Elzbieta Guziewicz

List of Publications by Year
in descending order

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207	3,363	159585	189892
papers	citations	30 h-index	50 g-index

209	209	209	3235
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Extremely low temperature growth of ZnO by atomic layer deposition. Journal of Applied Physics, 2008, 103, .	2.5	223
2	ALD grown zinc oxide with controllable electrical properties. Semiconductor Science and Technology, 2012, 27, 074011.	2.0	134
3	ZnO grown by atomic layer deposition: A material for transparent electronics and organic heterojunctions. Journal of Applied Physics, 2009, 105, .	2.5	114
4	Electrical behavior of zinc oxide layers grown by low temperature atomic layer deposition. Applied Physics Letters, 2008, 92, .	3.3	108
5	Aluminum-doped zinc oxide films grown by atomic layer deposition for transparent electrode applications. Journal of Materials Science: Materials in Electronics, 2011, 22, 1810-1815.	2.2	98
6	Photoemission and the Electronic Structure ofPuCoGa5. Physical Review Letters, 2003, 91, 176401.	7.8	94
7	ZnO layers grown by Atomic Layer Deposition: A new material for transparent conductive oxide. Thin Solid Films, 2009, 518, 1145-1148.	1.8	88
8	Controlling of preferential growth mode of ZnO thin films grown by atomic layer deposition. Journal of Crystal Growth, 2008, 310, 284-289.	1.5	78
9	Photoemission of surface oxides and hydrides of delta plutonium. Surface Science, 2004, 571, 74-82.	1.9	76
10	Zinc oxide for electronic, photovoltaic and optoelectronic applications. Low Temperature Physics, 2011, 37, 235-240.	0.6	73
11	Poly(3-hexylthiophene)/ZnO hybrid pn junctions for microelectronics applications. Applied Physics Letters, 2009, 94, .	3.3	71
12	Dispersion in the Mott insulator UO₂: A comparison of photoemission spectroscopy and screened hybrid density functional theory. Journal of Computational Chemistry, 2008, 29, 2288-2294.	3.3	65
13	Transparent and conductive undoped zinc oxide thin films grown by atomic layer deposition. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 1568-1571.	1.8	56
14	Electronic structure of actinide antimonides and tellurides from photoelectron spectroscopy. Physical Review B, 2004, 70, .	3.2	55
15	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.	1.5	54
16	The influence of growth temperature and precursorsâ€™ doses on electrical parameters of ZnO thin films grown by atomic layer deposition technique. Microelectronics Journal, 2009, 40, 293-295.	2.0	50
17	Atomic layer deposition grown composite dielectric oxides and ZnO for transparent electronic applications. Thin Solid Films, 2012, 520, 4694-4697.	1.8	46
18	New selector based on zinc oxide grown by low temperature atomic layer deposition for vertically stacked non-volatile memory devices. Microelectronic Engineering, 2008, 85, 2442-2444.	2.4	45

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19	Nonlocal resistance and its fluctuations in microstructures of band-inverted HgTe/(Hg,Cd)Te quantum wells. Physical Review B, 2013, 88, .	3.2	45
20	Photoluminescence, electrical and structural properties of ZnO films, grown by ALD at low temperature. Semiconductor Science and Technology, 2009, 24, 105014.	2.0	43
21	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, .	3.2	43
22	Atomic layer deposition of thin films of ZnSeâ€"structural and optical characterization. Thin Solid Films, 2004, 446, 172-177.	1.8	42
23	ZnO films grown by atomic layer deposition for organic electronics. Semiconductor Science and Technology, 2012, 27, 074006.	2.0	41
24	Angle-resolved photoemission study ofUSb2:â€ƒThe5fband structure. Physical Review B, 2004, 69, .	3.2	39
