Henry Everitt

List of Publications by Year
in descending order

186 papers	8,330 citations	66315 42 h-index	48277 88 g-index
189 all docs	189 docs citations	189 times ranked	9326 citing authors

#	Article	IF	Citations
1	A quantum cascade laser-pumped molecular laser tunable over 1 THz. APL Photonics, 2022, 7, .	3.0	8
2	Non-Hermitian metasurface with non-trivial topology. Nanophotonics, 2022, 11, 1159-1165.	2.9	13
3	Multi-line lasing in the broadly tunable ammonia quantum cascade laser pumped molecular laser. Applied Physics Letters, 2022, 120, 081108.	1.5	5
4	Al@TiO₂ Coreâ€“Shell Nanoparticles for Plasmonic Photocatalysis. ACS Nano, 2022, 16, 5839-5850.	7.3	48
5	Compact, low threshold methyl fluoride terahertz laser pumped by a quantum cascade laser. , 2021, , .		0
6	Maximizing Performance of Quantum Cascade Laser-Pumped Molecular Lasers. Physical Review Applied, 2021, 16, .	1.5	4
7	Widely tunable quantum cascade laser-pumped methyl fluoride terahertz laser. , 2021, , .		0
8	LWIR-THz Double Resonance Spectroscopy for Remote Identification of Trace Gases. , 2021, , .		0
9	Strain Mapping with THz Metamaterial Composites. , 2021, , .		0
10	Nanoplasmonic Photothermal Heating and Near-Field Enhancements: A Comparative Survey of 19 Metals. Journal of Physical Chemistry C, 2020, 124, 7386-7395.	1.5	31
11	Synergy between thermal and nonthermal effects in plasmonic photocatalysis. Nano Research, 2020, 13, 1268-1280.	5.8	43
12	Terahertz digital holographic imaging. Advances in Optics and Photonics, 2020, 12, 1.	12.1	31
13	Strain Sensing with THz Metamaterial Composites. , 2020, , .		0
14	Room Temperature Compact Terahertz Laser Tunable over 1 THz. , 2020, , .		0
15	Infrared/THz double resonance spectroscopy at atmospheric pressure. , 2020, , .		0
16	Tunable quantum-cascade laser pumped molecular lasers for terahertz imaging. , 2020, , .		0
17	Strain Mapping with THz Metamaterial Composites. , 2020, , .		0
18	Enlightening force chains: a review of photoelasticimetry in granular matter. Granular Matter, 2019, 21, 1.	1.1	58

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19	Widely tunable compact terahertz gas lasers. Science, 2019, 366, 856-860.	6.0	69
20	Quantitative analysis of gas phase molecular constituents using frequency-modulated rotational spectroscopy. Review of Scientific Instruments, 2019, 90, 053110.	0.6	9
21	Light-Driven Chemical Looping for Ammonia Synthesis. ACS Energy Letters, 2019, 4, 1505-1512.	8.8	67
22	Confirming nonthermal plasmonic effects enhance CO2 methanation on Rh/TiO2 catalysts. Nano Research, 2019, 12, 1906-1911.	5.8	60
23	Gallium Polymorphs: Phaseâ€Dependent Plasmonics. Advanced Optical Materials, 2019, 7, 1900307.	3.6	25
24	Al doping in ZnO nanowires enhances ultraviolet emission and suppresses broad defect emission. Journal of Luminescence, 2019, 211, 264-270.	1.5	12
25	Light-Induced Thermal Gradients in Ruthenium Catalysts Significantly Enhance Ammonia Production. Nano Letters, 2019, 19, 1706-1711.	4.5	86
26	Strain Sensing with Metamaterial Composites. Advanced Optical Materials, 2019, 7, 1801397.	3.6	11
27	Cyclotron resonance in the high mobility GaAs/AlGaAs 2D electron system over the microwave, mm-wave, and terahertz- bands. Scientific Reports, 2019, 9, 2409.	1.6	5
28	Plasmonic nanoparticle-based epoxy photocuring: A deeper look. Materials Today, 2019, 27, 14-20.	8.3	11
29	Dielectric function and plasmonic behavior of Ga(II) and Ga(III). Optical Materials Express, 2019, 9, 4050.	1.6	10
30	Plasmon-Enhanced Catalysis: Distinguishing Thermal and Nonthermal Effects. Nano Letters, 2018, 18, 1714-1723.	4.5	251
31	Monitoring Chemical Reactions with Terahertz Rotational Spectroscopy. ACS Photonics, 2018, 5, 3097-3106.	3.2	19
32	A high-efficiency regime for gas-phase terahertz lasers. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6614-6619.	3.3	24
33	Linear and nonlinear optics of switchable terahertz metasurfaces. , 2018, , .		0
34	Product selectivity in plasmonic photocatalysis for carbon dioxide hydrogenation. Nature Communications, 2017, 8, 14542.	5.8	348
35	Nonlinear Saddle Point Spectroscopy and Electron-Phonon Interaction in Graphene. , 2017, , 349-386.		0
36	UVB-emitting InAlGaN multiple quantum well synthesized using plasma-assisted molecular beam epitaxy. AIP Advances, 2017, 7, 035109.	0.6	0

