

Piotr Dluzewski

List of Publications by Year in descending order

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207
papers

2,670
citations

172207

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40
g-index

212
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212
docs citations

212
times ranked

3663
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of cationic dyes from aqueous solutions using N-benzyl-O-carboxymethylchitosan magnetic nanoparticles. <i>Chemical Engineering Journal</i> , 2012, 183, 284-293.	6.6	92
2	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
3	High-pressure, high-temperature synthesis of SiC "diamond nanocrystalline ceramics. <i>Applied Physics Letters</i> , 2000, 77, 954.	1.5	76
4	Influence of substrate nitridation temperature on epitaxial alignment of GaN nanowires to Si(111) substrate. <i>Nanotechnology</i> , 2013, 24, 035703.	1.3	74
5	ZnTe nanowires grown on GaAs(100) substrates by molecular beam epitaxy. <i>Applied Physics Letters</i> , 2006, 89, 133114.	1.5	71
6	Catalytic growth of ZnTe nanowires by molecular beam epitaxy: structural studies. <i>Nanotechnology</i> , 2007, 18, 475606.	1.3	55
7	Structural and optical properties of low-temperature ZnO films grown by atomic layer deposition with diethylzinc and water precursors. <i>Journal of Crystal Growth</i> , 2009, 311, 1096-1101.	0.7	54
8	TEM study of chirality in MoS ₂ nanotubes. <i>Journal of Microscopy</i> , 1996, 181, 68-71.	0.8	48
9	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
10	Adsorption of Remazol Red 198 onto magnetic N-lauryl chitosan particles: equilibrium, kinetics, reuse and factorial design. <i>Environmental Science and Pollution Research</i> , 2012, 19, 1594-1604.	2.7	45
11	Homogeneous and heterogeneous magnetism in (Zn,Co)O: From a random antiferromagnet to a dipolar superferromagnet by changing the growth temperature. <i>Physical Review B</i> , 2013, 88, .	1.1	43
12	Structural and optical evidence of island correlation in CdTe/ZnTe superlattices. <i>Applied Physics Letters</i> , 2001, 78, 3884-3886.	1.5	42
13	Fluence thresholds for grazing incidence hard x-ray mirrors. <i>Applied Physics Letters</i> , 2015, 106, .	1.5	41
14	Adsorption of Cr(VI) on crosslinked chitosan-Fe(III) complex in fixed-bed systems. <i>Journal of Water Process Engineering</i> , 2015, 7, 141-152.	2.6	41
15	Synthesis, characterization and in vitro drug release of magnetic N-benzyl-O-carboxymethylchitosan nanoparticles loaded with indomethacin. <i>Acta Biomaterialia</i> , 2011, 7, 3078-3085.	4.1	40
16	Lattice parameters and orthorhombic distortion of CaMnO ₃ . <i>Powder Diffraction</i> , 2010, 25, 46-59.	0.4	39
17	Microstructural magnetic phases in superconducting FeTe _{0.65} Se _{0.35} . <i>Superconductor Science and Technology</i> , 2012, 25, 065019.	1.8	39
18	A magnetic nanogel based on O-carboxymethylchitosan for antitumor drug delivery: synthesis, characterization and in vitro drug release. <i>Soft Matter</i> , 2014, 10, 3441.	1.2	39

