Al ₂ O ₃ substrates by MBE: Growth conditions and properties. Journal of Alloys and Compounds, 2018, 737, 748-751.	2.8	5
28	Synthesis of Ag@Fe ₂ O ₃ nanocomposite based on O-carboxymethylchitosan with antimicrobial activity. International Journal of Biological Macromolecules, 2018, 107, 42-51.	3.6	9
29	Ultra-fast epitaxial growth of ZnO nano/microrods on a GaN substrate, using the microwave-assisted hydrothermal method. Materials Chemistry and Physics, 2018, 205, 16-22.	2.0	14
30	The influence of PVD/CVD processes parameters on Ni catalyst nanoparticles sizes. Journal of Physics: Conference Series, 2018, 1033, 012007.	0.3	3
31	Study of ultrathin Pt/Co/Pt trilayers modified by nanosecond XUV pulses from laser-driven plasma source. Journal of Alloys and Compounds, 2018, 763, 899-908.	2.8	1
32	Magnetic and magnetotransport properties of epitaxial La _{0.7} Sr _{0.3} MnO ₃ /SrIrO ₃ /La _{0.7} Sr _{0.3} MnO ₃ spin valves. Journal Physics D: Applied Physics, 2018, 51, 385002.	1.3	3
33	High content palladium nanocomposite carbon-palladium films. Journal of Physics: Conference Series, 2018, 1033, 012009.	0.3	1
34	TEM studies on thermally nanocrystallized vanadium-containing glassy analogs of LiFePO ₄ olivine. Materials Characterization, 2017, 127, 214-221.	1.9	5
35	Amorphous FeCrNi/a-C:H coatings with self-organized nanotubular structure. Scripta Materialia, 2017, 136, 24-28.	2.6	15
36	Strain relaxation induced surface morphology of heterogeneous GaInNAs layers grown on GaAs substrate. Journal of Crystal Growth, 2017, 470, 108-112.	0.7	0

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37	Abundant Acceptor Emission from Nitrogen-Doped ZnO Films Prepared by Atomic Layer Deposition under Oxygen-Rich Conditions. ACS Applied Materials & Interfaces, 2017, 9, 26143-26150.	4.0	32
38	Atomic layer deposited ZnO films implanted with Yb: The influence of Yb location on optical and electrical properties. Thin Solid Films, 2017, 643, 7-15.	0.8	16
39	In Situ Electron Beam Amorphization of Sb ₂ Te ₃ within Single Walled Carbon Nanotubes. Acta Physica Polonica A, 2017, 131, 1324-1328.	0.2	1
40	Role of heat accumulation in the multi-shot damage of silicon irradiated with femtosecond XUV pulses at a 1 MHz repetition rate. Optics Express, 2016, 24, 15468.	1.7	15
41	Effect of microwave radiation on the adsorption of the dye Remazol Red 198 (RR198) by O-carboxymethylchitosan-N-lauryl/F2O3 magnetic nanoparticles. Chemical Engineering Research and Design, 2016, 102, 392-402.	2.7	8
42	Adsorption of reactive red dye (RR-120) on nanoadsorbent O-carboxymethylchitosan/Fe ₂ O ₃ : kinetic, equilibrium and factorial design studies. RSC Advances, 2016, 6, 35058-35070.	1.7	8
43	Preparation and properties of carbon-palladium multilayer for hydrogen detection. Vacuum, 2016, 128, 265-271.	1.6	8
44	Kesterite Inorganic-Organic Heterojunction for Solution Processable Solar Cells. Electrochimica Acta, 2016, 201, 78-85.	2.6	8
45	Fabrication and Ferroelectric Properties of BiFeO ₃ /BaTiO ₃ Heterostructures. Acta Physica Polonica A, 2016, 130, 511-515.	0.2	2
46	Fluence thresholds for grazing incidence hard x-ray mirrors. Applied Physics Letters, 2015, 106, .	1.5	41
47	Synthesis of kesterite nanopowders with bandgap tuning ligands. Crystal Research and Technology, 2015, 50, 743-746.	0.6	3
48	When Eutectics Meet Plasmonics: Nanoplasmonic, Volumetric, Self-Organized, Silver-Based Eutectic. Advanced Optical Materials, 2015, 3, 381-389.	3.6	38
