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List of Publications by Year
in descending order

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1,072	35,365	4136 87	8156 148
papers	citations	h-index	g-index

1080	1080	1080	25305
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Subwavelength-diameter silica wires for low-loss optical wave guiding. Nature, 2003, 426, 816-819.	13.7	1,500
2	Ultrabroadband Light Absorption by a Sawtooth Anisotropic Metamaterial Slab. Nano Letters, 2012, 12, 1443-1447.	4.5	864
3	Ultra-broadband microwave metamaterial absorber. Applied Physics Letters, 2012, 100, .	1.5	837
4	A silicon-based hybrid plasmonic waveguide with a metal cap for a nano-scale light confinement. Optics Express, 2009, 17, 16646.	1.7	500
5	Using 915 nm Laser Excited Tm³⁺/Er³⁺/Ho³⁺-Doped NaYbF4 Upconversion Nanoparticles for in Vitro and Deeper in Vivo Bioimaging without Overheating Irradiation. ACS Nano, 2011, 5, 3744-3757.	7.3	490
6	Plasmonic and metamaterial structures as electromagnetic absorbers. Laser and Photonics Reviews, 2014, 8, 495-520.	4.4	489
7	Omnidirectional, polarization-insensitive and broadband thin absorber in the terahertz regime. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 498.	0.9	486
8	Novel surface plasmon waveguide for high integration. Optics Express, 2005, 13, 6645.	1.7	470
9	Broadband High-Efficiency Half-Wave Plate: A Supercell-Based Plasmonic Metasurface Approach. ACS Nano, 2015, 9, 4111-4119.	7.3	387
10	90Â° polarization rotator using a bilayered chiral metamaterial with giant optical activity. Applied Physics Letters, 2010, 96, .	1.5	361
11	Ultrawideband MIMO/Diversity Antennas With a Tree-Like Structure to Enhance Wideband Isolation. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 1279-1282.	2.4	354
12	Surface Plasmon Bragg Gratings Formed in Metal-Insulator-Metal Waveguides. IEEE Photonics Technology Letters, 2007, 19, 91-93.	1.3	343
13	Self-Alignment of Plasmonic Gold Nanorods in Reconfigurable Anisotropic Fluids for Tunable Bulk Metamaterial Applications. Nano Letters, 2010, 10, 1347-1353.	4.5	322
14	Rapid Fabrication of Complex 3D Extracellular Microenvironments by Dynamic Optical Projection Stereolithography. Advanced Materials, 2012, 24, 4266-4270.	11.1	302
15	Sensitivity Enhancement of Transition Metal Dichalcogenides/Silicon Nanostructure-based Surface Plasmon Resonance Biosensor. Scientific Reports, 2016, 6, 28190.	1.6	299
16	Topological colloids. Nature, 2013, 493, 200-205.	13.7	276
17	Assembly of Silica Nanowires on Silica Aerogels for Microphotonic Devices. Nano Letters, 2005, 5, 259-262.	4.5	274
18	Propagation of various dark hollow beams in a turbulent atmosphere. Optics Express, 2006, 14, 1353.	1.7	270

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19	Polarization management for silicon photonic integrated circuits. Laser and Photonics Reviews, 2013, 7, 303-328.	4.4	265
20	Optical and electrical properties of efficiency enhanced polymer solar cells with Au nanoparticles in a PEDOTâ€“PSS layer. Journal of Materials Chemistry, 2011, 21, 16349.	6.7	259
21	Onâ€chip silicon 8â€channel hybrid (de)multiplexer enabling simultaneous modeâ€•and polarizationâ€divisionâ€multiplexing. Laser and Photonics Reviews, 2014, 8, L18.	4.4	251
22	A thin film broadband absorber based on multi-sized nanoantennas. Applied Physics Letters, 2011, 99, .	1.5	250
23	Achieving high-efficiency emission depletion nanoscopy by employing cross relaxation in upconversion nanoparticles. Nature Communications, 2017, 8, 1058.	5.8	239
24	Multifunctional Gold Nanorods with Ultrahigh Stability and Tunability for Inâ€…Vivo Fluorescence Imaging, SERS Detection, and Photodynamic Therapy. Angewandte Chemie - International Edition, 2013, 52, 1148-1151.	7.2	222
25	Propagation of a partially coherent twisted anisotropic Gaussian Schell-model beam in a turbulent atmosphere. Applied Physics Letters, 2006, 89, 041117.	1.5	205