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37	How sulfidation of ZnO powders enhances visible fluorescence. Journal of Materials Chemistry C, 2017, 5, 10770-10776.	2.7	7
38	Millimeter wave radiation-induced magnetoresistance oscillations in the high quality GaAs/AlGaAs 2D electron system under bichromatic excitation. Physical Review B, 2017, 95, .	1.1	7
39	Characterization of an active metasurface using terahertz ellipsometry. Applied Physics Letters, 2017, 111, .	1.5	13
40	Millimeter Wave and Terahertz Synthetic Aperture Radar for Locating Metallic Scatterers Embedded in Scattering Media. IEEE Transactions on Terahertz Science and Technology, 2017, 7, 732-740.	2.0	18
41	Compressive sensing and adaptive sampling applied to millimeter wave inverse synthetic aperture imaging. Optics Express, 2017, 25, 2270.	1.7	8
42	Remotely sensed in microwave irradiated GaAs/AlGaAs two-dimensional electron system. Journal of Physics: Conference Series, 2017, 864, 012057.	0.3	1
43	The UV Plasmonic Behavior of Distorted Rhodium Nanocubes. Nanomaterials, 2017, 7, 425.	1.9	12
44	Wide bandwidth, millimeter-resolution inverse synthetic aperture radar imaging. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2017, 34, 1073.	0.8	1
45	Narrowband Metamaterial Absorber for Terahertz Secure Labeling. Journal of Infrared, Millimeter, and Terahertz Waves, 2017, 38, 1120-1129.	1.2	15
46	Recent advances in metals for plasmonics applications in the UV range. , 2017, , .		0
47	Theoretical and experimental determination of surface susceptibility of switchable terahertz metasurfaces. , 2016, , .		0
48	Carbon nanotube fiber terahertz polarizer. Applied Physics Letters, 2016, 108, .	1.5	50
49	Extraordinary Light-Induced Local Angular Momentum near Metallic Nanoparticles. ACS Nano, 2016, 10, 4835-4846.	7.3	34
50	Photoluminescence Mechanism and Photocatalytic Activity of Organicâ€“Inorganic Hybrid Materials Formed by Sequential Vapor Infiltration. Langmuir, 2016, 32, 4289-4296.	1.6	23
51	Plasmonics in the UV range with Rhodium nanocubes. Proceedings of SPIE, 2016, , .	0.8	3
52	Extraordinary local angular momentum near metallic nanoparticles (Withdrawal Notice). , 2016, , .		0
53	How an oxide shell affects the ultraviolet plasmonic behavior of Ga, Mg, and Al nanostructures. Optics Express, 2016, 24, 20621.	1.7	62
54	Global<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>k</mml:mi></mml:math>-space analysis of electron-phonon interaction in graphene and application to<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>M</mml:mi></mml:math>-point spectroscopy. Physical Review B, 2016, 93, .	1.1	3