49	Properties of Pd nanograins in C-Pd composite films obtained by PVD method. Materials Science-Poland, 2015, 33, 482-487.	0.4	0
50	Structural and magnetic properties of hybrid ferromagnetic metal/semiconductor (ZnTe)/Co core-shell nanowires. Journal of Crystal Growth, 2015, 412, 80-86.	0.7	2
51	Characterization of dielectric layers grown at low temperature by atomic layer deposition. Thin Solid Films, 2015, 577, 97-102.	0.8	35
52	Properties of ZnO/ZnMgO nanostructures grown on r-plane Al ₂ O ₃ substrates by molecular beam epitaxy. Journal of Alloys and Compounds, 2015, 650, 256-261.	2.8	15
53	Adsorption of Cr(VI) on crosslinked chitosan-Fe(III) complex in fixed-bed systems. Journal of Water Process Engineering, 2015, 7, 141-152.	2.6	41
54	Magnetic and Structural Study of (ZnTe)/Co Core-Shell Nanowires Grown by Molecular Beam Epitaxy. Acta Physica Polonica A, 2015, 127, 517-519.	0.2	0

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55	Eutectics: When Eutectics Meet Plasmonics: Nanoplasmonic, Volumetric, Self-Organized, Silver-Based Eutectic (Advanced Optical Materials 3/2015). Advanced Optical Materials, 2015, 3, 414-414.	3.6	0
56	Anisotropy of strain relaxation in heterogeneous GaInNAs layers grown by AP-MOVPE. Journal of Crystal Growth, 2015, 430, 14-20.	0.7	4
57	C-Pd and C-Pd-Ni films for optical sensing. , 2015, , .		1
58	Enhancement of luminescence of nanocrystalline TiO ₂ :Yb ³⁺ nanopowders due to co-doping with Nd ³⁺ ions. Optical Materials, 2015, 47, 361-365.	1.7	4
59	Facile synthesis of core/shell ZnO/ZnS nanofibers by electrospinning and gas-phase sulfidation for biosensor applications. Physical Chemistry Chemical Physics, 2015, 17, 24029-24037.	1.3	33
60	Structural investigation of ultrathin Pt/Co/Pt trilayer films under EUV irradiation. Nuclear Instruments & Methods in Physics Research B, 2015, 364, 33-39.	0.6	8
61	Collective magnetic behavior of biocompatible systems of maghemite particles coated with functional polymer shells. Journal of Magnetism and Magnetic Materials, 2015, 379, 28-38.	1.0	9
62	Electric and thermoelectric properties of CdTe/PbTe epitaxial nanocomposite. Functional Materials Letters, 2014, 07, 1440007.	0.7	1
63	Ultrathin Niobium in the Si/Nb/Si Trilayers. Acta Physica Polonica A, 2014, 126, A-140-A-144.	0.2	2
64	Structural Characterization of Doped Thick GaInNAs Layers - Ambiguities and Challenges. Journal of Electrical Engineering, 2014, 65, 299-303.	0.4	5
65	Negative Hall coefficient of ultrathin niobium in Si/Nb/Si trilayers. Physical Review B, 2014, 90, .	1.1	10
66	Synthesis of Bulk Kesterite " A Prospective Photovoltaic Material. European Journal of Inorganic Chemistry, 2014, 2014, 4730-4733.	1.0	5
67	Magnetocaloric effect in single crystals of RCoGaO∞</math> (R = Lu, Yb) layered cobaltites. , 2014, , .		0
68	A magnetic nanogel based on O-carboxymethylchitosan for antitumor drug delivery: synthesis, characterization and in vitro drug release. Soft Matter, 2014, 10, 3441.	1.2	39
69	Synthesis of core-shell silver-platinum nanoparticles, improving shell integrity. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 441, 178-183.	2.3	36
70	Dual-acceptor doped p-n-ZnO:(As,Sb)/n-GaN heterojunctions grown by PA-MBE as a spectrum selective ultraviolet photodetector. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 2072-2077.	0.8	17
71	Growth conditions and structural properties of ZnMgO nanocolumns on Si(111). Journal of Crystal Growth, 2014, 408, 102-106.	0.7	20