26	Experimental Demonstration of a Multiphysics Cloak: Manipulating Heat Flux and Electric Current Simultaneously. Physical Review Letters, 2014, 113, 205501.	2.9	203
27	Fiber-taper seeded long-period grating pair as a highly sensitive refractive-index sensor. IEEE Photonics Technology Letters, 2005, 17, 1247-1249.	1.3	199
28	Quantum Rod Bioconjugates as Targeted Probes for Confocal and Two-Photon Fluorescence Imaging of Cancer Cells. Nano Letters, 2007, 7, 761-765.	4.5	188
29	Mutual Coupling Reduction of Two PIFAs With a T-Shape Slot Impedance Transformer for MIMO Mobile Terminals. IEEE Transactions on Antennas and Propagation, 2012, 60, 1521-1531.	3.1	178
30	Localized surface plasmon resonance enhanced organic solar cell with gold nanospheres. Applied Energy, 2011, 88, 848-852.	5.1	174
31	Narrow band perfect absorber for maximum localized magnetic and electric field enhancement and sensing applications. Scientific Reports, 2016, 6, 24063.	1.6	174
32	Closely-Packed UWB MIMO/Diversity Antenna With Different Patterns and Polarizations for USB Dongle Applications. IEEE Transactions on Antennas and Propagation, 2012, 60, 4372-4380.	3.1	170
33	Biologically Inspired Polydopamine Capped Gold Nanorods for Drug Delivery and Light-Mediated Cancer Therapy. ACS Applied Materials & Interfaces, 2016, 8, 24368-24384.	4.0	162
34	Low-loss and broadband 2â€‰Ã—â€‰2 silicon thermo-optic Machâ€“Zehnder switch with bent directional couplers. Optics Letters, 2016, 41, 836.	1.7	159
35	Low-loss hybrid plasmonic waveguide with double low-index nano-slots. Optics Express, 2010, 18, 17958.	1.7	155
36	Metallic Nanostructures as Localized Plasmon Resonance Enhanced Scattering Probes for Multiplex Dark-Field Targeted Imaging of Cancer Cells. Journal of Physical Chemistry C, 2009, 113, 2676-2684.	1.5	152

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37	A Compact Planar MIMO Antenna System of Four Elements With Similar Radiation Characteristics and Isolation Structure. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 1107-1110.	2.4	151
38	Graphene nano-ribbon waveguides of record-small mode area and ultra-high effective refractive indices for future VLSI. Optics Express, 2013, 21, 30664.	1.7	148
39	Observation of Multiphotonâ€Induced Fluorescence from Graphene Oxide Nanoparticles and Applications in Inâ€...Vivo Functional Bioimaging. Angewandte Chemie - International Edition, 2012, 51, 10570-10575.	7.2	147
40	Frequency range and explicit expressions for negative permittivity and permeability for an isotropic medium formed by a lattice of perfectly conducting particles. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 311, 254-263.	0.9	146
41	Low-cost high-performance fiber-optic pH sensor based on thin-core fiber modal interferometer. Optics Express, 2009, 17, 22296.	1.7	146
42	Characteristic Mode Based Tradeoff Analysis of Antenna-Chassis Interactions for Multiple Antenna Terminals. IEEE Transactions on Antennas and Propagation, 2012, 60, 490-502.	3.1	142
43	Upconverting nanoparticles for preâ€clinical diffuse optical imaging, microscopy and sensing: Current trends and future challenges. Laser and Photonics Reviews, 2013, 7, 663-697.	4.4	141
44	Photosensitizer encapsulated organically modified silica nanoparticles for direct two-photon photodynamic therapy and InÂVivo functional imaging. Biomaterials, 2012, 33, 4851-4860.	5.7	138
45	Highly efficient nonuniform grating coupler for silicon-on-insulator nanophotonic circuits. Optics Letters, 2010, 35, 1290.	1.7	136
46	Fluorescence-surface enhanced Raman scattering co-functionalized gold nanorods as near-infrared probes for purely optical in vivo imaging. Biomaterials, 2011, 32, 1601-1610.	5.7	135
47	Thermally tunable silicon photonic microdisk resonator with transparent graphene nanoheaters. Optica, 2016, 3, 159.	4.8	131
48	Finite-Size Effects of a Left-Handed Material Slab on the Image Quality. Physical Review Letters, 2004, 92, 107404.	2.9	129