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55	Aluminum Nanocrystals as a Plasmonic Photocatalyst for Hydrogen Dissociation. Nano Letters, 2016, 16, 1478-1484.	4.5	294
56	How Annealing and Charge Scavengers Affect Visible Emission from ZnO Nanocrystals. Journal of Physical Chemistry C, 2016, 120, 5108-5113.	1.5	5
57	Size-tunable rhodium nanostructures for wavelength-tunable ultraviolet plasmonics. Nanoscale Horizons, 2016, 1, 75-80.	4.1	62
58	Off-Axis Fresnel Digital Holography at Terahertz Frequencies. , 2016, , .		1
59	Room temperature Ultraviolet B emission from InAlGaN films synthesized by plasma-assisted molecular beam epitaxy. Applied Physics Letters, 2015, 107, .	1.5	2
60	Gallium Plasmonics: Deep Subwavelength Spectroscopic Imaging of Single and Interacting Gallium Nanoparticles. ACS Nano, 2015, 9, 2049-2060.	7.3	133
61	Rhodium Nanoparticles for Ultraviolet Plasmonics. Nano Letters, 2015, 15, 1095-1100.	4.5	119
62	Rhodium Tripod Stars for UV Plasmonics. Journal of Physical Chemistry C, 2015, 119, 12572-12580.	1.5	35
63	Aluminum Nanocrystals. Nano Letters, 2015, 15, 2751-2755.	4.5	169
64	Fano Resonant Aluminum Nanoclusters for Plasmonic Colorimetric Sensing. ACS Nano, 2015, 9, 10628-10636.	7.3	209
65	Terahertz Digital Holographic Imaging of Voids Within Visibly Opaque Dielectrics. IEEE Transactions on Terahertz Science and Technology, 2015, 5, 110-116.	2.0	35
66	Saga of efficiency degradation at high injection in InGaN light emitting diodes. Turkish Journal of Physics, 2014, 38, 269-313.	0.5	11
67	Adaptive millimeter-wave synthetic aperture imaging for compressive sampling of sparse scenes. Optics Express, 2014, 22, 13515.	1.7	4
68	Design and Signature Analysis of Remote Trace-Gas Identification Methodology Based on Infrared-Terahertz Double-Resonance Spectroscopy. Physical Review Applied, 2014, 2, .	1.5	3
69	Synthesis and Optical Properties of Undoped and Aluminum Doped ZnO Nanowires for Optoelectronic Nanodevice Applications. , 2014, , .		0
70	Room temperature photoluminescence from InxAl(1â^'x)N films deposited by plasma-assisted molecular beam epitaxy. Applied Physics Letters, 2014, 105, 132101.	1.5	7
71	Optical Characterization of Electron-Phonon Interactions at the Saddle Point in Graphene. Physical Review Letters, 2014, 112, 187401.	2.9	22
72	Polarization controllable THz stereometamaterial absorber. , 2014, , .		2

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73	Formation of novel photoluminescent hybrid materials by sequential vapor infiltration into polyethylene terephthalate fibers. Journal of Materials Research, 2014, 29, 2817-2826.	1.2	36
74	Terahertz digital holographic imaging of visibly opaque printed dielectrics. , 2014, , .		0
75	Effect of pressure and Al doping on structural and optical properties of ZnO nanowires synthesized by chemical vapor deposition. Journal of Luminescence, 2014, 146, 470-474.	1.5	37
76	Aluminum for Plasmonics. ACS Nano, 2014, 8, 834-840.	7.3	1,018
77	Ultravioletâ€“Visible Plasmonic Properties of Gallium Nanoparticles Investigated by Variable-Angle Spectroscopic and Mueller Matrix Ellipsometry. ACS Photonics, 2014, 1, 582-589.	3.2	49
78	Metals for UV Plasmonics. , 2014, , .		3
79	Probing Electron-Phonon Interactions at the Saddle Point in Graphene. , 2014, , .		0
80	Localized excitons mediate defect emission in ZnO powders. Journal of Applied Physics, 2013, 113, 133513.	1.1	32
81	Shallow acceptor complexes in p-type ZnO. Applied Physics Letters, 2013, 102, .	1.5	116
82	Ultraviolet Nanoplasmonics: A Demonstration of Surface-Enhanced Raman Spectroscopy, Fluorescence, and Photodegradation Using Gallium Nanoparticles. Nano Letters, 2013, 13, 2837-2841.	4.5	119
83	UV Plasmonic Behavior of Various Metal Nanoparticles in the Near- and Far-Field Regimes: Geometry and Substrate Effects. Journal of Physical Chemistry C, 2013, 117, 19606-19615.	1.5	263
84	The dependence of ZnO photoluminescence efficiency on excitation conditions and defect densities. Applied Physics Letters, 2013, 103, .	1.5	28
85	Spectroscopic investigation of coupling among asymmetric InGaN/GaN multiple quantum wells grown on non-polar a-plane GaN substrates. Applied Physics Letters, 2013, 103, 181106.	1.5	6
86	Terahertz photovoltaic detection of cyclotron resonance in the regime of radiation-induced magnetoresistance oscillations. Physical Review B, 2013, 87, .	1.1	36
87	Adaptive Scanning for Synthetic Aperture Imagers. , 2013, , .		1
88	Coherent Terahertz Holographic and Tomographic Imaging. , 2012, , .		0
89	Terahertz interferometric synthetic aperture tomography for confocal imaging systems. Optics Letters, 2012, 37, 1316.	1.7	16
90	Infrared-terahertz double-resonance spectroscopy of CH<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>F and CH<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>Cl at atmospheric pressure. Physical Review A, 2012, 85, .	1.0	9

