

Matthew D McCluskey

List of Publications by Year in descending order

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177
papers

5,809
citations

117571

34
h-index

85498

71
g-index

179
all docs

179
docs citations

179
times ranked

6247
citing authors

#	ARTICLE	IF	CITATIONS
1	Defects in ZnO. Journal of Applied Physics, 2009, 106, .	1.1	969
2	Tutorial: Defects in semiconductorsâ€”Combining experiment and theory. Journal of Applied Physics, 2016, 119, .	1.1	297
3	Large band gap bowing of In _x Ga _{1-x} N alloys. Applied Physics Letters, 1998, 72, 2725-2726.	1.5	204
4	Local vibrational modes of the Mgâ€”H acceptor complex in GaN. Applied Physics Letters, 1996, 69, 3725-3727.	1.5	186
5	Infrared spectroscopy of hydrogen in ZnO. Applied Physics Letters, 2002, 81, 3807-3809.	1.5	186
6	Phase separation in InGaN/GaN multiple quantum wells. Applied Physics Letters, 1998, 72, 1730-1732.	1.5	185
7	Fano interference of the Raman phonon in heavily boronâ€”doped diamond films grown by chemical vapor deposition. Applied Physics Letters, 1995, 66, 616-618.	1.5	177
8	Metastability of Oxygen Donors in AlGaIn. Physical Review Letters, 1998, 80, 4008-4011.	2.9	154
9	Point defects in Ga ₂ O ₃ . Journal of Applied Physics, 2020, 127, .	1.1	151
10	Optical properties of In _x Ga _{1-x} N alloys grown by metalorganic chemical vapor deposition. Journal of Applied Physics, 1998, 84, 4452-4458.	1.1	135
11	Persistent Photoconductivity in Strontium Titanate. Physical Review Letters, 2013, 111, 187403.	2.9	130
12	Local vibrational modes of impurities in semiconductors. Journal of Applied Physics, 2000, 87, 3593-3617.	1.1	124
13	Nitrogen is a deep acceptor in ZnO. AIP Advances, 2011, 1, .	0.6	121
14	Structure and stability of Oâ€”H donors in ZnO from high-pressure and infrared spectroscopy. Physical Review B, 2005, 72, .	1.1	104
15	Ferromagnetism in Ga _{1-x} Mn _x P: Evidence for Inter-Mn Exchange Mediated by Localized Holes within a Detached Impurity Band. Physical Review Letters, 2005, 95, 207204.	2.9	92
16	Compensation and hydrogen passivation of magnesium acceptors in Î²-Ga ₂ O ₃ . Applied Physics Letters, 2018, 113, .	1.5	77
17	Hydrogen in oxide semiconductors. Journal of Materials Research, 2012, 27, 2190-2198.	1.2	72
18	Interdiffusion of In and Ga in InGaIn quantum wells. Applied Physics Letters, 1998, 73, 1281-1283.	1.5	69