49	Polarization beam splitter based on a two-dimensional photonic crystal of pillar type. Applied Physics Letters, 2006, 89, 171115.	1.5	128
50	Enhanced Near-Field Thermal Radiation Based on Multilayer Graphene-hBN Heterostructures. ACS Photonics, 2017, 4, 971-978.	3.2	126
51	Ultrabroadband strong light absorption based on thin multilayered metamaterials. Laser and Photonics Reviews, 2014, 8, 946-953.	4.4	125
52	Average intensity and spreading of an elliptical Gaussian beam propagating in a turbulent atmosphere. Optics Letters, 2006, 31, 568.	1.7	124
53	Monolithically integrated 64-channel silicon hybrid demultiplexer enabling simultaneous wavelength- and mode-division-multiplexing. Laser and Photonics Reviews, 2015, 9, 339-344.	4.4	122
54	Giant negative Goos-HÃnchen shifts for a photonic crystal with a negative effective index. Optics Express, 2006, 14, 3024.	1.7	120

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55	Ultracompact low-loss coupler between strip and slot waveguides. Optics Letters, 2009, 34, 1498.	1.7	119
56	A quantitative study on detection and estimation of weak signals by using chaotic duffing oscillators. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2003, 50, 945-953.	0.1	117
57	Broadband THz Absorbers With Graphene-Based Anisotropic Metamaterial Films. IEEE Transactions on Terahertz Science and Technology, 2013, 3, 757-763.	2.0	116
58	Design of two-dimensional photonic crystals with large absolute band gaps using a genetic algorithm. Physical Review B, 2003, 68, .	1.1	113
59	Optical fiber relative humidity sensor based on FBG incorporated thin-core fiber â€¨modal interferometer. Optics Express, 2011, 19, 4140.	1.7	110
60	A transient thermal cloak experimentally realized through a rescaled diffusion equation with anisotropic thermal diffusivity. NPG Asia Materials, 2013, 5, e73-e73.	3.8	110
61	Design and fabrication of ultra-small overlapped AWG demultiplexer based on -Si nanowire waveguides. Electronics Letters, 2006, 42, 400.	0.5	109
62	SILICON MULTIMODE PHOTONIC INTEGRATED DEVICES FOR ON-CHIP MODE-DIVISION-MULTIPLEXED OPTICAL INTERCONNECTS. Progress in Electromagnetics Research, 2013, 143, 773-819.	1.6	109
63	A nonorthogonal finite-difference time-domain method for computing the band structure of a two-dimensional photonic crystal with dielectric and metallic inclusions. Journal of Applied Physics, 2000, 87, 8268-8275.	1.1	108
64	Numerical method for computing defect modes in two-dimensional photonic crystals with dielectric or metallic inclusions. Physical Review B, 2000, 61, 12871-12876.	1.1	106
65	Imaging Pancreatic Cancer Using Surface-Functionalized Quantum Dots. Journal of Physical Chemistry B, 2007, 111, 6969-6972.	1.2	106
66	Ultrathin and lightweight microwave absorbers made of mu-near-zero metamaterials. Scientific Reports, 2013, 3, 2083.	1.6	106
67	Photonic crystal slot nanobeam slow light waveguides for refractive index sensing. Applied Physics Letters, 2010, 97, .	1.5	105
68	Fluorescence quenching of quantum dots by gold nanorods and its application to DNA detection. Applied Physics Letters, 2009, 94, 063111.	1.5	103
69	Fiber-Optic High-Temperature Sensor Based on Thin-Core Fiber Modal Interferometer. IEEE Sensors Journal, 2010, 10, 1415-1418.	2.4	102
70	Two-Dimensional Transition Metal Dichalcogenide Enhanced Phase-Sensitive Plasmonic Biosensors: Theoretical Insight. Journal of Physical Chemistry C, 2017, 121, 6282-6289.	1.5	101
71	Observing of the super-Planckian near-field thermal radiation between graphene sheets. Nature Communications, 2018, 9, 4033.	5.8	101
72	A compact ultraâ€wideband slot antenna with multiple notch frequency bands. Microwave and Optical Technology Letters, 2007, 49, 3056-3060.	0.9	100

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73	Biocompatible and Photostable AIE Dots with Red Emission for In Vivo Two-Photon Bioimaging. Scientific Reports, 2014, 4, 4279.	1.6	100