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91	Ultraviolet surface-enhanced Raman scattering at the plasmonic band edge of a metallic grating. Optics Express, 2012, 20, 1868.	1.7	35
92	Polarization Sensitive Terahertz Digital Holography. , 2012, , .		1
93	Design, simulation, and characterization of THz metamaterial absorber. , 2012, , .		3
94	Aluminum Plasmonic Nanoantennas. Nano Letters, 2012, 12, 6000-6004.	4.5	497
95	Comparative reconstructions of THz spectroscopic imaging for non-destructive testing and biomedical imaging. , 2012, , .		3
96	Sulfur-doped zinc oxide (ZnO) Nanostars: Synthesis and simulation of growth mechanism. Nano Research, 2012, 5, 20-26.	5.8	41
97	UV-SERS Assisted by Nano-Focusing in Plasmonic Gratings with Tapered Slits. , 2012, , .		0
98	Continuous wave terahertz transmission imaging through near-field aperture funnels. , 2011, , .		0
99	Terahertz digital off-axis holography for non-destructive testing. , 2011, , .		9
100	Infrared/terahertz double resonance spectroscopy remote sensing. , 2011, , .		0
101	Multi detector terahertz beam profiling and imaging instrument. , 2011, , .		0
102	Nanotechnology research and development for military and industrial applications. , 2011, , .		2
103	Shape Matters: Plasmonic Nanoparticle Shape Enhances Interaction with Dielectric Substrate. Nano Letters, 2011, 11, 3531-3537.	4.5	122
104	Spatio-temporal theory of lasing action in optically-pumped rotationally excited molecular gases. Optics Express, 2011, 19, 7513.	1.7	11
105	Terahertz digital holography using angular spectrum and dual wavelength reconstruction methods. Optics Express, 2011, 19, 9192.	1.7	140
106	Infrared/terahertz double resonance for chemical remote sensing: signatures and performance predictions. , 2010, , .		0
107	Effect of oxygen pressure on the structure and luminescence of Euâ€doped Gd₂O₃ thin films. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 1949-1953.	0.8	2
108	Spectra and energy levels of Eu3+ in cubic phase Gd2O3. Physica Status Solidi (B): Basic Research, 2010, 247, 1807-1813.	0.7	10

