Wd Dobrowolski

List of Publications by Year
in descending order

236	2,506	218381	344852
papers	citations	26 h-index	36 g-index

240	240	240	1907
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Location of the Fe2+(3d6) donor in the band structure of mixed crystals Hg1-vCdvSe. Journal of Physics C: Solid State Physics, 1986, 19, 3605-3613.	1.5	82
2	Ferromagnetic transition in EuS-PbS multilayers. Physical Review B, 1999, 60, 15220-15229.	1.1	66
3	Spectroscopic, mechanical and magnetic characterization of some bismuth borate glasses containing gadolinium ions. Solid State Sciences, 2010, 12, 1426-1434.	1.5	56
4	Chapter 4 Diluted magnetic semiconductors. Handbook of Magnetic Materials, 1993, 7, 231-305.	0.6	53
5	Nearest neighbor exchange constants in Hg1â^'xMnxTe, Hg1â^'xMnxSe and other semimagnetic semiconductors. Journal of Magnetism and Magnetic Materials, 1988, 72, 174-180.	1.0	51
6	Photoluminescence study and structural characterization of p-type ZnO doped by N and/or As acceptors. Semiconductor Science and Technology, 2007, 22, 10-14.	1.0	49
7	New Mechanism off-fExchange Interactions Controlled by Fermi Level Position. Physical Review Letters, 1996, 77, 3447-3450.	2.9	48
8	Transparent p-type ZnO films obtained by oxidation of sputter-deposited Zn3N2. Solid State Communications, 2005, 135, 11-15.	0.9	47
9	Band structure of HgSe and mixed crystals Hg1-xCdxSe and HgSxSe1-xfrom the interband magnetoabsorption. Journal of Physics C: Solid State Physics, 1982, 15, 3293-3318.	1.5	42
10	Temperature study of interband Î“6â†'Î“8 magnetoabsorption in HgSe. Solid State Communications, 1980, 34, 441-445.	0.9	41
11	Effect of Mn interstitials on the lattice parameter of Ga1â^'xMnxAs. Journal of Applied Physics, 2004, 95, 603-608.	1.1	40
12	Raman Scattering from ZnO(Fe) Nanoparticles. Acta Physica Polonica A, 2008, 114, 1323-1328.	0.2	38
13	Temperature study of interband magnetoabsorption in Hg1-xMnxTe mixed crystals. Journal of Physics C: Solid State Physics, 1981, 14, 5689-5706.	1.5	37
14	p-type conducting ZnO: fabrication and characterisation. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 1119-1124.	0.8	36
15	Raman study of surface optical phonons in ZnO(Mn) nanoparticles. Journal of Alloys and Compounds, 2014, 585, 214-219.	2.8	35
16	Raman scattering from ZnO incorporating Fe nanoparticles: Vibrational modes and low-frequency acoustic modes. Journal of Alloys and Compounds, 2010, 507, 386-390.	2.8	34
17	Spectroscopic analysis and magnetic susceptibility of CuOâ€"TeO2â€"V2O5 glasses. Journal of Magnetism and Magnetic Materials, 2009, 321, 4039-4044.	1.0	33
18	Carrier induced ferromagnetism in epitaxial Sn1â^'Mn Te layers. Journal of Magnetism and Magnetic Materials, 2002, 248, 134-141.	1.0	32

#	Article	IF	Citations
19	IIâ€“VI and IVâ€“VI Diluted Magnetic Semiconductors â€“ New Bulk Materials and Low-Dimensional Quantum Structures. Handbook of Magnetic Materials, 2003, 15, 289-377.	0.6	32
20	Correlation of donor electrons in diluted magnetic semiconductors with iron. Semiconductor Science and Technology, 1990, 5, S260-S265.	1.0	30
21	Structural and magnetic properties ofLa1â^'xPrxMnO3+Î´(0â©½xâ©½1.0). Physical Review B, 2006, 74, .	1.1	30
22	Transport and Magnetic Properties of PbTe:Cr and PbSnTe:Cr. Acta Physica Polonica A, 1992, 82, 879-881.	0.2	30