#	ARTICLE	IF	CITATIONS
19	Formation of Isolated Zn Vacancies in ZnO Single Crystals by Absorption of Ultraviolet Radiation: A Combined Study Using Positron Annihilation, Photoluminescence, and Mass Spectroscopy. <i>Physical Review Letters</i> , 2013, 111, 017401.	2.9	67
20	Large and composition-dependent band gap bowing in $\text{In}_x\text{Ga}_{1-x}\text{N}$ alloys. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1999, 59, 274-278.	1.7	60
21	Effect of composition on the band gap of strained $\text{In}_x\text{Ga}_{1-x}\text{N}$ alloys. <i>Journal of Applied Physics</i> , 2003, 93, 4340-4342.	1.1	60
22	Structural and optical properties of pseudomorphic $\text{In}_x\text{Ga}_{1-x}\text{N}$ alloys. <i>Applied Physics Letters</i> , 1998, 73, 1757-1759.	1.5	59
23	Sources of n-type conductivity in ZnO. <i>Physica B: Condensed Matter</i> , 2007, 401-402, 355-357.	1.3	59
24	Dopants and Defects in Semiconductors. , 0, , .		57
25	Achieving highly-enhanced UV photoluminescence and its origin in ZnO nanocrystalline films. <i>Optical Materials</i> , 2016, 58, 382-389.	1.7	53
26	Pressure-induced phase transformation of In_2Se_3 . <i>Applied Physics Letters</i> , 2013, 102, .	1.5	51
27	Infrared spectroscopy of ZnO nanoparticles containing CO_2 impurities. <i>Applied Physics Letters</i> , 2005, 86, 073111.	1.5	50
28	Hydrogen donors in SnO_2 by infrared spectroscopy and first-principles calculations. <i>Physical Review B</i> , 2010, 82, .	1.1	50
29	Acceptors in ZnO. <i>Journal of Applied Physics</i> , 2015, 117, .	1.1	49
30	Unambiguous identification of nitrogen-hydrogen complexes in ZnO. <i>Physical Review B</i> , 2007, 76, .	1.1	45
31	Phase separation in InGaN multiple quantum wells annealed at high nitrogen pressures. <i>Applied Physics Letters</i> , 1999, 75, 3950-3952.	1.5	42
32	Suppression of conductivity in Mn-doped ZnO thin films. <i>Journal of Applied Physics</i> , 2009, 105, .	1.1	42
33	Positron lifetime measurements of hydrogen passivation of cation vacancies in yttrium aluminum oxide garnets. <i>Physical Review B</i> , 2013, 88, .	1.1	42
34	Infrared spectroscopy of hydrogen in annealed zinc oxide. <i>Physica B: Condensed Matter</i> , 2003, 340-342, 221-224.	1.3	38
35	Shock-induced band-gap shift in GaN: Anisotropy of the deformation potentials. <i>Physical Review B</i> , 2005, 71, .	1.1	35
36	Phonon dynamics and Urbach energy studies of MgZnO alloys. <i>Journal of Applied Physics</i> , 2015, 117, .	1.1	35

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37	Infrared absorption of solid nitrogen at high pressures. <i>Physical Review B</i> , 1996, 54, 8962-8964.	1.1	34
38	Iridium-related complexes in Czochralski-grown In^{2+} -Ga $_{2}\text{O}_3$. <i>Journal of Applied Physics</i> , 2019, 126, .	1.1	32
39	Action potential propagation imaged with high temporal resolution near-infrared video microscopy and polarized light. <i>NeuroImage</i> , 2008, 40, 1034-1043.	2.1	31
40	Infrared absorption of hydrogen-related defects in strontium titanate. <i>Journal of Applied Physics</i> , 2011, 109, .	1.1	31
41	Acceptors in ZnO nanocrystals. <i>Applied Physics Letters</i> , 2011, 98, .	1.5	30
42	Phase-Defined van der Waals Schottky Junctions with Significantly Enhanced Thermoelectric Properties. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 2887-2894.	2.1	30
43	Defects in Semiconductors. <i>Journal of Applied Physics</i> , 2020, 127, .	1.1	30
44	Doping of AlGa N Alloys. <i>MRS Internet Journal of Nitride Semiconductor Research</i> , 1999, 4, 890-901.	1.0	29
45	Nitrogen and vacancy clusters in ZnO. <i>Journal of Materials Research</i> , 2013, 28, 1977-1983.	1.2	29
46	Matrix reactions of P $_4$ and P $_2$ with O $_3$ molecules. <i>Journal of Molecular Structure</i> , 1990, 222, 95-108.	1.8	28
47	Pressure response of the ultraviolet photoluminescence of ZnO and MgZnO nanocrystallites. <i>Applied Physics Letters</i> , 2006, 89, 171909.	1.5	28
48	High Pressureâ€™High Temperature Decomposition of C^{13} -Cyclotrimethylene Trinitramine. <i>Journal of Physical Chemistry A</i> , 2012, 116, 9680-9688.	1.1	28
49	Dopants and Defects in Semiconductors. , 0, , .		27
50	Conformation of p-terphenyl under hydrostatic pressure. <i>Journal of Chemical Physics</i> , 2004, 120, 1841-1845.	1.2	26
51	Cu-doping of ZnO by nuclear transmutation. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	26
52	Carbon acceptors and carbon-hydrogen complexes in AlSb. <i>Physical Review B</i> , 2001, 65, .	1.1	25
53	Infrared spectroscopy of biphenyl under hydrostatic pressure. <i>Journal of Chemical Physics</i> , 2002, 117, 3748-3752.	1.2	25
54	Formation of high concentrations of isolated Zn vacancies and evidence for their acceptor levels in ZnO. <i>Journal of Alloys and Compounds</i> , 2017, 729, 1031-1037.	2.8	24