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19	When Eutectics Meet Plasmonics: Nanoplasmonic, Volumetric, Self-Organized, Silver-Based Eutectic. <i>Advanced Optical Materials</i> , 2015, 3, 381-389.	3.6	38
20	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
21	Synthesis of core-shell silver-platinum nanoparticles, improving shell integrity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 441, 178-183.	2.3	36
22	Formation and electrochemical properties of composites of the C60-Pd polymer and multi-wall carbon nanotubes. <i>Electrochimica Acta</i> , 2009, 54, 5621-5628.	2.6	35
23	Characterization of dielectric layers grown at low temperature by atomic layer deposition. <i>Thin Solid Films</i> , 2015, 577, 97-102.	0.8	35
24	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. <i>Journal of Physical Chemistry A</i> , 2019, 123, 4021-4033.	1.1	35
25	Magnetic Fe doped ZnO nanofibers obtained by electrospinning. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 61, 494-500.	1.1	34
26	Facile synthesis of core/shell ZnO/ZnS nanofibers by electrospinning and gas-phase sulfidation for biosensor applications. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 24029-24037.	1.3	33
27	Properties of Pd nanocrystals prepared by PVD method. <i>Vacuum</i> , 2007, 82, 372-376.	1.6	32
28	Abundant Acceptor Emission from Nitrogen-Doped ZnO Films Prepared by Atomic Layer Deposition under Oxygen-Rich Conditions. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 26143-26150.	4.0	32
29	The role of Ca ²⁺ ions in the formation of high optical quality Cr ⁴⁺ ,Ca:YAG ceramics. <i>Journal of the European Ceramic Society</i> , 2019, 39, 3344-3352.	2.8	32
30	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
31	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
32	High temperature magnetic order in zinc sulfide doped with copper. <i>Journal of Physics and Chemistry of Solids</i> , 2011, 72, 648-652.	1.9	25
33	Superconductivity and magnetism in Rb $\langle \text{http://www.w3.org/1998/Math/MathML } \langle \text{display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle x \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle \text{Fe} \langle \text{mml:math} \rangle \langle \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \hat{=} \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle y \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle \text{Se} \langle \text{mml:math} \rangle \langle \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle \rangle$; <i>Impa. Physical Review B</i> , 2012, 86, .	1.1	24
34	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
35	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
36	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

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37	Ultra-fast growth of the monocrystalline zinc oxide nanorods from the aqueous solution. <i>International Journal of Nanotechnology</i> , 2014, 11, 758.	0.1	22
38	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
39	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
40	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
41	Morphology and strain of self-assembled semipolar GaN quantum dots in (112̂ ⁻²) AlN. <i>Journal of Applied Physics</i> , 2010, 108, .	1.1	20
42	Epitaxial Zinc-Blende CdTe Antidots in Rock-Salt PbTe Semiconductor Thermoelectric Matrix. <i>Crystal Growth and Design</i> , 2011, 11, 4794-4801.	1.4	20
43	The growth kinetics of colloidal ZnO nanoparticles in alcohols. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 61, 197-205.	1.1	20
44	Growth conditions and structural properties of ZnMgO nanocolumns on Si(111). <i>Journal of Crystal Growth</i> , 2014, 408, 102-106.	0.7	20
45	Adsorption of the dye Remazol Red 198 (RR198) by O-carboxymethylchitosan-N-lauryl/ ³ -Fe ₂ O ₃ magnetic nanoparticles. <i>Arabian Journal of Chemistry</i> , 2019, 12, 3444-3453.	2.3	20
46	Measurement of dislocation core distribution by digital processing of high-resolution transmission electron microscopy micrographs: a new technique for studying defects. <i>Journal of Physics Condensed Matter</i> , 2000, 12, 10313-10318.	0.7	19
47	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
48	Properties of Pd ¹³ C films for hydrogen storage applications. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011, 8, 2527-2531.	0.8	19
49	On the binding energy of the ¹² C(g.s.) hypernucleus. <i>Nuclear Physics A</i> , 1988, 484, 520-524.	0.6	18
50	Self-organized MnAs quantum dots formed during annealing of GaMnAs under arsenic capping. <i>Applied Physics Letters</i> , 2005, 87, 263114.	1.5	18
51	Defect Free PbTe Nanowires Grown by Molecular Beam Epitaxy on GaAs(111)B Substrates. <i>Crystal Growth and Design</i> , 2010, 10, 109-113.	1.4	18
52	Impact of substrate temperature on magnetic properties of plasma-assisted molecular beam epitaxy grown (Ga,Mn)N. <i>Journal of Alloys and Compounds</i> , 2018, 747, 946-959.	2.8	18
53	Dual-acceptor doped p-n-ZnO:(As,Sb)/n-GaN heterojunctions grown by PA-MBE as a spectrum selective ultraviolet photodetector. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014, 211, 2072-2077.	0.8	17
54	Backscattering analysis of short period ZnO/MgO superlattices. <i>Surface and Coatings Technology</i> , 2018, 355, 45-49.	2.2	17