72	Adsorption of CO on various M@Pt core-shell nanoparticles: Surface-enhanced infrared absorption and DFT studies. Vibrational Spectroscopy, 2014, 75, 11-18.	1.2	4

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73	Ultra-fast growth of the monocrystalline zinc oxide nanorods from the aqueous solution. International Journal of Nanotechnology, 2014, 11, 758.	0.1	22
74	The Influence of Technological PVD Process Parameters on the Topography, Crystal and Molecular Structure of Nanocomposite Films Containing Palladium Nanograins. Polish Journal of Chemical Technology, 2014, 16, 18-24.	0.3	10
75	Homogeneous and heterogeneous magnetism in (Zn,Co)O: From a random antiferromagnet to a dipolar superferromagnet by changing the growth temperature. Physical Review B, 2013, 88, .	1.1	43
76	Amorphous - Nanocrystalline Melt Spun Al-Si-Ni Based Alloys Modified with Cu and Zr. Archives of Metallurgy and Materials, 2013, 58, 419-423.	0.6	1
77	Extended deep-level defects in MBE-grown p-type CdTe layers. Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 113-116.	0.8	3
78	Magnetic anisotropy of La _{0.7} Sr _{0.3} MnO ₃ nanopowders. Journal of Magnetism and Magnetic Materials, 2013, 335, 11-16.	1.0	6
79	Light- and environment-sensitive electrospun ZnO nanofibers. RSC Advances, 2013, 3, 5656.	1.7	16
80	Influence of substrate nitridation temperature on epitaxial alignment of GaN nanowires to Si(111) substrate. Nanotechnology, 2013, 24, 035703.	1.3	74
81	Formation of two-dimensionally confined superparamagnetic (Mn, Ga)As nanocrystals in high-temperature annealed (Ga, Mn)As/GaAs superlattices. Journal of Physics Condensed Matter, 2013, 25, 196005.	0.7	4
82	Structural studies of magnetic Fe doped ZnO nanofibers. Radiation Physics and Chemistry, 2013, 93, 21-24.	1.4	3
83	Structural and magnetic investigation of single wall carbon nanotube films with iron based nanoparticles inclusions synthesized by CVD technique from ferrocene/ethanol solution. Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 1176-1179.	0.8	1
84	TEM and CL Investigations of Pd Nanograins Included in Carbonaceous Film. Solid State Phenomena, 2012, 186, 177-181.	0.3	8
85	Optimization of Structure and Magnetic Properties of NdFeBTi Nanocomposite Magnets. Solid State Phenomena, 2012, 186, 206-211.	0.3	0
86	Homogenous and heterogeneous magnetism in (Zn,Co)O. , 2012, , .		1
87	Superconductivity and magnetism in Rb ₂ Fe ₂ Se ₂ Te ₂ . Physical Review B, 2012, 86, .	1.1	24
88	Structural and Chemical Characterization of Al(Ga)N/GaN Quantum Well Structures Grown by Plasma Assisted Molecular Beam Epitaxy. Solid State Phenomena, 2012, 186, 70-73.	0.3	1
89	Transmission electron microscopy studies of the Pd/C films obtained by physical and chemical vapor deposition. International Journal of Hydrogen Energy, 2012, 37, 18556-18562.	3.8	16
90	Structural and magnetic characterization of functional surface coated maghemite nanoparticles. , 2012, , .		1

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91	Microstructural magnetic phases in superconducting FeTe _{0.65} Se _{0.35} . Superconductor Science and Technology, 2012, 25, 065019.	1.8	39
92	Nanometer Size Effect on Magnetic Properties of Sm _{0.8} Ca _{0.2} MnO ₃ Nanoparticles. Journal of Physical Chemistry C, 2012, 116, 435-447.	1.5	11
93	Fabrication and properties of nanocrystalline ZnO thin films. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 1504-1506.	0.8	4