25	Magnetic properties of ZnMnO films grown at low temperature by atomic layer deposition. Applied Physics Letters, 2006, 89, 051907.	3.3	38
26	The uniformity of Al distribution in aluminum-doped zinc oxide films grown by atomic layer deposition. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2011, 176, 237-241.	3.5	38
27	Vertically stacked non-volatile memory devices â€“ material considerations. Microelectronic Engineering, 2008, 85, 2434-2438.	2.4	37
28	Origin of white color light emission in ALE-grown ZnSe. Journal of Luminescence, 2003, 102-103, 455-459.	3.1	36
29	Monocrystalline zinc oxide films grown by atomic layer deposition. Thin Solid Films, 2010, 518, 4556-4559.	1.8	35
30	Low temperature growth of ZnMnO: A way to avoid inclusions of foreign phases and spinodal decomposition. Applied Physics Letters, 2007, 90, 082502.	3.3	33
31	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.	8.0	32
32	Optical properties of manganese doped wide band gap ZnS and ZnO. Optical Materials, 2009, 31, 1768-1771.	3.6	30
33	Direct Observation of Itinerant Magnetism in the5f-Electron System UTe. Physical Review Letters, 2004, 93, 267205.	7.8	29
34	ZnTeâ€"ZnO coreâ€"shell radial heterostructures grown by the combination of molecular beam epitaxy and atomic layer deposition. Nanotechnology, 2010, 21, 015302.	2.6	28
35	Highly efficient SERS-based detection of cerebrospinal fluid neopterin as a diagnostic marker of bacterial infection. Analytical and Bioanalytical Chemistry, 2016, 408, 4319-4327.	3.7	28
36	Nitrogen doped p-type ZnO films and p-n homojunction. Semiconductor Science and Technology, 2015, 30, 015001.	2.0	27

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37	Al₂O₃/HfO₂ Multilayer Highâ€k Dielectric Stacks for Charge Trapping Flash Memories. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1700854.	1.8	27
38	Hafnium dioxide as a passivating layer and diffusive barrier in ZnO/Ag Schottky junctions obtained by atomic layer deposition. Applied Physics Letters, 2011, 98, .	3.3	26
39	Photovoltaic cells based on nickel phthalocyanine and zinc oxide formed by atomic layer deposition. Central European Journal of Physics, 2010, 8, 798-803.	0.3	25
40	The properties of tris (8-hydroxyquinoline) aluminum organic light emitting diode with undoped zinc oxide anode layer. Journal of Applied Physics, 2010, 108, 064518.	2.5	25
41	XPS study of arsenic doped ZnO grown by Atomic Layer Deposition. Journal of Alloys and Compounds, 2014, 582, 594-597.	5.5	25
42	Extra-Low Temperature Growth of ZnO by Atomic Layer Deposition with Diethylzinc Precursor. Acta Physica Polonica A, 2007, 112, 401-406.	0.5	25
43	Properties and Characterization of ALD Grown Dielectric Oxides for MIS Structures. Acta Physica Polonica A, 2011, 119, 692-695.	0.5	25
44	The photoluminescence response to structural changes of Yb implanted ZnO crystals subjected to non-equilibrium processing. Journal of Applied Physics, 2017, 121, .	2.5	23
45	ZnO, ZnMnO and ZnCoO films grown by atomic layer deposition. Semiconductor Science and Technology, 2012, 27, 074009.	2.0	22
46	Influence of oxygen-rich and zinc-rich conditions on donor and acceptor states and conductivity mechanism of ZnO films grown by ALDâ€"Experimental studies. Journal of Applied Physics, 2020, 127, .	2.5	22
47	Observation of a kink in the dispersion of f-electrons. Europhysics Letters, 2008, 84, 37003.	2.0	21
48	Zinc Oxide Grown by Atomic Layer Deposition: From Heavily nâ€Type to pâ€Type Material. Physica Status Solidi (B): Basic Research, 2020, 257, 1900472.	1.5	21
49	Growth by atomic layer epitaxy and characterization of thin films of ZnO. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 1125-1130.	0.8	20