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109	Optimal composition of europium gallium oxide thin films for device applications. Journal of Applied Physics, 2010, 107, .	1.1	26
110	Effects of reabsorption and spatial trap distributions on the radiative quantum efficiencies of ZnO. Physical Review B, 2010, 81, .	1.1	38
111	Instrumentation for beam profiling in the terahertz regime. , 2010, , .		1
112	Transmissive quasi-optical Ronchi phase grating for terahertz frequencies. Optics Letters, 2010, 35, 3658.	1.7	10
113	Direct and indirect photoluminescence excitation and ultraviolet emission from Tm-doped AlxGa1â^'xN. Journal of Applied Physics, 2009, 105, 083509.	1.1	2
114	Effect of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mtext>Tm</mml:mtext></mml:mrow><mml:mrow><mml:mn>3</mml:m defects on the photoexcitation energy relaxation in Tm-doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Al</mml:mtext></mml:mrow><mml:mrow><mml:mi>x</mml:mi></mml:msub> Physical Review B, 2009, 79, .	1.1	8
115	Band bending and adsorption/desorption kinetics on N-polar GaN surfaces. Journal of Vacuum Science & Technology B, 2009, 27, 107-112.	1.3	12
116	Effect of the surface states on photoluminescence from surface GaN/Al _{0.2} Ga _{0.8} N quantum wells. Europhysics Letters, 2009, 87, 47007.	0.7	0
117	Demonstration of Surface-Enhanced Raman Scattering by Tunable, Plasmonic Gallium Nanoparticles. Journal of the American Chemical Society, 2009, 131, 12032-12033.	6.6	81
118	Diameter-Controlled Vaporâ^'Solid Epitaxial Growth and Properties of Aligned ZnO Nanowire Arrays. Journal of Physical Chemistry C, 2009, 113, 3950-3954.	1.5	40
119	The potential of wide band-gap semiconductor materials in laser-induced semiconductor switches. Proceedings of SPIE, 2009, , .	0.8	2
120	Plasmonic Gallium Nanoparticles on Polar Semiconductors: Interplay between Nanoparticle Wetting, Localized Surface Plasmon Dynamics, and Interface Charge. Langmuir, 2009, 25, 924-930.	1.6	54
121	A Double Resonance Approach to Submillimeter/Terahertz Remote Sensing at Atmospheric Pressure. IEEE Journal of Quantum Electronics, 2009, 45, 163-170.	1.0	27
122	Carrier dynamics and photoexcited emission efficiency of ZnO:Zn phosphor powders. Proceedings of SPIE, 2009, , .	0.8	2
123	Comparison of conjugated polymer deposition techniques by photoluminescence spectroscopy. Journal of Vacuum Science & Technology B, 2009, 27, 2227.	1.3	12
124	Facile Gramâ€Scale Growth of Singleâ€Crystalline Nanotetrapodâ€Assembled ZnO Through a Rapid Process. European Journal of Inorganic Chemistry, 2008, 2008, 3172-3176.	1.0	11
125	A visible transparent electroluminescent europium doped gallium oxide device. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 146, 252-255.	1.7	36
126	Indium adlayer kinetics on the gallium nitride (0001) surface: Monitoring indium segregation and precursor-mediated adsorption. Physical Review B, 2008, 77, .	1.1	34