94	Adsorption of Remazol Red 198 onto magnetic N-lauryl chitosan particles: equilibrium, kinetics, reuse and factorial design. Environmental Science and Pollution Research, 2012, 19, 1594-1604.	2.7	45
95	Removal of cationic dyes from aqueous solutions using N-benzyl-O-carboxymethylchitosan magnetic nanoparticles. Chemical Engineering Journal, 2012, 183, 284-293.	6.6	92
96	The growth kinetics of colloidal ZnO nanoparticles in alcohols. Journal of Sol-Gel Science and Technology, 2012, 61, 197-205.	1.1	20
97	Magnetic Fe doped ZnO nanofibers obtained by electrospinning. Journal of Sol-Gel Science and Technology, 2012, 61, 494-500.	1.1	34
98	Epitaxial Zinc-Blende CdTe Antidots in Rock-Salt PbTe Semiconductor Thermoelectric Matrix. Crystal Growth and Design, 2011, 11, 4794-4801.	1.4	20
99	Secondary electron microscopy and transmission electron microscopy studies of carbon nanotubes in C-Ni films. Open Physics, 2011, 9, 344-348.	0.8	1
100	Effects of the annealing temperature on the structural and electronic properties of MBE grown InGaN/GaN quantum wells. Journal of Physics: Conference Series, 2011, 326, 012012.	0.3	1
101	The source of room temperature ferromagnetism in granular GaMnAs layers with zinc blende clusters. Physica Status Solidi - Rapid Research Letters, 2011, 5, 62-64.	1.2	15
102	Structural and magnetic properties of nanoclusters in GaMnAs granular layers. Journal of Solid State Chemistry, 2011, 184, 1530-1539.	1.4	8
103	Synthesis, characterization and in vitro drug release of magnetic N-benzyl-O-carboxymethylchitosan nanoparticles loaded with indomethacin. Acta Biomaterialia, 2011, 7, 3078-3085.	4.1	40
104	Structural and magnetic properties of GaAs:(Mn,Ga)As granular layers. Physica Status Solidi (B): Basic Research, 2011, 248, 1609-1614.	0.7	6
105	Properties of Pd-C films for hydrogen storage applications. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 2527-2531.	0.8	19
106	High temperature magnetic order in zinc sulfide doped with copper. Journal of Physics and Chemistry of Solids, 2011, 72, 648-652.	1.9	25
107	Native Deep-Level Defects in MBE-Grown p-Type CdTe. Acta Physica Polonica A, 2011, 120, 946-949.	0.2	4
108	Stability and thermal expansion of InN: an X-ray diffraction study. Acta Crystallographica Section A: Foundations and Advances, 2011, 67, C406-C406.	0.3	0

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109	Properties of GaN Nanocolumns Grown by Plasma - Assisted MBE on Si (111) Substrates. Acta Physica Polonica A, 2011, 120, A-15-A-16.	0.2	1
110	TEM characterization of MBE grown CdTe/ZnTe axial nanowires. Journal of Microscopy, 2010, 237, 337-340.	0.8	7
111	Zn _{1-x} Mn _x Te-based diluted magnetic semiconductor nanowire structures grown by MBE. , 2010, , .		2
112	CdTe Quantum Dots in a Field Effect Structure: Photoluminescence Lineshape Analysis. , 2010, , .		0
113	Lattice parameters and orthorhombic distortion of CaMnO ₃ . Powder Diffraction, 2010, 25, 46-59.	0.4	39
114	Defect Free PbTe Nanowires Grown by Molecular Beam Epitaxy on GaAs(111)B Substrates. Crystal Growth and Design, 2010, 10, 109-113.	1.4	18
115	Morphology and strain of self-assembled semipolar GaN quantum dots in (112̂ ²) AlN. Journal of Applied Physics, 2010, 108, .	1.1	20
116	Magnetoresistance of Si/Nb/Si Trilayers. Acta Physica Polonica A, 2010, 118, 406-408.	0.2	1
117	Temperature-induced magnetic-anisotropy crossover in a Co/MgO/Co heterostructure. Journal of Applied Physics, 2009, 105, .	1.1	8