50	Dual nature of the 5f electrons in plutonium materials. Physica B: Condensed Matter, 2006, 378-380, 920-924.	2.7	20
51	Dominant shallow donors in zinc oxide layers obtained by low-temperature atomic layer deposition: Electrical and optical investigations. Acta Materialia, 2014, 65, 69-75.	7.9	20
52	Diversity of contributions leading to the nominally nâ€“type behavior of ZnO films obtained by low temperature Atomic Layer Deposition. Journal of Alloys and Compounds, 2017, 727, 902-911.	5.5	19
53	Structural Properties of Thin ZnO Films Deposited by ALD under O-Rich and Zn-Rich Growth Conditions and Their Relationship with Electrical Parameters. Materials, 2021, 14, 4048.	2.9	19
54	ZnO by ALD - Advantages of the Material Grown at Low Temperature. Acta Physica Polonica A, 2009, 116, 814-817.	0.5	19

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55	Thin Films of Highâ€‹k Oxides and ZnO for Transparent Electronic Devices. Chemical Vapor Deposition, 2013, 19, 213-220.	1.3	18
56	Hole and electron trapping in HfO₂/Al₂O₃ nanolaminated stacks for emerging non-volatile flash memories. Nanotechnology, 2018, 29, 505206.	2.6	18
57	A comparison of hybrid density functional theory with photoemission of surface oxides of Î´-plutonium. Surface Science, 2006, 600, 1637-1640.	1.9	17
58	Zinc oxide grown by atomic layer deposition - a material for novel 3D electronics. Physica Status Solidi (B): Basic Research, 2010, 247, 1611-1615.	1.5	17
59	Hybrid Organic/ZnO p-n Junctions with n-Type ZnO Grown by Atomic Layer Deposition. Acta Physica Polonica A, 2008, 114, 1229-1234.	0.5	17
60	Color tuning of white light emission from thin films of ZnSe. Journal of Luminescence, 2007, 125, 85-91.	3.1	16
61	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.	1.8	16
62	Application of deposited by ALD HfO2 and Al2O3 layers in double-gate dielectric stacks for non-volatile semiconductor memory (NVSM) devices. Applied Surface Science, 2012, 258, 8366-8370.	6.1	15
63	Characterization of ZnO Films Grown at Low Temperature. Acta Physica Polonica A, 2008, 114, 1303-1310.	0.5	15
64	Effects related to deposition temperature of ZnCoO films grown by atomic layer deposition - uniformity of Co distribution, structural, optical, electrical and magnetic properties. Physica Status Solidi (B): Basic Research, 2010, 247, 1666-1670.	1.5	14
65	Electrical parameters of ZnO films and ZnO-based junctions obtained by atomic layer deposition. Semiconductor Science and Technology, 2011, 26, 085013.	2.0	14
66	Comparison of dimethylzinc and diethylzinc as precursors for monocrystalline zinc oxide grown by atomic layer deposition method. Physica Status Solidi (B): Basic Research, 2010, 247, 1699-1701.	1.5	13
67	Electronic structure of single crystal UPd3, UGe2, and USb2 from hard X-ray and angle-resolved photoelectron spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2011, 184, 517-524.	1.7	13
68	n-ZnO/p-4H-SiC diode: Structural, electrical, and photoresponse characteristics. Applied Physics Letters, 2015, 107, .	3.3	13
69	Photoluminescence investigation of the carrier recombination processes in N-doped and undoped ZnO ALD films grown at low temperature. Journal of Luminescence, 2018, 198, 68-76.	3.1	13
70	Puzzling magneto-optical properties of ZnMnO films. Optical Materials, 2010, 32, 680-684.	3.6	12
71	Role of interface in ferromagnetism of (Zn,Co)O films. Physica Status Solidi (B): Basic Research, 2011, 248, 1596-1600.	1.5	12
72	Atomic layer deposition of Zn1â^'x Mg x O:Al transparent conducting films. Journal of Materials Science, 2014, 49, 1512-1518.	3.7	12

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73	ZnO oxide films for ultrasensitive, rapid, and label-free detection of neopterin by surface-enhanced Raman spectroscopy. Analyst, The, 2015, 140, 5090-5098.	3.5	12