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55	Using persistent photoconductivity to write a low-resistance path in SrTiO ₃ . Scientific Reports, 2017, 7, 6659.	1.6	24
56	Acceptor and surface states of ZnO nanocrystals: a unified model. Nanotechnology, 2011, 22, 475703.	1.3	23
57	Flattening of organic molecules under pressure. Journal of Chemical Physics, 2001, 114, 5465-5467.	1.2	22
58	Infrared and Raman spectroscopy of ZnO nanoparticles annealed in hydrogen. Journal of Applied Physics, 2007, 102, 043529.	1.1	22
59	Zn acceptors in $\hat{\Gamma}^2$ -Ga ₂ O ₃ crystals. Journal of Applied Physics, 2021, 129, .	1.1	22
60	Interstitial oxygen in silicon under hydrostatic pressure. Physical Review B, 1997, 56, 9520-9523.	1.1	21
61	Local vibrational modes in GaAs under hydrostatic pressure. Physical Review B, 1997, 56, 6404-6407.	1.1	21
62	Gallium vacancy formation in oxygen annealed $\hat{\Gamma}^2$ -Ga ₂ O ₃ . Journal of Applied Physics, 2021, 129, .	1.1	21
63	Hydrogen passivation of Se and Te in AlSb. Physical Review B, 1996, 53, 16297-16301.	1.1	20
64	Hydrogen in bulk and nanoscale ZnO. Physica B: Condensed Matter, 2006, 376-377, 690-693.	1.3	20
65	Point Defects in ZnO. Semiconductors and Semimetals, 2015, 91, 279-313.	0.4	20
66	Vibrational spectroscopy of group-II-acceptor ⁺ hydrogen complexes in GaP. Physical Review B, 1995, 52, 11859-11864.	1.1	19
67	Characteristics of InGaN-AlGaIn multiple-quantum-well laser diodes. IEEE Journal of Selected Topics in Quantum Electronics, 1998, 4, 498-504.	1.9	19
68	Pressure dependence of optical transitions in In _{0.15} Ga _{0.85} N/GaN multiple quantum wells. Physical Review B, 1998, 58, R10191-R10194.	1.1	19
69	Optical transitions and multiphonon Raman scattering of Cu doped ZnO and MgZnO ceramics. Applied Physics Letters, 2009, 94, .	1.5	19
70	Optical Properties of ZnO-Alloyed Nanocrystalline Films. Journal of Nanomaterials, 2012, 2012, 1-7.	1.5	19
71	Phase separation in annealed InGaIn/GaN multiple quantum wells. Journal of Crystal Growth, 1998, 189-190, 33-36.	0.7	17
72	Transformation of GaAs into an indirect L -band-gap semiconductor under uniaxial strain. Physical Review B, 2009, 80, .	1.1	17