23	Magnetization of Pb1â^'xMnxS. Solid State Communications, 1985, 55, 249-252.	0.9	29
24	Magnetoresistance of a semiconducting magnetic wire with a domain wall. Physical Review B, 2005, 71, .	1.1	29
25	Magnetism and magnetotransport of strongly disordered Zn1â^'xMnxGeAs2 semiconductor: The role of nanoscale magnetic clusters. Journal of Applied Physics, 2010, 108, 073925.	1.1	28
26	Giant negative magnetoresistance effect in PbTe(Yb,Mn). Physical Review B, 2000, 61, R14889-R14892.	1.1	26
27	Neutron irradiation damage effect on superconducting and normal state properties of the YBa2Cu3O7 system. Physica C: Superconductivity and Its Applications, 1988, 153-155, 345-346.	0.6	25
28	Localisation and the quantum Hall effect in Hg1-xFexSe. Journal of Physics C: Solid State Physics, 1988, 21, 5393-5401.	1.5	25
29	Canted spin structure in clusters of the (La0.7Ca0.3)1â^'xMn1+xO3 perovskites. Journal of Magnetism and Magnetic Materials, 2002, 246, 40-53.	1.0	25
30	Colossal linear magnetoresistance in a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si17.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mstyle mathvariant="normal"><mml:mi>CdGeAs</mml:mi></mml:mstyle></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></m	0.9	24
31	Resonant State of 4f^{14/13}Yb Ion in Pb_{1-x}Ge_xTe. Acta Physica Polonica A, 1996, 90, 801-804.	0.2	24
32	Magnetic contribution to the specific heat ofPb1â^'xMnxTe. Physical Review B, 2002, 65, .	1.1	23
33	Magnetic interactions in spin-glasslike<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Ge</mml:mtext></mml:mrow><mml:mrow><mml:mn>1	1.1	23
34	The influence of hydrostatic pressure on the formation of a donor superlattice in HgSe:Fe. Semiconductor Science and Technology, 1989, 4, 293-295.	1.0	22
35	Surface optical phonons in ZnO(Co) nanoparticles: Raman study. Journal of Alloys and Compounds, 2012, 540, 49-56.	2.8	22
36	Determination of temperature dependence of energy gap in HgTe by oscillatory magnetotransmission measurements. Solid State Communications, 1978, 27, 1233-1235.	0.9	21

#	ARTICLE	IF	CITATIONS
37	Magnetic properties of Fe doped SiC crystals. Physica Status Solidi (B): Basic Research, 2007, 244, 1743-1746.	0.7	20
38	Spin-glasslike behavior in rhombohedral (Ge,Mn)Teâ€“(Sn,Mn)Te mixed crystal. Journal of Applied Physics, 2009, 105, .	1.1	20
39	Structural and the optical dispersion parameters of nano-CdTe thin film/flexible substrate. Materials Science in Semiconductor Processing, 2014, 19, 107-113.	1.9	20
40	Synthesis by Wet Chemical Method and Characterization of Nanocrystalline ZnO Doped with Fe₂O₃. Acta Physica Polonica A, 2008, 113, 1695-1700.	0.2	20
41	Electron Paramagnetic Resonance of Cr in PbTe. Acta Physica Polonica A, 1993, 84, 773-775.	0.2	20
42	Magnetothermoelectric properties of the degenerate semiconductor HgSe:Fe. Physical Review B, 1996, 54, 10565-10574.	1.1	19
43	Comment on â€œHgSe: Metal or Semiconductor?â€. Physical Review Letters, 1998, 81, 1535-1535.	2.9	18
44	Interaction between magnetic layers in structures with narrow-gap IVâ€“VI semiconductors. Solid State Communications, 1999, 110, 351-355.	0.9	18
45	Dynamic magnetic properties of ZnO nanocrystals incorporating Fe. Journal of Alloys and Compounds, 2011, 509, 3756-3759.	2.8	18
46	Photoluminescence of highly doped Cd1âˆ’xMnxS nanocrystals. Journal of Alloys and Compounds, 2010, 497, 46-51.	2.8	16