74	Monocrystalline thin films of ZnSe and ZnO grown by atomic layer epitaxy. Vacuum, 2004, 74, 269-272.	3.5	11
75	Electrical characteristics of multilayered HfO₂-Al₂O₃ charge trapping stacks deposited by ALD. Journal of Physics: Conference Series, 2016, 764, 012016.	0.4	11
76	Structural and optical studies of Pr implanted ZnO films subjected to a long-time or ultra-fast thermal annealing. Thin Solid Films, 2017, 643, 24-30.	1.8	11
77	Luminescence in the Visible Region from Annealed Thin ALDâ€ZnO Films Implanted with Different Rare Earth Ions. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1700889.	1.8	11
78	Rare earth 4f states in AIV1â^'xRExBVI diluted magnetic semiconductors. Journal of Alloys and Compounds, 1999, 286, 121-127.	5.5	10
79	Selected optical properties of core/shell ZnMnTe/ZnO nanowire structures. Physica Status Solidi (B): Basic Research, 2011, 248, 1592-1595.	1.5	10
80	Analysis of scattering mechanisms in zinc oxide films grown by the atomic layer deposition technique. Journal of Applied Physics, 2015, 118, 035706.	2.5	10
81	Stopping and straggling of H and He in ZnO. European Physical Journal D, 2016, 70, 1.	1.3	10
82	Correlations between the structural transformations and concentration quenching effect for RE-implanted ZnO systems. Applied Surface Science, 2020, 521, 146421.	6.1	10
83	Interaction between Sm and GaNâ€“â€“a photoemission study. Surface Science, 2004, 551, 132-142.	1.9	9
84	Electronic structure of layered uranium compounds from photoemission spectroscopy. Surface Science, 2006, 600, 1632-1636.	1.9	9
85	Unusual quasiparticle renormalizations from angle resolved photoemission on USb₂. Philosophical Magazine, 2009, 89, 1893-1911.	1.6	9
86	Long time stability of ITO/NiPc/ZnO/Al devices with ZnO buffer layer formed by atomic layer deposition techniqueâ€“impedance spectroscopy analysis. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 172, 272-275.	3.5	9
87	Trap levels in the atomic layer deposition-ZnO/GaN heterojunctionâ€”Thermal admittance spectroscopy studies. Journal of Applied Physics, 2013, 113, .	2.5	9
88	Thep-ZnO:N/i-Al₂O₃/n-GaN heterostructureâ€”electron beam induced profiling, electrical properties and UV detectivity. Journal Physics D: Applied Physics, 2015, 48, 325105.	2.8	9
89	N and Al co-doping as a way to p-type ZnO without post-growth annealing. Materials Research Express, 2016, 3, 125907.	1.6	9
90	The chemical states of As 3d in highly doped ZnO grown by Molecular Beam Epitaxy and annealed in different atmospheres. Thin Solid Films, 2016, 605, 283-288.	1.8	9

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91	Resonant Photoemission Spectroscopy Study on the Contribution of the Yb 4f States to the Electronic Structure of ZnO. Acta Physica Polonica A, 2018, 133, 907-909.	0.5	9
92	Clean and doped surface electronic structure in angle-resolved and resonant photoemission study. Progress in Surface Science, 2001, 67, 323-338.	8.3	8
93	Enhanced energy pumping to Tb3+ ions in manganese-doped ZnS nanoparticles. Journal of Alloys and Compounds, 2008, 451, 206-208.	5.5	8
94	Contactless electroreflectance of ZnO layers grown by atomic layer deposition at low temperature. Semiconductor Science and Technology, 2011, 26, 075012.	2.0	8
95	Optical Properties of ZnO Deposited by Atomic Layer Deposition on Sapphire: A Comparison of Thin and Thick Films. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, 2000669.	1.8	8
96	Radiation Tolerance and Charge Trapping Enhancement of ALD HfO2/Al2O3 Nanolaminated Dielectrics. Materials, 2021, 14, 849.	2.9	8