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73	Vibrational Spectroscopy of Na ⁺ H Complexes in ZnO. Journal of Electronic Materials, 2013, 42, 3426-3428.	1.0	17
74	X-ray diffraction of Mg _x Zn _{1-x} O and ZnO nanocrystals under high pressure. Journal of Applied Physics, 2009, 106, 013511.	1.1	16
75	Spectroscopic studies of the mechanism of reversible photodegradation of 1-substituted aminoanthraquinone-doped polymers. Journal of Chemical Physics, 2016, 144, 114902.	1.2	15
76	Spectroscopy of hydrogen-related complexes in GaP:Zn. Applied Physics Letters, 1994, 65, 2191-2192.	1.5	14
77	Anti-crossing behavior of local vibrational modes in AlSb. Solid State Communications, 1998, 106, 587-590.	0.9	14
78	UV-luminescent MgZnO semiconductor alloys: nanostructure and optical properties. Journal of Materials Science: Materials in Electronics, 2017, 28, 2511-2520.	1.1	14
79	Vibrational spectroscopy of arsenic-hydrogen complexes in ZnSe. Applied Physics Letters, 1996, 68, 3476-3478.	1.5	13
80	The Franz-Keldysh effect in shocked GaN:Mg. Applied Physics Letters, 2003, 82, 2085-2087.	1.5	13
81	Compensation of Acceptors in ZnO Nanocrystals by Adsorption of Formic Acid. Journal of Physical Chemistry C, 2012, 116, 17248-17251.	1.5	13
82	The role of hydrogen and oxygen in the persistent photoconductivity of strontium titanate. Journal of Applied Physics, 2018, 123, 161545.	1.1	13
83	Resonant Interaction between Localized and Extended Vibrational Modes in Si:O ₁₈ under Pressure. Physical Review Letters, 2003, 90, 095505.	2.9	12
84	Incorporation of Cu acceptors in ZnO nanocrystals. Journal of Applied Physics, 2010, 108, 064301.	1.1	12
85	Equations of state for ZnO and MgZnO by high pressure x-ray diffraction. Journal of Applied Physics, 2011, 110, 073511.	1.1	12
86	Hydrogen-related complexes in Li-diffused ZnO single crystals. Journal of Applied Physics, 2016, 120, .	1.1	12
87	Enhancement of the ultraviolet photoluminescence of ZnO films: Coatings, annealing, and environmental exposure studies. AIP Advances, 2020, 10, .	0.6	12
88	Photodarkening and dopant segregation in Cu-doped $\hat{2}$ -Ga ₂ O ₃ Czochralski single crystals. Journal of Crystal Growth, 2022, 578, 126419.	0.7	12
89	Comparison study of photoluminescence from InGaN/GaN multiple quantum wells and InGaN epitaxial layers under large hydrostatic pressure. Applied Physics Letters, 1998, 73, 1613-1615.	1.5	11
90	Structure and stability of Na ⁺ H complexes in single-crystal ZnO. Journal of Applied Physics, 2010, 107, .	1.1	11