118	Structural and magnetic properties of the molecular beam epitaxy grown MnSb layers on GaAs substrates. Journal of Applied Physics, 2009, 106, .	1.1	9
119	Misfit dislocations and surface morphology of InGaAs/GaAs heterostructures grown by MOVPE. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 1918-1921.	0.8	3
120	TEM determination of directions of (Ga,Mn)As nanowires grown by MBE on GaAs(001) substrates. Journal of Microscopy, 2009, 236, 115-118.	0.8	6
121	Nanoindentation of heterogeneous carbonaceous films containing Ni nano-crystals. Micron, 2009, 40, 94-98.	1.1	8
122	Formation and electrochemical properties of composites of the C60@Pd polymer and multi-wall carbon nanotubes. Electrochimica Acta, 2009, 54, 5621-5628.	2.6	35
123	Influence of the Si cap layer on the SiGe islands morphology. Micron, 2009, 40, 122-125.	1.1	9
124	Structural and optical properties of low-temperature ZnO films grown by atomic layer deposition with diethylzinc and water precursors. Journal of Crystal Growth, 2009, 311, 1096-1101.	0.7	54
125	Magnetic properties of MnAs nanocrystals embedded in GaAs. Journal of Magnetism and Magnetic Materials, 2009, 321, 2788-2791.	1.0	6
126	XAFS studies of the short-range order in Ni nanoparticles embedded in carbonaceous matrix. Journal of Alloys and Compounds, 2009, 484, 896-901.	2.8	10

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127	Structure and Magnetic Characterization of BiFeO ₃ /YBa ₂ Cu ₃ O ₇ Bilayers. <i>Acta Physica Polonica A</i> , 2009, 115, 95-97.	0.2	6
128	Nanostructural Carbonaceous Films With Metal (Pd, Ni) Nanoparticles. <i>NATO Science for Peace and Security Series B: Physics and Biophysics</i> , 2009, , 227-230.	0.2	0
129	Anisotropic misfit strain relaxation in lattice mismatched InGaAs/GaAs heterostructures grown by MOVPE. <i>Journal of Crystal Growth</i> , 2008, 310, 3014-3018.	0.7	16
130	Zn _{1-x} Mn _x Te Diluted Magnetic Semiconductor Nanowires Grown by Molecular Beam Epitaxy. <i>Nano Letters</i> , 2008, 8, 4061-4065.	4.5	19
131	Atomic order in magnetic Mn inclusions in Si crystals: XAS and TEM studies. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 4189-4192.	1.5	1
132	TEM characterization of VLS-grown ZnTe nanowires. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2008, 5, 3780-3784.	0.8	15
133	Zn _{1-x} Mg _x Te nanowires grown by solid source molecular beam epitaxy. <i>Nanotechnology</i> , 2008, 19, 365606.	1.3	9
134	Structural and Chemical Properties of ZnTe Nanowires Grown on GaAs. <i>Springer Proceedings in Physics</i> , 2008, , 233-236.	0.1	1
135	MBE Growth and Properties of ZnTe- and CdTe-Based Nanowires. <i>Journal of the Korean Physical Society</i> , 2008, 53, 3055-3063.	0.3	26
136	Analysis of atomic structure and structural imperfections of ZnTe and (Zn,Mn)Te nanowires. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2008, 64, C598-C598.	0.3	0
137	MnAs Nanocrystals Embedded in GaAs. <i>Acta Physica Polonica A</i> , 2008, 114, 1207-1211.	0.2	0
138	Structure of Magnetically Ordered Si:Mn. <i>Solid State Phenomena</i> , 2007, 131-133, 327-332.	0.3	1
139	Pd nanocrystalline films for electron sources , 2007, , .		0
140	Catalytic growth of ZnTe nanowires by molecular beam epitaxy: structural studies. <i>Nanotechnology</i> , 2007, 18, 475606.	1.3	55
141	Homogenous indium distribution in InGaN/GaN laser active structure grown by LP-MOCVD on bulk GaN crystal revealed by transmission electron microscopy and x-ray diffraction. <i>Nanotechnology</i> , 2007, 18, 465707.	1.3	23