74	Highâ€Order Nonâ€Linear Optical Effects in Organic Luminogens with Aggregationâ€Induced Emission. Advanced Materials, 2015, 27, 2332-2339.	11.1	99
75	Influence of the surface termination to the point imaging by a photonic crystal slab with negative refraction. Applied Physics Letters, 2004, 85, 4269.	1.5	98
76	Stable and Size-Tunable Aggregation-Induced Emission Nanoparticles Encapsulated with Nanographene Oxide and Applications in Three-Photon Fluorescence Bioimaging. ACS Nano, 2016, 10, 588-597.	7.3	97
77	Sandwiched long-period gratings for simultaneous measurement of refractive index and temperature. IEEE Photonics Technology Letters, 2005, 17, 2397-2399.	1.3	96
78	Focusing by a slab of chiral medium. Optics Express, 2005, 13, 4974.	1.7	96
79	Reducing Mutual Coupling for an Extremely Closely-Packed Tunable Dual-Element PIFA Array Through a Resonant Slot Antenna Formed In-Between. IEEE Transactions on Antennas and Propagation, 2010, 58, 2771-2776.	3.1	96
80	An open-cavity Fabry-Perot interferometer with PVA coating for simultaneous measurement of relative humidity and temperature. Sensors and Actuators B: Chemical, 2016, 225, 50-56.	4.0	95
81	A study of mesoporous silica-encapsulated gold nanorods as enhanced light scattering probes for cancer cell imaging. Nanotechnology, 2010, 21, 055704.	1.3	92
82	Aggregation-enhanced fluorescence in PEGylated phospholipid nanomicelles for inÂvivo imaging. Biomaterials, 2011, 32, 5880-5888.	5.7	92
83	Large complete band gap in two-dimensional photonic crystals with elliptic air holes. Physical Review B, 1999, 60, 10610-10612.	1.1	91
84	High-Resolution Strain and Temperature Sensor Based on Distributed Bragg Reflector Fiber Laser. IEEE Photonics Technology Letters, 2007, 19, 1598-1600.	1.3	90
85	A Simple Compact Reconfigurable Slot Antenna With a Very Wide Tuning Range. IEEE Transactions on Antennas and Propagation, 2010, 58, 3725-3728.	3.1	90
86	Band structure for a one-dimensional photonic crystal containing left-handed materials. Physical Review B, 2003, 67, .	1.1	89
87	Channel-spacing-tunable multi-wavelength fiber ring laser with hybrid Raman and Erbium-doped fiber gains. Optics Express, 2007, 15, 930.	1.7	89
88	Gain enhancement in a hybrid plasmonic nano-waveguide with a low-index or high-index gain medium. Optics Express, 2011, 19, 12925.	1.7	87
89	Backward wave region and negative material parameters of a structure formed by lattices of wires and split-ring resonators. IEEE Transactions on Antennas and Propagation, 2003, 51, 2582-2591.	3.1	86
90	Decoupling of Multiple Antennas in Terminals With Chassis Excitation Using Polarization Diversity, Angle Diversity and Current Control. IEEE Transactions on Antennas and Propagation, 2012, 60, 5947-5957.	3.1	86

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91	Propagation of hollow Gaussian beams through apertured paraxial optical systems. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2006, 23, 1410.	0.8	85
92	Proposal for a Grating Waveguide Serving as Both a Polarization Splitter and an Efficient Coupler for Silicon-on-Insulator Nanophotonic Circuits. IEEE Photonics Technology Letters, 2009, 21, 242-244.	1.3	84
93	Wave splitting of the telegraph equation in R 3 and its application to inverse scattering. Inverse Problems, 1993, 9, 789-812.	1.0	82
94	Reduction of the Envelope Correlation Coefficient With Improved Total Efficiency for Mobile LTE MIMO Antenna Arrays: Mutual Scattering Mode. IEEE Transactions on Antennas and Propagation, 2013, 61, 3280-3291.	3.1	82
95	Three-Photon Luminescence of Gold Nanorods and Its Applications for High Contrast Tissue and Deep In Vivo Brain Imaging. Theranostics, 2015, 5, 251-266.	4.6	82
96	Compact Substrate Integrated Waveguide (SIW) Bandpass Filter With Complementary Split-Ring Resonators (CSRRs). IEEE Microwave and Wireless Components Letters, 2010, 20, 426-428.	2.0	80