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55	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
56	Transmission electron microscopy studies of the Pd/C films obtained by physical and chemical vapor deposition. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 18556-18562.	3.8	16
57	Light- and environment-sensitive electrospun ZnO nanofibers. <i>RSC Advances</i> , 2013, 3, 5656.	1.7	16
58	Atomic layer deposited ZnO films implanted with Yb: The influence of Yb location on optical and electrical properties. <i>Thin Solid Films</i> , 2017, 643, 7-15.	0.8	16
59	X-ray absorption studies of Fe-based nanocrystalline alloys. <i>Journal of Alloys and Compounds</i> , 2001, 328, 57-63.	2.8	15
60	Growth and Structural Characterization of Zinc Blende HgS. <i>Physica Status Solidi (B): Basic Research</i> , 2002, 229, 73-77.	0.7	15
61	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
62	The source of room temperature ferromagnetism in granular GaMnAs layers with zinc blende clusters. <i>Physica Status Solidi - Rapid Research Letters</i> , 2011, 5, 62-64.	1.2	15
63	Properties of ZnO/ZnMgO nanostructures grown on r-plane Al ₂ O ₃ substrates by molecular beam epitaxy. <i>Journal of Alloys and Compounds</i> , 2015, 650, 256-261.	2.8	15
64	Role of heat accumulation in the multi-shot damage of silicon irradiated with femtosecond XUV pulses at a 1 MHz repetition rate. <i>Optics Express</i> , 2016, 24, 15468.	1.7	15
65	Amorphous FeCrNi/a-C:H coatings with self-organized nanotubular structure. <i>Scripta Materialia</i> , 2017, 136, 24-28.	2.6	15
66	Ultra-fast epitaxial growth of ZnO nano/microrods on a GaN substrate, using the microwave-assisted hydrothermal method. <i>Materials Chemistry and Physics</i> , 2018, 205, 16-22.	2.0	14
67	Potassium-Promoted Carbon-Based Iron Catalyst for Ammonia Synthesis. Effect of Fe Dispersion. <i>Catalysis Letters</i> , 2002, 81, 213-218.	1.4	12
68	Eugenia umbelliflora mediated reduction of silver nanoparticles incorporated into O-carboxymethylchitosan/y-Fe ₂ O ₃ : Synthesis, antimicrobial activity and toxicity. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 614-624.	3.6	12
69	Atomic force microscopy and transmission electron microscopy investigations of catalytic formed nanotubes in C ₆₀ /C ₇₀ +Ni layers. <i>Applied Surface Science</i> , 1999, 141, 350-356.	3.1	11
70	EXAFS analysis of grain boundaries in nanocrystalline Fe ₈₅ Zr ₇ B ₆ Cu ₂ alloys. <i>Journal of Alloys and Compounds</i> , 1999, 286, 103-107.	2.8	11
71	Electron emission from C ₆₀ /C ₇₀ +Pd films containing Pd nanocrystals. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2000, 18, 1064.	1.6	11
72	From fullerenes to carbon nanotubes by Ni catalysis. <i>Diamond and Related Materials</i> , 2000, 9, 901-905.	1.8	11

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73	Structure characterization and magnetic properties of oxide multilayers Nd _{0.67} Sr _{0.33} MnO ₃ /YBa ₂ Cu ₃ O ₇ . Physica C: Superconductivity and Its Applications, 2003, 387, 40-43.	0.6	11
74	Electron Doping of Ca ₄ Mn ₃ O ₁₀ Induced by Vanadium Substitution. Chemistry of Materials, 2005, 17, 4852-4857.	3.2	11
75	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
76	Short-Period CdO/MgO Superlattices as Cubic CdMgO Quasi-Alloys. Crystal Growth and Design, 2020, 20, 5466-5472.	1.4	11
77	Photoelectric work function studies of carbonaceous films containing Ni nanocrystals. Thin Solid Films, 2003, 423, 161-168.	0.8	10
78	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
79	Negative Hall coefficient of ultrathin niobium in Si/Nb/Si trilayers. Physical Review B, 2014, 90, .	1.1	10
80	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
81	Structural investigations of polytypes in Zn _{1-x} Mg _x Se by transmission electron microscopy and cathodoluminescence. Journal of Crystal Growth, 1998, 184-185, 1015-1020.	0.7	9
82	Formation of 4H and 8H polytypes in bulk Zn _{1-x} Mg _x Se crystals. Journal of Alloys and Compounds, 1999, 286, 224-235.	2.8	9
83	Fe:C60 bonds and structure analyzed by computational chemistry methods. Journal of Alloys and Compounds, 1999, 286, 297-301.	2.8	9
84	Morphology and electronic properties of carbon nanotubes grown with Fe catalyst. Journal of Materials Research, 2003, 18, 2451-2458.	1.2	9
85	Magnetic properties of nanogranular Co _x Cu _{1-x} structures. Journal of Alloys and Compounds, 2005, 392, 12-19.	2.8	9
86	Zn _{1-x} Mg _x Te nanowires grown by solid source molecular beam epitaxy. Nanotechnology, 2008, 19, 365606.	1.3	9
87	Structural and magnetic properties of the molecular beam epitaxy grown MnSb layers on GaAs substrates. Journal of Applied Physics, 2009, 106, .	1.1	9
88	Influence of the Si cap layer on the SiGe islands morphology. Micron, 2009, 40, 122-125.	1.1	9
89	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
90	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