142	GaAs:Mn Nanowires Grown by Molecular Beam Epitaxy of (Ga,Mn)As at MnAs Segregation Conditions. <i>Nano Letters</i> , 2007, 7, 2724-2728.	4.5	47
143	ZnSe/CdSe Superlattice Nanowires by Catalyst-assisted Molecular Beam Epitaxy. <i>AIP Conference Proceedings</i> , 2007, , .	0.3	3
144	Properties of Pd nanocrystals prepared by PVD method. <i>Vacuum</i> , 2007, 82, 372-376.	1.6	32

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145	Dislocation-related electronic states in partially strain-relaxed InGaAs/GaAs heterostructures grown by MOVPE. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2007, 4, 3037-3042.	0.8	3
146	Structural Properties of Co and CoFe Electrodes Forming a Magnetic Tunnel Junction. <i>Acta Physica Polonica A</i> , 2007, 111, 135-140.	0.2	3
147	Superconductivity and Magnetism in Nd _{0.5} Sr _{0.5} MnO ₃ /YBa ₂ Cu ₃ O ₇ Superlattices. <i>Acta Physica Polonica A</i> , 2007, 111, 179-183.	0.2	1
148	Do We Understand Magnetic Properties of ZnMnO?. <i>Acta Physica Polonica A</i> , 2007, 112, 261-267.	0.2	7
149	Growth and Properties of ZnMnTe Nanowires. <i>Acta Physica Polonica A</i> , 2007, 112, 351-356.	0.2	4
150	Photoluminescence Properties of ZnO and ZnCdO Nanowires. <i>Acta Physica Polonica A</i> , 2007, 112, 357-362.	0.2	5
151	ZnTe nanowires grown catalytically on GaAs (001) substrates by molecular beam epitaxy. <i>AIP Conference Proceedings</i> , 2007, , .	0.3	0
152	<title>Preparation and characterization of Ni$\langle \inf \langle \roman \rangle N \langle /roman \rangle \langle /inf \rangle \langle /math \rangle$ nanocrystals embedded in a carbonaceous matrix</title>. , 2006, , .		0
153	Transport and magnetic characterization of La _{0.885} Sr _{0.115} MnO ₃ /YBa ₂ Cu ₃ O ₇ superlattices. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006, 3, 81-84.	0.8	0
154	Interplay of superconductivity and ferromagnetism in YBa ₂ Cu ₃ O ₇ /La _{1-x} Sr _x MnO ₃ heterostructures. <i>Superconductor Science and Technology</i> , 2006, 19, S38-S44.	1.8	21
155	ZnTe nanowires grown on GaAs(100) substrates by molecular beam epitaxy. <i>Applied Physics Letters</i> , 2006, 89, 133114.	1.5	71
156	Platinum Nanoelectrodes Embedded in an Insulating Alumina Matrix: An Innovative Approach. <i>Chemical Vapor Deposition</i> , 2005, 11, 187-190.	1.4	5
157	Electron Doping of Ca ₄ Mn ₃ O ₁₀ Induced by Vanadium Substitution.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
158	Self-organized MnAs quantum dots formed during annealing of GaMnAs under arsenic capping. <i>Applied Physics Letters</i> , 2005, 87, 263114.	1.5	18
159	Electron Doping of Ca ₄ Mn ₃ O ₁₀ Induced by Vanadium Substitution. <i>Chemistry of Materials</i> , 2005, 17, 4852-4857.	3.2	11
160	Magnetic properties of nanogranular Co _x Cu _{1-x} structures. <i>Journal of Alloys and Compounds</i> , 2005, 392, 12-19.	2.8	9
161	Structure and magnetic characterization of La _{0.67} Sr _{0.33} MnO ₃ /YBa ₂ Cu ₃ O ₇ superlattices. <i>Journal of Applied Physics</i> , 2004, 95, 2906-2911.	1.1	22
162	Magnetic properties of La _{0.67} Sr _{0.33} MnO ₃ /YBa ₂ Cu ₃ O ₇ superlattices. <i>Physical Review B</i> , 2004, 69, .	1.1	91

#	ARTICLE	IF	CITATIONS
163	Photoelectric properties of nanostructured carbonaceous films containing Ni-C nanocrystals investigated by picosecond laser-induced photoelectric charge emission. <i>Diamond and Related Materials</i> , 2004, 13, 1437-1441.	1.8	3