97	InGaAs PIN photodetectors integrated on silicon-on-insulator waveguides. Optics Express, 2010, 18, 1756.	1.7	80
98	Adaptive Quad-Element Multi-Wideband Antenna Array for User-Effective LTE MIMO Mobile Terminals. IEEE Transactions on Antennas and Propagation, 2013, 61, 4275-4283.	3.1	80
99	Silicon hybrid plasmonic submicron-donut resonator with pure dielectric access waveguides. Optics Express, 2011, 19, 23671.	1.7	78
100	Tens of thousandsâ€fold upconversion luminescence enhancement induced by a single gold nanorod. Laser and Photonics Reviews, 2015, 9, 479-487.	4.4	78
101	Lithography-free, broadband, omnidirectional, and polarization-insensitive thin optical absorber. Applied Physics Letters, 2015, 106, .	1.5	77
102	Focusing properties of a photonic crystal slab with negative refraction. Physical Review B, 2004, 70, .	1.1	76
103	Optical manipulation of shape-morphing elastomeric liquid crystal microparticles doped with gold nanocrystals. Applied Physics Letters, 2012, 100, .	1.5	76
104	Estimation of amplitude and phase of a weak signal by using the property of sensitive dependence on initial conditions of a nonlinear oscillator. Signal Processing, 2002, 82, 103-115.	2.1	75
105	Novel Knob-integrated fiber Bragg grating sensor with polyvinyl alcohol coating for simultaneous relative humidity and temperature measurement. Optics Express, 2015, 23, 15624.	1.7	75
106	Optical field enhancement in nanoscale slot waveguides of hyperbolic metamaterials. Optics Letters, 2012, 37, 2907.	1.7	73
107	Implementation and Characterization of Liquid-Level Sensor Based on a Long-Period Fiber Grating Machâ€“Zehnder Interferometer. IEEE Sensors Journal, 2011, 11, 2878-2882.	2.4	72
108	Sub-Î¼m^2 power splitters by using silicon hybrid plasmonic waveguides. Optics Express, 2011, 19, 838.	1.7	72

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109	Multiple fiber Bragg grating interrogation based on a spectrum-limited Fourier domain mode-locking fiber laser. Optics Letters, 2008, 33, 1395.	1.7	71
110	Revealing the truth about â€˜trapped rainbowâ€™ storage of light in metamaterials. Scientific Reports, 2012, 2, 583.	1.6	71
111	Fabrication and Characterization of Small Optical Ridge Waveguides Based on SU-8 Polymer. Journal of Lightwave Technology, 2009, 27, 4091-4096.	2.7	70
112	Enhancing extraordinary transmission of light through a metallic nanoslit with a nanocavity antenna. Optics Letters, 2009, 34, 16.	1.7	69
113	In-situ dual-channel surface plasmon resonance fiber sensor for temperature-compensated detection of glucose concentration. Optics Express, 2020, 28, 21046.	1.7	69
114	Stable and uniform multi-wavelength fiber laser based on hybrid Raman and Erbium-doped fiber gains. Optics Express, 2006, 14, 10522.	1.7	67
115	Optimization of Optical Excitation of Upconversion Nanoparticles for Rapid Microscopy and Deeper Tissue Imaging with Higher Quantum Yield. Theranostics, 2013, 3, 306-316.	4.6	67
116	Enhancing fluorescence of quantum dots by silica-coated gold nanorods under one- and two-photon excitation. Optics Express, 2010, 18, 11335.	1.7	66
117	Proposal for an Ultracompact Polarization-Beam Splitter Based on a Photonic-Crystal-Assisted Multimode Interference Coupler. IEEE Photonics Technology Letters, 2007, 19, 825-827.	1.3	65
118	Raman reporter-coated gold nanorods and their applications in multimodal optical imaging of cancer cells. Analytical and Bioanalytical Chemistry, 2011, 400, 2793-2800.	1.9	65
119	Plasmonic Complex Fluids of Nematiclike and Helicoidal Self-Assemblies of Gold Nanorods with a Negative Order Parameter. Physical Review Letters, 2012, 109, 088301.	2.9	65
120	Graphene-based transparent flexible heat conductor for thermally tuning nanophotonic integrated devices. Applied Physics Letters, 2014, 105, .	1.5	65
121	Improved Flexible Transparent Conductive Electrodes based on Silver Nanowire Networks by a Simple Sunlight Illumination Approach. Scientific Reports, 2017, 7, 42052.	1.6	65