97	Schottky Junctions Based on the ALD-ZnO Thin Films for Electronic Applications. Acta Physica Polonica A, 2011, 120, A-17-A-21.	0.5	8
98	Epitaxial ZnO Films Grown at Low Temperature for Novel Electronic Application. Acta Physica Polonica A, 2011, 120, A-7-A-10.	0.5	8
99	Photoemission study of Gd atoms on CdTe(100) surface. Applied Surface Science, 2000, 166, 231-236.	6.1	7
100	Photoemission study of Gd on clean Si() surface. Surface Science, 2002, 507-510, 218-222.	1.9	7
101	Photoemission study of EuS/PbS electronic structure. Journal of Alloys and Compounds, 2004, 362, 198-201.	5.5	7
102	ZnO nanostructures by atomic layer deposition method. Journal of Physics: Conference Series, 2009, 146, 012017.	0.4	7
103	SEM, EDS and CL Investigations of ZnMnO and ZnCoO Layers Grown at Low Temperature by Atomic Layer Deposition. Microscopy and Microanalysis, 2010, 16, 810-811.	0.4	7
104	Ion Beam Modification of ZnO Epilayers: Sequential Processing. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1700887.	1.8	7
105	Do We Understand Magnetic Properties of ZnMnO?. Acta Physica Polonica A, 2007, 112, 261-267.	0.5	7
106	Thin Film ZnO as Sublayer for Electric Contact for Bulk GaN with Low Electron Concentration. Acta Physica Polonica A, 2011, 119, 672-674.	0.5	7
107	Band structure of MBE-grown and photoemission studies. Thin Solid Films, 1995, 267, 69-73.	1.8	6
108	The influence of the Fe 3d states on the electronic band structure of CdTe/Fe and bulk Cd0.985Fe0.015Te crystal. Journal of Alloys and Compounds, 1999, 286, 137-142.	5.5	6

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109	Angle-resolved photoemission study of dispersive and narrow-band5fstates in UAsSe. Physical Review B, 2006, 73, .	3.2	6
110	2-D Finite-Element Modeling of ZnO Schottky Diodes With Large Ideality Factors. IEEE Transactions on Electron Devices, 2012, 59, 2762-2766.	3.0	6
111	Gd and Sm on clean semiconductor surfacesâ€"Resonant photoemission studies. Applied Surface Science, 2013, 282, 326-334.	6.1	6
112	Magnetic, Structural, and Optical Properties of Low Temperature ZnMnO Grown by Atomic Layer Epitaxy. Acta Physica Polonica A, 2005, 108, 915-921.	0.5	6
113	ZnCoO Films Obtained at Low Temperature by Atomic Layer Deposition Using Organic Zinc and Cobalt Precursors. Acta Physica Polonica A, 2008, 114, 1235-1240.	0.5	6
114	ZnCoO Films by Atomic Layer Deposition - Influence of a Growth Temperature Î¿n Uniformity of Cobalt Distribution. Acta Physica Polonica A, 2009, 116, 921-923.	0.5	6
115	Barriers in Miniaturization of Electronic Devices and the Ways to Overcome Them - from a Planar to 3D Device Architecture. Acta Physica Polonica A, 2009, 116, S-19-S-21.	0.5	6
116	Electrical properties of ZnO films implanted with rare earth and their relationship with structural and optical parameters. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2022, 275, 115526.	3.5	6
117	Resonant photoemission study of rare earth 4f states inSn1â^'xGdxTe. Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 327-331.	1.7	5
118	Photoemission study of Sm/CdTe interface formation. Surface Science, 2001, 482-485, 512-518.	1.9	5
119	Mn on the Surface of ZnO0001 a Resonant Photoemisson Study. Physica Scripta, 2005, , 541.	2.5	5
120	Characterization of n-ZnO/p-GaN Heterojunction for Optoelectronic Applications. Acta Physica Polonica A, 2013, 124, 869-872.	0.5	5
121	Role of the Hafnium Dioxide Spacer in the ZnO-Based Planar Schottky Diodes Obtained by the Low-Temperature Atomic Layer Deposition Method: Investigations of Current-Voltage Characteristics. IEEE Transactions on Electron Devices, 2015, 62, 630-633.	3.0	5
122	Soft x-ray absorption spectroscopy on Co doped ZnO: structural distortions and electronic structure. Journal of Physics: Conference Series, 2016, 712, 012104.	0.4	5