164	Topographical and morphological studies of the superficial structure changes during the growth of heterogeneous carbonaceous films with Ni nano-crystals inclusion. <i>Vacuum</i> , 2004, 74, 311-315.	1.6	5
165	Electron emissive properties of CNT films grown by catalytic method on different types of substrates. <i>Diamond and Related Materials</i> , 2004, 13, 1008-1011.	1.8	20
166	Magnetism and Superconductivity in Nd _{0.81} Sr _{0.19} MnO ₃ /YBa ₂ Cu ₃ O ₇ Superlattices. <i>Acta Physica Polonica A</i> , 2004, 105, 127-132.	0.2	0
167	Transmission electron microscopy and X-ray diffraction studies of Al ₂ CO microcrystals. <i>Materials Chemistry and Physics</i> , 2003, 81, 383-386.	2.0	2
168	Photoelectric work function studies of carbonaceous films containing Ni nanocrystals. <i>Thin Solid Films</i> , 2003, 423, 161-168.	0.8	10
169	Photoelectric work function determination for the nanostructural carbonaceous films. <i>Vacuum</i> , 2003, 70, 237-241.	1.6	4
170	Structure characterization and magnetic properties of oxide multilayers Nd _{0.67} Sr _{0.33} MnO ₃ /YBa ₂ Cu ₃ O ₇ . <i>Physica C: Superconductivity and Its Applications</i> , 2003, 387, 40-43.	0.6	11
171	On the measurement of dislocation core distributions in a GaAs/ZnTe/CdTe heterostructure by high-resolution transmission electron microscopy. <i>Philosophical Magazine</i> , 2003, 83, 231-244.	0.7	21
172	Morphology and electronic properties of carbon nanotubes grown with Fe catalyst. <i>Journal of Materials Research</i> , 2003, 18, 2451-2458.	1.2	9
173	Characterisation of cold electron emitting carbonaceous films containing Ni metallic nanocrystals. <i>Diamond and Related Materials</i> , 2002, 11, 809-812.	1.8	6
174	Three-Dimensional Quantum Dot ?Crystal? Formation in CdTe/ZnTe Superlattices. <i>Physica Status Solidi (B): Basic Research</i> , 2002, 229, 445-448.	0.7	1
175	Growth and Structural Characterization of Zinc Blende HgS. <i>Physica Status Solidi (B): Basic Research</i> , 2002, 229, 73-77.	0.7	15
176	Potassium-Promoted Carbon-Based Iron Catalyst for Ammonia Synthesis. Effect of Fe Dispersion. <i>Catalysis Letters</i> , 2002, 81, 213-218.	1.4	12
177	Characterisation of thin films containing Au and Pd nanoparticles by grazing-incidence X-ray diffraction and related methods. <i>Journal of Alloys and Compounds</i> , 2001, 328, 248-252.	2.8	8
178	X-ray absorption studies of Fe-based nanocrystalline alloys. <i>Journal of Alloys and Compounds</i> , 2001, 328, 57-63.	2.8	15
179	Work function and electron emission from nanocrystalline Pd films. <i>Vacuum</i> , 2001, 63, 355-360.	1.6	5
180	Study of Zn-related structural transformations at p-GaAs/Ni/Zn interfaces relative to the formation of an ohmic contact. <i>Materials Science in Semiconductor Processing</i> , 2001, 4, 289-291.	1.9	3

#	ARTICLE	IF	CITATIONS
181	Magnetoresistive, Mechanically Hard Superlattices of CrN, NbN, TiN Multilayers Deposited on Monocrystalline Si Wafers. Materials Research Society Symposia Proceedings, 2001, 695, 1.	0.1	0
182	Structural and magnetic study of Co/Gd multilayers deposited on Si and Si-N substrates. Journal Physics D: Applied Physics, 2001, 34, A208-A213.	1.3	3
183	Structural and optical evidence of island correlation in CdTe/ZnTe superlattices. Applied Physics Letters, 2001, 78, 3884-3886.	1.5	42