122	Optimal design of a two-dimensional photonic crystal of square lattice with a large complete two-dimensional bandgap. Journal of the Optical Society of America B: Optical Physics, 2000, 17, 1027.	0.9	64
123	Three-dimensional magnetic cloak working from d.c. to 250â€‰kHz. Nature Communications, 2015, 6, 8931.	5.8	63
124	High-directivity patch antenna with both photonic bandgap substrate and photonic bandgap cover. Microwave and Optical Technology Letters, 2001, 30, 41-44.	0.9	62
125	Simultaneous Measurement of Refractive Index and Temperature by Using Dual Long-Period Gratings With an Etching Process. IEEE Sensors Journal, 2007, 7, 1360-1361.	2.4	62
126	SAR Study of Different MIMO Antenna Designs for LTE Application in Smart Mobile Handsets. IEEE Transactions on Antennas and Propagation, 2013, 61, 3270-3279.	3.1	62

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127	Bio-molecule-conjugated fluorescent organically modified silica nanoparticles as optical probes for cancer cell imaging. Optics Express, 2008, 16, 19568.	1.7	61
128	Reduced interhemispheric functional connectivity of children with autism spectrum disorder: evidence from functional near infrared spectroscopy studies. Biomedical Optics Express, 2014, 5, 1262.	1.5	61
129	Slow propagation of electromagnetic waves in a dielectric slab waveguide with a left-handed material substrate. IEEE Microwave and Wireless Components Letters, 2006, 16, 96-98.	2.0	60
130	Multimode interference effect in plasmonic subwavelength waveguides and an ultra-compact power splitter. Optics Communications, 2007, 278, 199-203.	1.0	60
131	Functionalized near-infrared quantum dots forin vivotumor vasculature imaging. Nanotechnology, 2010, 21, 145105.	1.3	60
132	Highly sensitive bending sensor based on Er^3+-doped DBR fiber laser. Optics Express, 2010, 18, 17834.	1.7	60
133	Arbitrarily thin metamaterial structure for perfect absorption and giant magnification. Optics Express, 2011, 19, 11114.	1.7	60
134	Enhancing and suppressing radiation with some permeability-near-zero structures. Optics Express, 2010, 18, 16587.	1.7	59
135	Aggregation-Induced Emission Nanoparticles Encapsulated with PEGylated Nano Graphene Oxide and Their Applications in Two-Photon Fluorescence Bioimaging and Photodynamic Therapy in Vitro and in Vivo. ACS Applied Materials & Interfaces, 2018, 10, 25037-25046.	4.0	59
136	An optimization approach to two-dimensional time domain electromagnetic inverse problems. Radio Science, 2000, 35, 525-536.	0.8	58
137	Localized surface plasmon resonance (LSPR) of polyelectrolyte-functionalized gold-nanoparticles for bio-sensing. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 332, 172-179.	2.3	58
138	Experimental demonstration of an ultracompact Si-nanowire-based reflective arrayed-waveguide grating (de)multiplexer with photonic crystal reflectors. Optics Letters, 2010, 35, 2594.	1.7	58
139	Full-color enhanced second harmonic generation using rainbow trapping in ultrathin hyperbolic metamaterials. Nature Communications, 2021, 12, 6425.	5.8	58
140	Optical Refractive-Index Sensor Based on Dual Fiber-Bragg Gratings Interposed With a Multimode-Fiber Taper. IEEE Photonics Technology Letters, 2007, 19, 30-32.	1.3	57
141	An Electrically Small Frequency Reconfigurable Antenna With a Wide Tuning Range. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 103-106.	2.4	57
142	EVANESCENT-MODE SUBSTRATE INTEGRATED WAVEGUIDE (SIW) FILTERS IMPLEMENTED WITH COMPLEMENTARY SPLIT RING RESONATORS. Progress in Electromagnetics Research, 2011, 111, 419-432.	1.6	57
143	Shortened Polarization Beam Splitters With Two Cascaded Multimode Interference Sections. IEEE Photonics Technology Letters, 2009, 21, 1538-1540.	1.3	56
144	Multiphysics Characterization of Transient Electrothermomechanical Responses of Through-Silicon Vias Applied With a Periodic Voltage Pulse. IEEE Transactions on Electron Devices, 2010, 57, 1382-1389.	1.6	56