47	Phase equilibria in the ZnGeAs2â€“CdGeAs2 system. Journal of Alloys and Compounds, 2014, 599, 121-126.	2.8	16
48	Composites based on self-assembled MnAs ferromagnet nanoclusters embedded in ZnSnAs2 semiconductor. Journal of Alloys and Compounds, 2015, 650, 277-284.	2.8	16
49	IV-VI ferromagnetic semiconductors recent studies. Science of Sintering, 2006, 38, 109-116.	0.5	16
50	Shubnikovâ€de Haas Oscillations in Cd_vHg_{1âˆ’v}Se. Physica Status Solidi (B): Basic Research, 1974, 61, 267-276.	0.7	15
51	Thermo-oscillations of magnetoresistance in Hg1-xMnxTe. Solid State Communications, 1979, 30, 25-29.	0.9	15
52	Anisotropy of Spin Splitting and the Band Structure Parameters of HgSe from Shubnikovâ€Đe Haas Experiments. Physica Status Solidi (B): Basic Research, 1980, 98, 97-104.	0.7	15
53	Properties of epitaxially grown CdTe layers doped with indium. Thin Solid Films, 1995, 267, 79-83.	0.8	15
54	Anomalies of magnetic properties of layered crystals InSe containing Mn. Materials Science and Engineering C, 2007, 27, 1052-1055.	3.8	15

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55	Magnetic interactions in Ge1â^'xCrxTe semimagnetic semiconductors. Journal of Applied Physics, 2012, 112, .	1.1	15
56	Optical constants and magnetic susceptibility of xLa2O3â€“30PbOâ€“(70 â^'x) B2O3 glasses. Journal of Non-Crystalline Solids, 2013, 375, 69-73.	1.5	15
57	Transport and Magnetic Properties of Low Temperature Annealed Ga_{1-x}Mn_xAs. Acta Physica Polonica A, 2002, 102, 659-665.	0.2	15
58	Transition metals in ZnO nanocrystals: Magnetic and structural properties. Science of Sintering, 2013, 45, 31-48.	0.5	15
59	Peculiarities of transport properties in semiconductors with resonant impurities: HgSe : Fe versus PbTe : Cr. Journal of Crystal Growth, 1994, 138, 1034-1039.	0.7	14
60	Solid-state Aharonov-Bohm effect at dislocations in semiconductors. Philosophical Magazine Letters, 1998, 77, 221-227.	0.5	14
61	Ferromagnetic states in theIn1â^'xMnxSelayered crystal. Physical Review B, 2005, 71, .	1.1	14
62	Anomalous Hall effect in IVâ€“VI semimagnetic semiconductors. Journal of Alloys and Compounds, 2006, 423, 205-207.	2.8	14
63	Optical properties of CdTe/ZnTe self-assembled quantum dots: Raman and photoluminescence spectroscopy. Journal of Alloys and Compounds, 2013, 579, 330-335.	2.8	14
64	Low-dilution limit of Zn1â^'xMnxGeAs2: Electrical and magnetic properties. Journal of Applied Physics, 2013, 114, .	1.1	14
65	Negative magnetoresistance and anomalous Hall effect in GeMnTe-SnMnTe spin-glass-like system. Journal of Applied Physics, 2013, 113, 063702.	1.1	14
66	Raman study of surface optical phonons in hydrothermally obtained ZnO(Mn) nanoparticles. Optical Materials, 2016, 58, 317-322.	1.7	14
67	Effective Mass of Conduction Band Electrons in Hg^{1â^'x}Mn^xTe from Shubnikovâ€de Haas Oscillations. Physica Status Solidi (B): Basic Research, 1980, 102, 195-200.	0.7	13
68	"Spin-Doping," a New Tool in Electronic Band Structure Investigation. Physical Review Letters, 1981, 47, 541-543.	2.9	13
69	Magnetic properties of the high Tc superconductor YBa2Cu3O7â^'Î´. Physics Letters, Section A: General, Atomic and Solid State Physics, 1987, 124, 460-462.	0.9	13
70	Homogeneous limit of Cd1â^'xMnxGeAs2 alloy: Electrical and magnetic properties. Journal of Applied Physics, 2014, 115, 133917.	1.1	13