184	Transport properties of doped (Sr,Ca)10Cu17O29 single crystals under high hydrostatic pressure. Physica C: Superconductivity and Its Applications, 2000, 338, 291-297.	0.6	1
185	Electron emission from C ₆₀ /C ₇₀ +Pd films containing Pd nanocrystals. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2000, 18, 1064.	1.6	11
186	Measurement of dislocation core distribution by digital processing of high-resolution transmission electron microscopy micrographs: a new technique for studying defects. Journal of Physics Condensed Matter, 2000, 12, 10313-10318.	0.7	19
187	High-pressure, high-temperature synthesis of SiC "diamond nanocrystalline ceramics. Applied Physics Letters, 2000, 77, 954.	1.5	76
188	Electron Emitting Nanostructures of Carbon+Pd System. Molecular Crystals and Liquid Crystals, 2000, 353, 237-242.	0.3	2
189	From fullerenes to carbon nanotubes by Ni catalysis. Diamond and Related Materials, 2000, 9, 901-905.	1.8	11
190	Electron Microscopy and X-ray Structural Investigations of Incommensurate Spin-Ladder Sr _{4.1} Ca _{4.7} Bi _{0.3} Cu ₁₇ O ₂₉ Single Crystals. Acta Physica Polonica A, 2000, 98, 729-737.	0.2	0
191	Topography and structure of C ₆₀ /C ₇₀ +Ni film containing carbon nanotubes grown perpendicularly to the substrate. Vacuum, 1999, 54, 57-62.	1.6	6
192	Atomic force microscopy and transmission electron microscopy investigations of catalytic formed nanotubes in C ₆₀ /C ₇₀ +Ni layers. Applied Surface Science, 1999, 141, 350-356.	3.1	11
193	EXAFS analysis of grain boundaries in nanocrystalline Fe ₈₅ Zr ₇ B ₆ Cu ₂ alloys. Journal of Alloys and Compounds, 1999, 286, 103-107.	2.8	11
194	Formation of 4H and 8H polytypes in bulk Zn _{1-x} MgxSe crystals. Journal of Alloys and Compounds, 1999, 286, 224-235.	2.8	9
195	Fe:C ₆₀ bonds and structure analyzed by computational chemistry methods. Journal of Alloys and Compounds, 1999, 286, 297-301.	2.8	9
196	Structural investigations of polytypes in Zn _{1-x} MgxSe by transmission electron microscopy and cathodoluminescence. Journal of Crystal Growth, 1998, 184-185, 1015-1020.	0.7	9
197	Coexistence of 2H and 4H polytypes in Zn _{1-x} MgxSe observed by photo- and cathodoluminescence. Solid State Communications, 1998, 108, 367-370.	0.9	4
198	<title>Growth and characterization of Zn _{1-x} MgxSe mixed crystals</title>. , 1997, 3178, 205.		0

#	ARTICLE	IF	CITATIONS
199	Studies of structural changes in layers annealed under oxidative conditions. <i>Vacuum</i> , 1997, 48, 357-361.	1.6	6
200	TEM study of chirality in MoS ₂ nanotubes. <i>Journal of Microscopy</i> , 1996, 181, 68-71.	0.8	48
201	The structural changes of polycrystalline film C ₆₀ /C ₇₀ : Ni caused by Ni diffusion. <i>Journal of Materials Research</i> , 1996, 11, 3146-3151.	1.2	2
202	Preparation and Some Properties of Carbon Nanotubes. <i>Acta Physica Polonica A</i> , 1995, 87, 885-891.	0.2	4
203	On a computation method for the interpretation of the diffuse scattering from binary solid solutions. <i>Physica Status Solidi A</i> , 1994, 143, 215-222.	1.7	1
204	The formation of fullerenes and nanotubules. <i>Journal of Materials Research</i> , 1993, 8, 118-122.	1.2	7
205	On the binding energy of the ^{12}C hypernucleus. <i>Nuclear Physics A</i> , 1988, 484, 520-524.	0.6	18
206	On the ordering of Cr _{1-x} Al _x alloys ($x < 0.33$) leading to microprecipitations of X- and β^2 -phases. <i>Crystal Research and Technology</i> , 1985, 20, 655-661.	0.6	2
207	Problems of application of X-ray standing wave technique (XSW) to the study of implanted crystals. , 0, , .		0