123	Hydrogen in Asâ€Grown and Annealed ZnO Films Grown by Atomic Layer Deposition. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, 2000318.	1.8	5
124	Optical Properties of ZnCoO Films and Nanopowders. Acta Physica Polonica A, 2009, 116, 918-920.	0.5	5
125	Resonant Photoemission Spectra of Zn_{1-x}Co_xS Valence Band. Acta Physica Polonica A, 1994, 86, 831-836.	0.5	5
126	Optical transitions in cubicHgSe1â^'ySyscrystals. Physical Review B, 1997, 55, 4405-4410.	3.2	4

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127	Optical and photoemission study of surface electronic states and surface oxidation on CdTe(110). Applied Surface Science, 1999, 142, 33-37.	6.1	4
128	Optical and Structural Properties of Thin Films of ZnS Grown by Atomic Layer Epitaxy. Journal of Wide Bandgap Materials, 2001, 9, 55-63.	0.1	4
129	Electrical and optical properties of zinc oxide layers grown by the low-temperature atomic layer deposition technique. Physica Status Solidi (B): Basic Research, 2010, 247, 1653-1657.	1.5	4
130	Optical and magnetic properties of ZnCoO layers. Optical Materials, 2012, 34, 2045-2049.	3.6	4
131	RBS/Channeling Analysis of Zinc Oxide Films Grown at Low Temperature by Atomic Layer Deposition. Acta Physica Polonica A, 2013, 123, 899-903.	0.5	4
132	Carbazole Derivative Based Near Ultraviolet Organic Light Emitting Diode with ZnMgO:Al Anode Layer. Solid State Phenomena, 0, 200, 45-49.	0.3	4
133	Electrical and structural characterization of nitrogen doped ZnO layers grown at low temperature by atomic layer deposition. Semiconductor Science and Technology, 2014, 29, 085006.	2.0	4
134	XRD and RBS studies of quasi-amorphous zinc oxide layers produced by Atomic Layer Deposition. Thin Solid Films, 2016, 612, 337-341.	1.8	4
135	Atomic layer deposition of ZnO:Al on PAA substrates. Journal of Physics: Conference Series, 2016, 764, 012004.	0.4	4
136	Tuning the properties of ALD-ZnO-based rectifying structures by thin dielectric film insertion â€“ Modeling and experimental studies. Journal of Alloys and Compounds, 2017, 693, 1164-1173.	5.5	4
137	Valence band of ZnO:Yb probed by resonant photoemission spectroscopy. Materials Science in Semiconductor Processing, 2019, 91, 306-309.	4.0	4
138	Optical Response of Epitaxial ZnO Films Grown by Atomic Layer Deposition and Coimplanted with Dy and Yb. Physica Status Solidi (B): Basic Research, 2020, 257, 1900513.	1.5	4
139	ZnO Nanopowders by a Microwave Hydrothermal Method - Influence of the Precursor Type on Grain Sizes. Acta Physica Polonica A, 2011, 119, 683-685.	0.5	4
140	Extra-Low Temperature Growth of ZnO Thin Films by Atomic Layer Deposition. Journal of the Korean Physical Society, 2008, 53, 2880-2883.	0.7	4
141	From CdTe/Fe schottky barrier to Cd1â^'xFexTe semimagnetic semiconductor. Applied Surface Science, 1998, 123-124, 631-635.	6.1	3
142	Photoemission study of samarium on and CdTe(100). Applied Surface Science, 2002, 190, 356-360.	6.1	3
143	Growth conditions and structural properties as limiting factors of electrical parameters of ZnO thin films grown by Atomic Layer Deposition with diethylzinc and water precursors. Physica Status Solidi C: Current Topics in Solid State Physics, 2010, 7, 1550-1552.	0.8	3
144	Schottky contacts to ZnO layers grown by Atomic Layer Deposition: effects of H2O2 functionalization and transport mechanisms. Applied Surface Science, 2021, 552, 149067.	6.1	3

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145	Cathodoluminescence Profiling for Checking Uniformity of ZnO and ZnCoO Thin Films. Acta Physica Polonica A, 2011, 119, 675-677.	0.5	3