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91	Thermal stability of ultra-wide-bandgap MgZnO alloys with wurtzite structure. Journal of Materials Science: Materials in Electronics, 2018, 29, 16782-16790.	1.1	11
92	Localized UV emitters on the surface of $\hat{\Gamma}^2$ -Ga ₂ O ₃ . Scientific Reports, 2020, 10, 21022.	1.6	11
93	Photoluminescence and Raman mapping of $\hat{\Gamma}^2$ -Ga ₂ O ₃ . AIP Advances, 2021, 11, .	0.6	11
94	Hydrogen in compound semiconductors. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1999, 17, 2188-2193.	0.9	10
95	Pressure dependence of local vibrational modes in InP. Physical Review B, 2001, 63, .	1.1	10
96	Recharging behavior of nitrogen-centers in ZnO. Journal of Applied Physics, 2014, 116, .	1.1	10
97	Potassium acceptor doping of ZnO crystals. AIP Advances, 2015, 5, .	0.6	10
98	Structural and optical properties of epitaxially overgrown third-order gratings for InGaN/GaN-based distributed feedback lasers. Applied Physics Letters, 1998, 73, 2706-2708.	1.5	9
99	Band gap changes of GaN shocked to 13 GPa. Applied Physics Letters, 2002, 80, 1912-1914.	1.5	9
100	N ₂ and CO ₂ vibrational modes in solid nitrogen under pressure. Journal of Chemical Physics, 2002, 116, 1607-1612.	1.2	9
101	Isotope effects in the electronic spectrum of S and Se in silicon. Physical Review B, 2004, 69, .	1.1	9
102	Hydrogen complexes in ZnO grown by chemical vapor transport. Physica B: Condensed Matter, 2007, 401-402, 395-398.	1.3	9
103	Equation of state and refractive index of argon at high pressure by confocal microscopy. Physical Review B, 2010, 81, .	1.1	9
104	Surface Effects on Pyrene Luminescence Excitation. ACS Applied Electronic Materials, 2020, 2, 2806-2812.	2.0	9
105	DX CENTERS IN AlGa _N . International Journal of Modern Physics B, 1999, 13, 1363-1378.	1.0	8
106	Indirect band-gap transitions in GaP shocked along the [100], [110], and [111] axes. Physical Review B, 2007, 75, .	1.1	8
107	Resonant Interaction between Hydrogen Vibrational Modes in AlSb:Se. Physical Review Letters, 2009, 102, 135502.	2.9	8
108	Bandgap of cubic ZnS _{1-x} O _x from optical transmission spectroscopy. Journal of Applied Physics, 2019, 125, 075704.	1.1	8

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109	Zinc-hydrogen and zinc-iridium pairs in β -Ga ₂ O ₃ . Applied Physics Letters, 2021, 119, .	1.5	8
110	Modular Scanning Confocal Microscope with Digital Image Processing. PLoS ONE, 2016, 11, e0166212.	1.1	8
111	Cu ²⁺ and Cu ³⁺ acceptors in β -Ga ₂ O ₃ crystals: A magnetic resonance and optical absorption study. Journal of Applied Physics, 2022, 131, .	1.1	8
112	Band-gap luminescence of GaP:S shock compressed to 5GPa. Applied Physics Letters, 2008, 92, .	1.5	7
113	Anharmonic resonant Raman modes in Mg _{0.2} Zn _{0.8} O. Physical Review B, 2013, 87, .	1.1	7
114	<i>p</i> -type conductivity in annealed strontium titanate. AIP Advances, 2015, 5, .	0.6	7
115	Defects in ZnO. , 2018, , 1-25.		7
116	Confocal microscopy with a microlens array. Applied Optics, 2020, 59, 3058.	0.9	7
117	Persistent Room-Temperature Photodarkening in Cu-Doped β -Ga ₂ O ₃ . Physical Review Letters, 2022, 128, 077402.		
118	Nitrogen and hydrogen in bulk single-crystal ZnO. Physica B: Condensed Matter, 2009, 404, 4810-4812.	1.3	6
119	Measuring the volume of a fluid in a diamond anvil cell using a confocal microscope. Applied Optics, 2009, 48, 1758.	2.1	6
120	Large Persistent Photoconductivity in Strontium Titanate at Room Temperature. Materials Research Society Symposia Proceedings, 2015, 1792, 1.	0.1	6
121	Electronic transport in molybdenum dioxide thin films. Journal of Materials Science: Materials in Electronics, 2015, 26, 9717-9720.	1.1	6
122	Hydrogen passivation of calcium and magnesium doped β -Ga ₂ O ₃ . , 2019, , .		6
123	Doping of Aigan Alloys. Materials Research Society Symposia Proceedings, 1998, 537, 1.	0.1	5
124	Order-of-magnitude reduction of carrier lifetimes in [100] n-type GaAs shock-compressed to 4 GPa. Applied Physics Letters, 2011, 98, .	1.5	5
125	High Order Oxygen Local Vibrational Modes in ZnS $1-x$ O x . Physica Status Solidi (B): Basic Research, 2019, 256, 1800607.	0.7	5
126	Classification of Semiconductors Using Photoluminescence Spectroscopy and Machine Learning. Applied Spectroscopy, 2022, 76, 228-234.	1.2	5