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127	Effect of ion damage on optical properties of ZnO films grown by plasma-assisted MBE. Proceedings of SPIE, 2008, , .	0.8	1
128	Kinetics of gallium adlayer adsorption/desorption on polar and nonpolar GaN surfaces. Journal of Vacuum Science & Technology B, 2007, 25, 969.	1.3	25
129	Influence of temperature and photoexcitation density on the quantum efficiency of defect emission in ZnO powders. Applied Physics Letters, 2007, 91, 011902.	1.5	20
130	Low dislocation densities and long carrier lifetimes in GaN thin films grown on a SiNx nanonetwork. Applied Physics Letters, 2007, 90, 041107.	1.5	48
131	Low dislocation density GaN grown by MOCVD with SiN x nano-network. , 2007, , .		0
132	Carrier relaxation and stimulated emission in ZnO nanorods grown by catalyst-assisted vapor transport on various substrates. , 2007, , .		3
133	Two-step epitaxial lateral overgrowth of a -plane GaN by MOCVD. , 2007, , .		0
134	Spectroscopic and energy transfer studies of Eu3+ centers in GaN. Journal of Applied Physics, 2007, 102, 073520.	1.1	48
135	Real-time plasmon resonance tuning of liquid Ga nanoparticles by in situ spectroscopic ellipsometry. Applied Physics Letters, 2007, 90, 103119.	1.5	89
136	Epitaxial lateral overgrowth of a-plane GaN by metalorganic chemical vapor deposition. Journal of Applied Physics, 2007, 102, 053506.	1.1	29
137	Spin-Cast Deposition of CdSe-CdS Core-Shell Colloidal Quantum Dots on Doped GaAs Substrates: Structural and Optical Characterization. IEEE Nanotechnology Magazine, 2007, 6, 413-420.	1.1	4
138	Near-field scanning optical microscopy and time-resolved optical characterization of epitaxial lateral overgrown c-plane and a-plane GaN. Applied Physics Letters, 2006, 89, 262117.	1.5	11
139	Photoluminescence study of ZnO films codoped with nitrogen and tellurium. Journal of Applied Physics, 2006, 100, 123102.	1.1	12
140	Time-Resolved Investigation of Bright Visible Wavelength Luminescence from Sulfur-Doped ZnO Nanowires and Micropowders. Nano Letters, 2006, 6, 1126-1130.	4.5	102
141	Characterization of GaN epitaxial films grown on SiN x and TiN x porous network templates. , 2006, , .		2
142	Thermal conductivity of bulk ZnO after different thermal treatments. Journal of Electronic Materials, 2006, 35, 550-555.	1.0	55
143	Morphology and Optical Properties of ZnO Nanorods Grown by Catalyst-assisted Vapor Transport on Various Substrates. Materials Research Society Symposia Proceedings, 2006, 963, 1.	0.1	2
144	Kinetics of gallium adsorption and desorption on (0001) gallium nitride surfaces. Applied Physics Letters, 2006, 89, 181915.	1.5	16

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145	Optical characterization of Eu-doped Î²-Ga2O3 thin films. Applied Physics Letters, 2006, 88, 221906.	1.5	60
146	Optical studies of carrier dynamics and non-equilibrium optical phonons in nitride-based wide bandgap semiconductors. Superlattices and Microstructures, 2005, 38, 77-114.	1.4	19
147	Effect of optical excitation energy on the red luminescence of Eu3+ in GaN. Applied Physics Letters, 2005, 86, 051110.	1.5	37
148	Refractive indices of ZnSiN2 on r-plane sapphire. Applied Physics Letters, 2005, 86, 121906.	1.5	9
149	Increased carrier lifetimes in GaN epitaxial films grown using SiN and TiN porous network layers. Journal of Applied Physics, 2005, 97, 103704.	1.1	17
150	Long carrier lifetimes in GaN epitaxial layers grown using TiN porous network templates. Applied Physics Letters, 2005, 86, 232106.	1.5	22
151	Size Dependence of Carrier Recombination Efficiency in GaN Quantum Dots. IEEE Nanotechnology Magazine, 2005, 4, 297-299.	1.1	4
152	Relaxation Dynamics in Rare Earth-Doped GaN. , 2005, , .		0
153	Bright, Eye-matched Visible Emission from ZnO Nanowires. , 2005, , .		0
154	Temperature dependence of energy transfer mechanisms in Eu-doped GaN. Journal of Applied Physics, 2004, 95, 7717-7724.	1.1	54
155	Optical Properties of II-IV-N2 Semiconductors. Materials Research Society Symposia Proceedings, 2004, 831, 218.	0.1	11
156	Special Issue on Experimental Aspects of Quantum Computing: Introduction. Quantum Information Processing, 2004, 3, 1-4.	1.0	17
157	Stimulated emission and time-resolved photoluminescence in rf-sputtered ZnO thin films. Applied Physics Letters, 2004, 84, 3223-3225.	1.5	115
158	Excitonic fine structure and recombination dynamics in single-crystallineZnO. Physical Review B, 2004, 70, .	1.1	662
159	Ultrafast carrier relaxation in group-III nitride multiple quantum wells. , 2004, , .		1
160	Enhanced radiative efficiency in gan quantum dots grown by molecular beam epitaxy. IEEE Nanotechnology Magazine, 2003, 2, 10-14.	1.1	10
161	Stimulated emission and ultrafast carrier relaxation in InGaN multiple quantum wells. Applied Physics Letters, 2003, 82, 1416-1418.	1.5	16
162	Ultrafast carrier relaxation in GaN,In0.05Ga0.95N,and anIn0.07Ga0.93N/In0.12Ga0.88Nmultiple quantum well. Physical Review B, 2003, 67, .	1.1	20