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91	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
92	Characterisation of thin films containing Au and Pd nanoparticles by grazing-incidence X-ray diffraction and related methods. Journal of Alloys and Compounds, 2001, 328, 248-252.	2.8	8
93	Temperature-induced magnetic-anisotropy crossover in a Co/MgO/Co heterostructure. Journal of Applied Physics, 2009, 105, .	1.1	8
94	Nanoindentation of heterogeneous carbonaceous films containing Ni nano-crystals. Micron, 2009, 40, 94-98.	1.1	8
95	Structural and magnetic properties of nanoclusters in GaMnAs granular layers. Journal of Solid State Chemistry, 2011, 184, 1530-1539.	1.4	8
96	Tem and CL Investigations of Pd Nanograins Included in Carbonaceous Film. Solid State Phenomena, 2012, 186, 177-181.	0.3	8
97	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
98	Effect of microwave radiation on the adsorption of the dye Remazol Red 198 (RR198) by O-carboxymethylchitosan-N-lauryl/F ₂ O ₃ magnetic nanoparticles. Chemical Engineering Research and Design, 2016, 102, 392-402.	2.7	8
99	Adsorption of reactive red dye (RR-120) on nanoadsorbent O-carboxymethylchitosan/ ³ -Fe ₂ O ₃ : kinetic, equilibrium and factorial design studies. RSC Advances, 2016, 6, 35058-35070.	1.7	8
100	Preparation and properties of carbon-palladium multilayer for hydrogen detection. Vacuum, 2016, 128, 265-271.	1.6	8
101	Kesterite Inorganic-Organic Heterojunction for Solution Processable Solar Cells. Electrochimica Acta, 2016, 201, 78-85.	2.6	8
102	Structural Quality and Magnetotransport Properties of Epitaxial Layers of the (Ga,Mn)(Bi,As) Dilute Magnetic Semiconductor. Materials, 2020, 13, 5507.	1.3	8
103	Improved-sensitivity integral SQUID magnetometry of (Ga,Mn)N thin films in proximity to Mg-doped GaN. Journal of Alloys and Compounds, 2021, 868, 159119.	2.8	8
104	TEM characterization of MBE grown CdTe/ZnTe axial nanowires. Journal of Microscopy, 2010, 237, 337-340.	0.8	7
105	Devitrification of thin film Cu ⁶² Zr metallic glass via ultrashort pulsed laser annealing. Journal of Alloys and Compounds, 2021, 887, 161437.	2.8	7
106	Do We Understand Magnetic Properties of ZnMnO?. Acta Physica Polonica A, 2007, 112, 261-267.	0.2	7
107	The formation of fullerenes and nanotubules. Journal of Materials Research, 1993, 8, 118-122.	1.2	7
108	Studies of structural changes in layers annealed under oxidative conditions. Vacuum, 1997, 48, 357-361.	1.6	6