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127	Hydrogen in III-V and II-VI Semiconductors. Semiconductors and Semimetals, 1999, , 373-440.	0.4	4
128	Pressure dependence of donor excitation spectra in AlSb. Physical Review B, 2003, 67, .	1.1	4
129	Hydrogen Donors in ZnO. Materials Research Society Symposia Proceedings, 2005, 864, 1041.	0.1	4
130	High pressure \hat{I}^3 -to- \hat{I}^2 phase transition in bulk and nanocrystalline In_{2Se_3} . High Pressure Research, 2016, 36, 549-556.	0.4	4
131	Oxygen vibrational modes in $\text{ZnS}_{1-x}\text{O}_x$ alloys. Journal of Applied Physics, 2018, 123, .	1.1	4
132	Localized phase transition of TiO ₂ thin films induced by sub-bandgap laser irradiation. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2021, 39, 053402.	0.9	4
133	Resonant Interaction Between Local Vibrational Modes and Extended Lattice Phonons in AlSb. Materials Science Forum, 1997, 258-263, 1247-1252.	0.3	3
134	Band Gap Shift of GaN under Uniaxial Strain Compression. Materials Research Society Symposia Proceedings, 2001, 693, 242.	0.1	3
135	Infrared Spectroscopy of Bis(4-nitrophenyl) Disulfide Grown on a Pb Layer. Chemistry Letters, 2002, 31, 1138-1139.	0.7	3
136	Recording invertebrate nerve activation with modulated light changes. Applied Optics, 2007, 46, 1866.	2.1	3
137	Real-time band structure changes of GaAs during continuous dynamic compression to 5 GPa. Applied Physics Letters, 2009, 95, .	1.5	3
138	Insulating regions in a TiO ₂ thin film defined by laser irradiation. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2020, 38, 032203.	0.6	3
139	Persistent photoconductivity in barium titanate. Journal of Applied Physics, 2022, 131, 095701.	1.1	3
140	Phase Separation in InGaN/GaN Multiple Quantum Wells. Materials Research Society Symposia Proceedings, 1997, 482, 981.	0.1	2
141	Hydrogen Local Vibrational Modes in Compound Semiconductors. Materials Research Society Symposia Proceedings, 1998, 513, 217.	0.1	2
142	MOCVD growth and characterization of AlGaInN multiple quantum well heterostructures and laser diodes. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1999, 59, 33-38.	1.7	2
143	Acceptor- \hat{I} hydrogen complexes in semiconductors under pressure. Physica B: Condensed Matter, 2001, 308-310, 780-783.	1.3	2
144	Interaction between localized and extended modes of oxygen in silicon. Physica B: Condensed Matter, 2003, 340-342, 514-517.	1.3	2