71	Magnetic, optical and electrical characterization of SiC doped with scandium during the PVT growth. Journal of Crystal Growth, 2015, 413, 86-93.	0.7	13
72	Millikelvin studies of mixed-valence HgSe:Fe. Journal of Low Temperature Physics, 1990, 80, 15-29.	0.6	12

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73	Native vacancy defects in Zn1â^'x(Mn,Co)xGeAs2 studied with positron annihilation spectroscopy. Journal of Applied Physics, 2009, 106, 013524.	1.1	12
74	Laser power influence on Raman spectra of ZnO(Co) nanoparticles. Journal of Physics and Chemistry of Solids, 2016, 91, 80-85.	1.9	12
75	AC Magnetic Susceptibility Studies of Ge_{1-x-y}Sn_xMn_yTe Mixed Crystals. Acta Physica Polonica A, 2008, 114, 1145-1150.	0.2	12
76	Zn_{1-x}(Mn,Co)_xGeAs₂Ferromagnetic Semiconductor: Magnetic and Transport Properties. Acta Physica Polonica A, 2008, 114, 1151-1157.	0.2	12
77	Magnetic Properties of "As-Prepared" and Chemically Modified Multiwalled Carbon Nanotubes. Acta Physica Polonica A, 2011, 119, 597-599.	0.2	12
78	PbSe:Cr - New Resonant Donor System. Acta Physica Polonica A, 1995, 87, 229-232.	0.2	12
79	Preparation and characterization of hexagonal MnTe and ZnO layers. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 1218-1223.	0.8	11
80	Enhanced coercivity of asâ€prepared and chemically modified multiwalled carbon nanotubes. Physica Status Solidi (A) Applications and Materials Science, 2011, 208, 1787-1790.	0.8	11
81	Magnetic properties of ZnO(Co) nanocrystals. Journal of Alloys and Compounds, 2013, 561, 247-251.	2.8	11
82	Magnetic Properties of Sn_{1-x}Cr_xTe Diluted Magnetic Semiconductors. Acta Physica Polonica A, 2013, 124, 881-884.	0.2	11
83	Influence of Fe doping on magnetic properties of ZrO2 nanocrystals. Journal of Alloys and Compounds, 2015, 632, 609-616.	2.8	11
84	Optical properties of layered IIIâ€“VI semiconductor Î³-InSe:M (M=Mn, Fe, Co, Ni). Journal of Physics and Chemistry of Solids, 2016, 89, 120-127.	1.9	11
85	Phase diagram of the ZnSiAs2â€“MnAs system. Journal of Crystal Growth, 2017, 468, 683-687.	0.7	11
86	Fermi Level Position in GaMnAs - a Thermoelectric Study. Acta Physica Polonica A, 2001, 100, 327-334.	0.2	11
87	p-type ZnO and ZnMnO by oxidation of Zn(Mn)Te films. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 988-991.	0.8	10
88	Cluster altered magnetic and transport properties in Ge1â^'xâ^'yMnxEuyTe. Journal of Applied Physics, 2014, 116, 083904.	1.1	10
89	Magnetoresistance control in granular Zn1-x-y CdxMnyGeAs2 nanocomposite ferromagnetic semiconductors. Journal of Applied Physics, 2015, 118, .	1.1	10
90	Influence of SOP modes on Raman spectra of ZnO(Fe) nanoparticles. Optical Materials, 2015, 42, 118-123.	1.7	10

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91	Surface optical phonon â€“ Plasmon interaction in nanodimensional CdTe thin films. Physica E: Low-Dimensional Systems and Nanostructures, 2018, 104, 64-70.	1.3	10
92	Spinodal Decomposition of Magnetic Ions in Eu-Codoped Ge_{1-x}Cr_xTe. Acta Physica Polonica A, 2012, 122, 1012-1015.	0.2	10
93	Raman study of surface optical phonons in ZnO(Co) nanoparticles prepared by hydrothermal method. Hemijska Industrija, 2013, 67, 695-701.	0.3	10
94	Spin split quantum oscillations of thermoelectric power in HgSe. Solid State Communications, 1976, 20, 1133-1135.	0.9	9
95	Low Temperature Annealing Studies of Ga1â^'x Mn x As. Journal of Superconductivity and Novel Magnetism, 2003, 16, 63-66.	0.5	9