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109	Topography and structure of C60/C70+Ni film containing carbon nanotubes grown perpendicularly to the substrate. <i>Vacuum</i> , 1999, 54, 57-62.	1.6	6
110	Characterisation of cold electron emitting carbonaceous films containing Ni metallic nanocrystals. <i>Diamond and Related Materials</i> , 2002, 11, 809-812.	1.8	6
111	TEM determination of directions of (Ga,Mn)As nanowires grown by MBE on GaAs(001) substrates. <i>Journal of Microscopy</i> , 2009, 236, 115-118.	0.8	6
112	Magnetic properties of MnAs nanocrystals embedded in GaAs. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 2788-2791.	1.0	6
113	Structural and magnetic properties of GaAs:(Mn,Ga)As granular layers. <i>Physica Status Solidi (B): Basic Research</i> , 2011, 248, 1609-1614.	0.7	6
114	Magnetic anisotropy of La _{0.7} Sr _{0.3} MnO ₃ nanopowders. <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 335, 11-16.	1.0	6
115	Spin-current mediated exchange coupling in MgO-based magnetic tunnel junctions. <i>Physical Review B</i> , 2021, 103, .	1.1	6
116	Study of Spin Pumping through $\hat{\mu}$ Sn Thin Films. <i>Physica Status Solidi - Rapid Research Letters</i> , 2021, 15, 2100137.	1.2	6
117	Structure and Magnetic Characterization $\hat{\mu}$ BiFeO ₃ /YBa ₂ Cu ₃ O ₇ Bilayers. <i>Acta Physica Polonica A</i> , 2009, 115, 95-97.	0.2	6
118	Work function and electron emission from nanocrystalline Pd films. <i>Vacuum</i> , 2001, 63, 355-360.	1.6	5
119	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
120	Platinum Nanoelectrodes Embedded in an Insulating Alumina Matrix: An Innovative Approach. <i>Chemical Vapor Deposition</i> , 2005, 11, 187-190.	1.4	5
121	Structural Characterization of Doped Thick Gainnas Layers - Ambiguities and Challenges. <i>Journal of Electrical Engineering</i> , 2014, 65, 299-303.	0.4	5
122	Synthesis of Bulk Kesterite $\hat{\mu}$ A Prospective Photovoltaic Material. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 4730-4733.	1.0	5
123	TEM studies on thermally nanocrystallized vanadium-containing glassy analogs of LiFePO ₄ olivine. <i>Materials Characterization</i> , 2017, 127, 214-221.	1.9	5
124	Self-organized ZnMgO nanocolumns with ZnO/ZnMgO quantum wells on c-plane Al ₂ O ₃ substrates by MBE: Growth conditions and properties. <i>Journal of Alloys and Compounds</i> , 2018, 737, 748-751.	2.8	5
125	Photoluminescence Properties of ZnO and ZnCdO Nanowires. <i>Acta Physica Polonica A</i> , 2007, 112, 357-362.	0.2	5
126	Coexistence of 2H and 4H polytypes in Zn _{1-x} Mg _x Se observed by photo- and cathodoluminescence. <i>Solid State Communications</i> , 1998, 108, 367-370.	0.9	4

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127	Photoelectric work function determination for the nanostructural carbonaceous films. <i>Vacuum</i> , 2003, 70, 237-241.	1.6	4
128	Fabrication and properties of nanocrystalline ZnO thin films. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2012, 9, 1504-1506.	0.8	4
129	Formation of two-dimensionally confined superparamagnetic (Mn, Ga)As nanocrystals in high-temperature annealed (Ga, Mn)As/GaAs superlattices. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 196005.	0.7	4
130	Adsorption of CO on various M@Pt core-shell nanoparticles: Surface-enhanced infrared absorption and DFT studies. <i>Vibrational Spectroscopy</i> , 2014, 75, 11-18.	1.2	4
131	Anisotropy of strain relaxation in heterogeneous GaInNAs layers grown by AP-MOVPE. <i>Journal of Crystal Growth</i> , 2015, 430, 14-20.	0.7	4
132	Enhancement of luminescence of nanocrystalline TiO ₂ :Yb ³⁺ nanopowders due to co-doping with Nd ³⁺ ions. <i>Optical Materials</i> , 2015, 47, 361-365.	1.7	4
133	Interface Studies in HgTe/HgCdTe Quantum Wells. <i>Physica Status Solidi (B): Basic Research</i> , 2020, 257, 1900598.	0.7	4
134	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
135	Growth and Properties of ZnMnTe Nanowires. <i>Acta Physica Polonica A</i> , 2007, 112, 351-356.	0.2	4
136	Native Deep-Level Defects in MBE-Grown p-Type CdTe. <i>Acta Physica Polonica A</i> , 2011, 120, 946-949.	0.2	4
137	Preparation and Some Properties of Carbon Nanotubes. <i>Acta Physica Polonica A</i> , 1995, 87, 885-891.	0.2	4
138	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
139	Structural and magnetic study of Co/Gd multilayers deposited on Si and Si-N substrates. <i>Journal Physics D: Applied Physics</i> , 2001, 34, A208-A213.	1.3	3
140	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
141	ZnSe/CdSe Superlattice Nanowires by Catalyst-assisted Molecular Beam Epitaxy. <i>AIP Conference Proceedings</i> , 2007, , .	0.3	3
142	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
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