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145	User Body Effect on Phased Array in User Equipment for the 5G mmWave Communication System. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 864-867.	2.4	56
146	Colossal Enhancement of Near-Field Thermal Radiation Across Hundreds of Nanometers between Millimeter-Scale Plates through Surface Plasmon and Phonon Polaritons Coupling. Nano Letters, 2019, 19, 8082-8088.	4.5	56
147	Fiber-Optic Acetylene Gas Sensor Based on Microstructured Optical Fiber Bragg Gratings. IEEE Photonics Technology Letters, 2011, 23, 1588-1590.	1.3	55
148	Local and Nonlocal Optically Induced Transparency Effects in Grapheneâ€“Silicon Hybrid Nanophotonic Integrated Circuits. ACS Nano, 2014, 8, 11386-11393.	7.3	55
149	On unusual narrow transmission bands for a multi-layered periodic structure containing left-handed materials. Optics Express, 2003, 11, 1283.	1.7	54
150	Subwavelength focusing with a multilayered Fabry-Perot structure at optical frequencies. Physical Review B, 2007, 75, .	1.1	54
151	LIGHT ABSORBER WITH AN ULTRA-BROAD FLAT BAND BASED ON MULTI-SIZED SLOW-WAVE HYPERBOLIC METAMATERIAL THIN-FILMS (Invited Paper). Progress in Electromagnetics Research, 2014, 147, 69-79.	1.6	54
152	Decreased functional connectivity and disrupted neural network in the prefrontal cortex of affective disorders: A resting-state fNIRS study. Journal of Affective Disorders, 2017, 221, 132-144.	2.0	54
153	Colloidal mesoporous silica nanoparticles with protoporphyrin IX encapsulated for photodynamic therapy. Journal of Biomedical Optics, 2009, 14, 014012.	1.4	53
154	Dual-Wavelength Single-Longitudinal-Mode Polarization-Maintaining Fiber Laser and Its Application in Microwave Generation. Journal of Lightwave Technology, 2009, 27, 4455-4459.	2.7	53
155	Compact Dense Wavelength-Division (De)multiplexer Utilizing a Bidirectional Arrayed-Waveguide Grating Integrated With a Machâ€“Zehnder Interferometer. Journal of Lightwave Technology, 2015, 33, 2279-2285.	2.7	53
156	EMF Exposure Study Concerning mmWave Phased Array in Mobile Devices for 5G Communication. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1132-1135.	2.4	53
157	Polarization beam splitters based on a two-dimensional photonic crystal of negative refraction. Optics Letters, 2005, 30, 2152.	1.7	52
158	Fabrication of a compact reflective long-period grating sensor with a cladding-mode-selective â€˜fiber end-face mirror. Optics Express, 2009, 17, 17976.	1.7	52
159	Experimental Demonstration of a High Efficiency Polarization Splitter Based on a One-Dimensional Grating With a Bragg Reflector Underneath. IEEE Photonics Technology Letters, 2010, 22, 1568-1570.	1.3	52
160	Printed MIMO antenna system of four closely-spaced elements with large bandwidth and high isolation. Electronics Letters, 2010, 46, 1052.	0.5	52
161	One-way edge mode in a gyromagnetic photonic crystal slab. Optics Letters, 2012, 37, 4110.	1.7	52
162	Nanoscale metamaterial optical waveguides with ultrahigh refractive indices. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 2559.	0.9	52

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163	Microfluidic flowmeter based on micro â€œhot-wireâ€•sandwiched Fabry-Perot interferometer. Optics Express, 2015, 23, 9483.	1.7	52
164	Transformation Optics: From Classic Theory and Applications to its New Branches. Laser and Photonics Reviews, 2017, 11, 1700034.	4.4	52
165	A Low-Profile Dual-Band Dual-Polarized Antenna With an AMC Reflector for 5G Communications. IEEE Access, 2020, 8, 24072-24080.	2.6	52
166	Dual-wavelength single-longitudinal-mode erbium-doped fibre laser based on fibre Bragg grating pair and its application in microwave signal generation. Electronics Letters, 2008, 44, 459.	0.5	51
167	Dispersion engineering of a silicon-nanocrystal-based slot waveguide for broadband wavelength conversion. Applied Optics, 2011, 50, 1260.	2.1	51
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