96	Anomalous Hall Effect in Sn1â^'xâ^'y Mn x Eu y Te and Sn1â^'xâ^'y Mn x Er y Te Mixed Crystals. Journal of Superconductivity and Novel Magnetism, 2003, 16, 289-291.	0.5	9
97	Influence of laserâ€induced heating on MnO nanoparticles. Journal of Raman Spectroscopy, 2018, 49, 817-821.	1.2	9
98	Structural and optical properties of ZnOâ€“Al2O3 nanopowders prepared by chemical methods. Journal of Luminescence, 2020, 224, 117273.	1.5	9
99	Magnetic Properties of EuS/PbS Semiconducting Structures. Acta Physica Polonica A, 1997, 92, 985-988.	0.2	9
100	Weak ferromagnetism in InSe:Mn layered crystals. Semiconductors, 2005, 39, 772-776.	0.2	8
101	Lattice distortion effect on structure and on spin ordering of Mn ions inLa1â^'xNdxMnO3+Î´manganites. Physical Review B, 2008, 77, .	1.1	8
102	Paramagnetic regime in Zn_{1â^'x}Mn_xGeAs₂ diluted magnetic semiconductor. Physica Status Solidi (B): Basic Research, 2011, 248, 1601-1604.	0.7	8
103	Advanced Materials for Spintronic Based on ${m Zn}({m Si,Ge}){m As}_{2}$ Chalcopyrites. IEEE Transactions on Magnetics, 2012, 48, 1581-1584.	1.2	8
104	Transport and Magnetic Properties of Pb_{1-x}Mn_xTe Doped with Cr and Mo. Acta Physica Polonica A, 2004, 106, 223-231.	0.2	8
105	Transport and Magnetic Study of Gd Ions in Pb1-ySnyTe. Acta Physica Polonica A, 1997, 92, 997-1000.	0.2	8
106	The Density of States Function for Small Gap Semiconductors under the Influence of Magnetic Fields. Physica Status Solidi (B): Basic Research, 1975, 70, K63.	0.7	7
107	Hg1-xMnxSe:Fe in high magnetic fields. Semiconductor Science and Technology, 1990, 5, S274-S276.	1.0	7
108	IIâ€“VI Semiconductors Doped with Transition Metals Other Than Mn. Physica Scripta, 1991, T39, 119-123.	1.2	7

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109	Magnetic properties of nanocrystalline ZnO doped with MnO and CoO. Journal of Physics: Conference Series, 2010, 200, 072058.	0.3	7
110	Optical properties and plasmon â€“ Two different phonons coupling in ZnGeAs2+ Mn. Journal of Alloys and Compounds, 2013, 548, 33-37.	2.8	7
111	Magnetic properties of Ge1âˆ’xâˆ’yPbxMnyTe cluster-glass system. Journal of Alloys and Compounds, 2015, 649, 142-150.	2.8	7
112	Phonon properties of <scp>ZnSnSb₂</scp>Â+Â<scp>Mn</scp> semiconductors: Raman spectroscopy. Journal of Raman Spectroscopy, 2018, 49, 1678-1685.	1.2	7
113	Peculiarities of Electron Transport in PbTe:Cr due to Presence of Resonant Impurity State. Acta Physica Polonica A, 1993, 84, 599-603.	0.2	7
114	Magnetism of HgSe:Fe. Physical Review B, 1996, 54, 15258-15265.	1.1	6
115	Megagauss magnetospectroscopy of EuS/PbS multi-quantum wells. Physical Review B, 2000, 62, 16798-16801.	1.1	6
116	Magneto-conductance through submicron constriction in ferromagnetic (Ga,Mn)As film. Journal of Alloys and Compounds, 2006, 423, 252-255.	2.8	6
117	Application of self-organization methods to current-induced magnetization dynamics of a single-domain ferromagnet. Journal of Applied Physics, 2007, 101, 034504.	1.1	6
118	Far-infrared spectroscopy of Zn1âˆ’xMnxGeAs2 single crystals: Plasma damping influence on plasmon â€“ Phonon interaction. Journal of Alloys and Compounds, 2015, 649, 375-379.	2.8	6
119	Adjusting the Magnetic Properties of ZrO2:Mn Nanocrystals by Changing Hydrothermal Synthesis Conditions. Magnetochemistry, 2018, 4, 28.	1.0	6