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145	Pressure tuning of localized and extended vibrational modes in Si:O. Physica Status Solidi (B): Basic Research, 2004, 241, 3300-3305.	0.7	2
146	Infrared Spectroscopy of Impurities in ZnO Nanoparticles. Materials Research Society Symposia Proceedings, 2005, 864, 4401.	0.1	2
147	Hydrogen Donors in Zinc Oxide. , 2005, , 125-132.		2
148	Strong Fano resonance of oxygen-hydrogen bonds on oblique angle deposited Mg nanoblades. Applied Physics Letters, 2008, 92, 183112.	1.5	2
149	Use of dynamic compression to probe semiconductor response at large strains. Physica Status Solidi (B): Basic Research, 2013, 250, 683-687.	0.7	2
150	Defects and persistent conductivity in SrTiO ₃ . , 2014, , .		2
151	Evidence for a shallow Cu acceptor in Si from infrared spectroscopy and photoconductivity. Physical Review B, 2014, 90, .	1.1	2
152	High-Pressure IR. , 2017, , 122-125.		2
153	Growth and defect characterization of doped and undoped $\hat{2}$ -Ga ₂ O ₃ crystals. , 2022, , .		2
154	Spectroscopic Identification of the Acceptor-Hydrogen Complex in Mg-Doped GaN Grown by MOCVD. Materials Research Society Symposia Proceedings, 1997, 468, 117.	0.1	1
155	Evidence for Oxygen DX Centers in AlGa _N . Materials Research Society Symposia Proceedings, 1998, 512, 531.	0.1	1
156	Shallow to deep transformation of Se donors in GaSb under hydrostatic pressure. Physical Review B, 1999, 59, 8003-8007.	1.1	1
157	Local Vibrational Mode Spectroscopy of Hydrogen in Compound Semiconductors. AIP Conference Proceedings, 2003, , .	0.3	1
158	VIBRATIONAL STUDIES AND RESONANT INTERACTION BETWEEN LOCALIZED AND EXTENDED MODES IN Si:O UNDER PRESSURE. Modern Physics Letters B, 2004, 18, 1013-1028.	1.0	1
159	Bound exciton luminescence in shock compressed GaP:S and GaP:N. Journal of Applied Physics, 2009, 106, 023710.	1.1	1
160	Experimental Evidence for Nitrogen as a Deep Acceptor in ZnO. Materials Research Society Symposia Proceedings, 2011, 1394, 21.	0.1	1
161	ZnS _x O _{1-x} Films Grown on Flexible Substrates. Materials Research Society Symposia Proceedings, 2012, 1394, 48.	0.1	1
162	Large persistent photoconductivity in strontium titanate single crystals. Proceedings of SPIE, 2016, , .	0.8	1

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163	Infrared Optical Studies of Semiconductors at Large Hydrostatic Pressures. Materials Research Society Symposia Proceedings, 1997, 499, 371.	0.1	0
164	Characterization of AlGaInN heterostructures and laser diodes. , 1998, 3284, 94.		0
165	Pressure Dependence of Optical Transitions in InGaN/GaN Multiple Quantum Wells. Materials Research Society Symposia Proceedings, 1998, 537, 1.	0.1	0
166	Disordering of InGaN/GaN Superlattices After High-Pressure Annealing. Materials Research Society Symposia Proceedings, 1998, 537, 1.	0.1	0
167	Characterization of InGaN/AlGaIn multiple-quantum-well laser diodes. , 1999, , .		0
168	Isotope effects in the electronic spectra of singly ionised S ⁺ and Se ⁺ donors in silicon. Physica B: Condensed Matter, 2003, 340-342, 760-764.	1.3	0
169	CONFOCAL MICROSCOPY OF WATER UNDER STATIC PRESSURE. , 2008, , .		0
170	Hydrogen-related defects in bulk ZnO. Materials Research Society Symposia Proceedings, 2009, 1167, 7.	0.1	0
171	Dopants in nanoscale ZnO. Materials Research Society Symposia Proceedings, 2009, 1174, 110.	0.1	0
172	CONFOCAL MICROSCOPY TO MEASURE VOLUME IN A DIAMOND ANVIL CELL. , 2009, , .		0
173	Acceptor Dopants in Bulk and Nanoscale ZnO. Materials Research Society Symposia Proceedings, 2012, 1494, 3-12.	0.1	0
174	Persistent Photoconductivity in Bulk Strontium Titanate. Materials Research Society Symposia Proceedings, 2014, 1675, 87-91.	0.1	0
175	Confocal microscopy of fluids under static pressure. Journal of Physics: Conference Series, 2014, 500, 142020.	0.3	0
176	No-Frills Physics. , 0, , .		0
177	Photoluminescence Mapping of Semiconductors with High Spatial Resolution. , 2020, , .		0