146	X-ray Absorption Fine Structure Investigation of the Low Temperature Grown ZnCoO Films. Acta Physica Polonica A, 2012, 121, 883-887.	0.5	3
147	Electronic Band Structure of Cubic HgS. Acta Physica Polonica A, 1995, 87, 395-398.	0.5	3
148	4f Shell of Gd2+and Gd3+Ions in Sn1-xGdxTe - Resonant Photoemission Study. Acta Physica Polonica A, 1997, 92, 875-878.	0.5	3
149	Electronic structure and magnetism in actinide compounds. Physica B: Condensed Matter, 2006, 378-380, 1033-1034.	2.7	2
150	Microscopic (AFM) and resonant photoemission study of Gd/Si(111) interface. Radiation Physics and Chemistry, 2009, 78, S22-S24.	2.8	2
151	PA-MBE Grown p-n (p-ZnO:(As+Sb)/n-GaN) and p-i-n (p-ZnO:As/HfO₂/n-GaN) Heterojunctions as a Highly Selective UV Detectors. Key Engineering Materials, 2014, 605, 310-313.	0.4	2
152	Zn(Mn)O Surface Alloy Studied by Synchrotron Radiation Photoemission. Acta Physica Polonica A, 2005, 108, 689-696.	0.5	2
153	Cathodoluminescence Measurements at Liquid Helium Temperature of Poly- and Monocrystalline ZnO Films. Acta Physica Polonica A, 2011, 120, A-28-A-30.	0.5	2
154	Reflectivity Study of Hg1-xCoxSe Crystals. Acta Physica Polonica A, 1994, 86, 875-878.	0.5	2
155	Contribution of Mn 3d Electrons To the Valence Band of Sn0.9Mn0.1te. Acta Physica Polonica A, 1998, 94, 454-458.	0.5	2
156	Low-Temperature Cathodoluminescence of Nitrogen-Doped ZnO Films Deposited at Low-Temperature by Atomic Layer Deposition. Acta Physica Polonica A, 2022, 141, 135-139.	0.5	2
157	Growth and characterization of Ti-based films obtained from two selected precursors: H2O, TiCl4, Ti(N(CH3)2)4 or Al2(CH3)6 by the ALD method. Materials Science in Semiconductor Processing, 2022, 148, 106792.	4.0	2
158	Fe 3p-3d Fano resonances inCdTe(111)/Fe andCd1âˆ'XFeXTe. Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 321-326.	1.7	1
159	Electronic structure of MBE grown CdYbTe: photoemission studies. Thin Solid Films, 2000, 367, 193-198.	1.8	1
160	Transition metal 3d states in HgSe-based diluted magnetic semiconductors. Journal of Alloys and Compounds, 2001, 328, 119-125.	5.5	1
161	Electronic structure of UAsSe and USb2 compounds: the 5f photoemission. Materials Research Society Symposia Proceedings, 2003, 802, 170.	0.1	1
162	Localized and Itinerant States in Pu Materials. Materials Research Society Symposia Proceedings, 2005, 893, 1.	0.1	1

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163	Synchrotron photoemission study of (Zn,Co)O films with uniform Co distribution. Radiation Physics and Chemistry, 2011, 80, 1046-1050.	2.8	1
164	Homogenous and heterogeneous magnetism in (Zn,Co)O. , 2012, , .		1
165	Leakage currents in Al2O3/HfO2 multilayer high-k stacks and their modification by post-deposition annealing steps. Journal of Physics: Conference Series, 2019, 1186, 012025.	0.4	1
166	Fano resonance photoemission study of Sm on Pb0.97Ge0.03Te crystal. Radiation Physics and Chemistry, 2020, 175, 108080.	2.8	1
167	Cd1-xFexSe/Fe Interface Formation Observed by Means of Photoemission Spectroscopy. Acta Physica Polonica A, 1996, 90, 805-808.	0.5	1
168	Resonant Photoemission Study of Gd 4f States in IV-VI Crystals. Acta Physica Polonica A, 1997, 91, 819-823.	0.5	1
169	Optical and Structural Characterization of Zinc Oxide Nanostructures Obtained by Atomic Layer Deposition Method. Acta Physica Polonica A, 2011, 120, 905-907.	0.5	1
170	Polarized dependence of soft X-ray absorption near edge structure of ZnO films implanted by Yb. Materials Science in Semiconductor Processing, 2022, 144, 106609.	4.0	1
171	Influence of Structural Properties and of Growth Conditions on Exciton Properties in ZnCdSe/ZnSe Quantum Well Structures. Materials Science Forum, 2002, 384-385, 63-66.	0.3	0
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