120	Magnetic Properties of Some Tellurite Glasses. Journal of Superconductivity and Novel Magnetism, 2018, 31, 3079-3084.	0.8	6
121	The Role of Frustration in Magnetism of Ge_{1-x}Cr_xTe Semimagnetic Semiconductor. Acta Physica Polonica A, 2011, 119, 654-656.	0.2	6
122	HgSe Based Mixed Crystals Doped with Fe Resonant Donors. Acta Physica Polonica A, 1996, 89, 3-36.	0.2	6
123	Fe-based semimagnetic semiconductors with two anions. Physical Review B, 1996, 53, 10732-10739.	1.1	5
124	Level quantization in the narrow-gap-semiconductor quantum well in a parallel magnetic field. Physical Review B, 2000, 62, 1905-1911.	1.1	5
125	Domain-wall contribution to magnetoresistance of a ferromagnetic (Ga,Mn)As layer. Physica Status Solidi (A) Applications and Materials Science, 2007, 204, 472-476.	0.8	5
126	MnTe and ZnTe grown on sapphire by molecular beam epitaxy. Thin Solid Films, 2008, 516, 4813-4818.	0.8	5

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127	Magnetoresistance near the ferromagnetic-paramagnetic phase transition in magnetic semiconductors. Applied Physics Letters, 2008, 93, 042113.	1.5	5
128	Electronic structure of bulk ferromagnetic Ge0.86Mn0.14Te. Radiation Physics and Chemistry, 2009, 78, S17-S21.	1.4	5
129	Far-infrared spectroscopy of CdTe 1 â˜' x Se x (In): Phonon properties. Infrared Physics and Technology, 2014, 67, 323-326.	1.3	5
130	MÃ¶ssbauer Effect Study of Superparamagnetic Behavior of ZnFe 2 O 4 Nanoparticles Formed in ZnO Doped with Fe 2 O 3. Physica Status Solidi (B): Basic Research, 2019, 256, 1800223.	0.7	5
131	Optical and Magnetic Properties of PbTe(Ni). Acta Physica Polonica A, 2009, 115, 805-807.	0.2	5
132	Nanocrystalline ZnO Doped with Fe2O3- Magnetic and Structural Properties. Acta Physica Polonica A, 2011, 119, 689-691.	0.2	5
133	Electrical, Magnetic, and Structural Properties of Sn_{1-x}Mn_xTe Layers Grown by Molecular Beam Epitaxy. Acta Physica Polonica A, 1998, 94, 449-453.	0.2	5
134	Thermoelectric studies of electronic properties of ferromagnetic GaMnAs layers. Semiconductor Physics, Quantum Electronics and Optoelectronics, 2008, 11, 257-265.	0.3	5
135	Magnetooptical investigation of Hg1â˜'xCdxSe mixed crystals. Solid State Communications, 1981, 38, 1061-1065.	0.9	4
136	Quantum interference of electrons transmitted throughout a double-barrier resonant tunnelling structure under a perpendicular magnetic field. Semiconductor Science and Technology, 1997, 12, 86-90.	1.0	4
137	Mechanism of Ferromagnetism in Diluted Magnetic Semiconductors at Low Carrier Density. Journal of Superconductivity and Novel Magnetism, 2003, 16, 67-70.	0.5	4
138	Novel Ferromagnetic Mn-Doped ZnSiAs₂ Chalcopyrite with Curie Point Exceeded Room Temperature. Solid State Phenomena, 2009, 152-153, 311-314.	0.3	4
139	Anomalous Hall Effect in Ge1-x-yPbxMnyTe Composite System. Acta Physica Polonica A, 2014, 126, 1180-1183.	0.2	4
140	Magnetic Order and Magnetic Inhomogeneities in SnCrTe-PbCrTe Solid Solutions. Acta Physica Polonica A, 2014, 126, 1203-1206.	0.2	4
141	Raman spectra of ZnGeAs 2 highly doped with Mn. Materials Research Bulletin, 2014, 59, 300-304.	2.7	4
142	Composite Zn_{1â˜'x}Cd_xGeAs₂semiconductors: structural and electrical properties. Journal of Physics Condensed Matter, 2016, 28, 495802.	0.7	4
143	Defects in Cd1â˜'xMnxGeAs2 lattice. Journal of Alloys and Compounds, 2016, 688, 56-61.	2.8	4