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163	Stimulated emission and ultrafast carrier relaxation in AlGaN/GaN multiple quantum wells. Applied Physics Letters, 2003, 82, 4080-4082.	1.5	12
164	Enhancement of spontaneous recombination rate in a quantum well by resonant surface plasmon coupling. Physical Review B, 2002, 66, .	1.1	346
165	Variable stars in the core of the globular cluster M3. Monthly Notices of the Royal Astronomical Society, 2002, 335, 621-627.	1.6	8
166	Systematic measurement of AlxGa1â^'xN refractive indices. Applied Physics Letters, 2001, 79, 4103-4105.	1.5	77
167	Spectral purity and sources of noise in femtosecond-demodulation terahertz sources driven by Ti:sapphire mode-locked lasers. IEEE Journal of Quantum Electronics, 2001, 37, 595-605.	1.0	11
168	Temperature Dependence and Reflection of Coherent Acoustic Phonons in InGaN Multiple Quantum Wells. Physica Status Solidi (B): Basic Research, 2001, 228, 85-89.	0.7	3
169	Control of Coherent Acoustic Phonons in Semiconductor Quantum Wells. Physical Review Letters, 2001, 86, 5604-5607.	2.9	91
170	Refractive indices and absorption coefficients of MgxZn1â^'xO alloys. Applied Physics Letters, 2000, 76, 979-981.	1.5	191
171	Ultrafast optical characterization of carrier capture times in InxGa1â^'xN multiple quantum wells. Applied Physics Letters, 2000, 77, 109-111.	1.5	25
172	Two-dimensional photonic crystal Fabry-Perot resonators with lossy dielectrics. IEEE Transactions on Microwave Theory and Techniques, 1999, 47, 2085-2091.	2.9	53
173	Ordinary and extraordinary refractive indices for AlxGa1â^'xN epitaxial layers. Applied Physics Letters, 1999, 75, 67-69.	1.5	76
174	Femtosecond demodulation source for highâ€resolution submillimeter spectroscopy. Applied Physics Letters, 1995, 67, 3810-3812.	1.5	22
175	Rotational Energy Transfer in Small Polyatomic Molecules11For Rodney I. McCormick (1946â€“1994), a leader, a scholar, and a friend.. Advances in Atomic, Molecular and Optical Physics, 1995, , 331-400.	2.3	11
176	The temperature dependence of fast vibrational energy transfer processes in methyl fluoride. Molecular Physics, 1993, 79, 1087-1101.	0.8	3
177	Collisions and rotational spectroscopy. Journal of Molecular Spectroscopy, 1992, 153, 324-339.	0.4	9
178	Frequency stability and reproducibility of optically pumped farâ€infrared lasers. Applied Physics Letters, 1990, 57, 2882-2884.	1.5	7
179	A timeâ€resolved study of rotational energy transfer into A and E symmetry species of 13CH3F. Journal of Chemical Physics, 1989, 90, 3520-3527.	1.2	15
180	Modeling of collisional energy transfer in optically pumped far infrared lasers. , 1987, , .		0

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181	An experimental investigation of energy transfer in optically pumped fir lasers. , 1987, , .		0
182	A small tunable optically pumped far infrared laser. , 1987, , .		0
183	Dynamics and tunability of a small optically pumped cw farâ€infrared laser. Applied Physics Letters, 1986, 49, 995-997.	1.5	40
184	Acetabular Component Deformation under Rim Loading Using Digital Image Correlation and Finite Element Methods. Applied Mechanics and Materials, 0, 24-25, 275-280.	0.2	5
185	Mapping Active Strain Using Terahertz Metamaterial Laminates. APL Photonics, 0, , .	3.0	1
186	Accurately Measuring Molecular Rotational Spectra in Excited Vibrational Modes. Applied Spectroscopy, 0, , 000370282211111.	1.2	0