144	Anomalous Hall effect and magnetoresistance in Ge 1â˜'xâ˜'y Pb x Mn y Te cluster-glass system. Journal of Alloys and Compounds, 2016, 658, 265-271.	2.8	4

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145	Superparamagnetic and ferrimagnetic behavior of nanocrystalline ZnO(MnO). Physica E: Low-Dimensional Systems and Nanostructures, 2018, 98, 10-16.	1.3	4
146	Anomalous Hall Effect in IV-VI Semiconductors. Acta Physica Polonica A, 2009, 115, 287-289.	0.2	4
147	Low-Frequency Raman Scattering from ZnO(Fe) Nanoparticles. Acta Physica Polonica A, 2009, 116, 65-67.	0.2	4
148	Indium Doping of CdTe Grown by Molecular Beam Epitaxy. Acta Physica Polonica A, 1995, 87, 241-244.	0.2	4
149	Magnetic Anisotropy in Eus-pbs Multilayers. Acta Physica Polonica A, 2000, 97, 435-438.	0.2	4
150	Surface Recombination and Space-Charge-Limited Photocurrent-Voltage (PC-V) Measurements in (Cd,Mn)Te Samplesâ€“Kinetics of Photocurrent (PC). Sensors, 2022, 22, 2941.	2.1	4
151	Shubnikov-de haas effect under hydrostatic pressure in HgSe:Fe. Journal of Crystal Growth, 1990, 101, 869-871.	0.7	3
152	Non-resonant optical spectroscopy on Hg(Fe)Se. Physica B: Condensed Matter, 1992, 177, 441-445.	1.3	3
153	Transport properties ofHg1â^'xZnxSe andHg1â^'xMnxSe doped with Fe resonant donors. Physical Review B, 1993, 48, 17848-17860.	1.1	3
154	Oscillatory and magneto-oscillatory structure of the tunnel current in double-barrier heterostructures. Solid State Communications, 1995, 94, 93-98.	0.9	3
155	Quantum effects associated with misfit dislocations in GaAs-based heterostructures. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2002, 91-92, 367-370.	1.7	3
156	ZnO and ZnO:Mn crystals obtained with the chemical vapour transport method. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 884-887.	0.8	3
157	Effect of elastic stresses on the thermoelectric properties of Pb1â^'x GexTe epitaxial layers. Physics of the Solid State, 2006, 48, 1342-1345.	0.2	3
158	Magnetic Properties of Ge1â^'xâ^'yMnxEuyTe Mixed Crystals. AIP Conference Proceedings, 2007, , .	0.3	3
159	Xâ€ray powder diffraction study of chalcopyriteâ€type Cd_{1â€‰â^'â€‰x}Mn_xGeAs₂ crystals. X-Ray Spectrometry, 2015, 44, 404-409.	0.5	3
160	Magnetic and magnetotransport properties of Sn 1 â^' x â^' y Cr x Eu y Te crystals: The role of magnetic inhomogeneities. Journal of Alloys and Compounds, 2016, 658, 931-938.	2.8	3
161	Magnetotransport through Nanoconstriction in Ferromagnetic Semiconductor (Ga,Mn)As. Acta Physica Polonica A, 2003, 103, 525-531.	0.2	3
162	Ferromagnetism of Narrow-Gap Ge1-x-ySnxMnyTe and Layered In1-xMnxSe Semiconductors. Acta Physica Polonica A, 2008, 114, 1219-1227.	0.2	3

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163	Diluted magnetic layered semiconductor InSe:Mn with high Curie temperature. Semiconductor Physics, Quantum Electronics and Optoelectronics, 2011, 14, 263-268.	0.3	3
164	Iron doping: a tool to improve the electrical properties of Hg1-xZnxSe. Semiconductor Science and Technology, 1993, 8, S33-S36.	1.0	2
165	NEGATIVE MAGNETORESISTANCE IN PbTe(Mn,Cr). International Journal of Modern Physics B, 2002, 16, 3343-3346.	1.0	2
166	Effect of annealing on magnetic and magnetotransport properties of Ga1â^'Mn As epilayers. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1575-E1577.	1.0	2
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