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List of Publications by Year in descending order

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1,072
papers

35,365
citations

4120

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1080
times ranked

25305
citing authors

#	ARTICLE	IF	CITATIONS
1	Aluminum nanocrystals evolving from cluster to metallic state: Size tunability and spectral evidence. <i>Nano Research</i> , 2022, 15, 838-844.	5.8	6
2	Large-scale, Panchromatic Structural Color Manipulation via Thermal Trimming. <i>Advanced Optical Materials</i> , 2022, 10, 2101546.	3.6	6
3	Fiber Acoustic Sensor With Stable Operating-Point Based on a Photo-Thermal Cavity. <i>IEEE Sensors Journal</i> , 2022, 22, 1321-1326.	2.4	2
4	100-m/3-Gbps underwater wireless optical transmission using a wideband photomultiplier tube (PMT). <i>Optics Express</i> , 2022, 30, 2326.	1.7	33
5	A biocompatible two-photon absorbing fluorescent mitochondrial probe for deep in vivo bioimaging. <i>Journal of Materials Chemistry B</i> , 2022, 10, 887-898.	2.9	9
6	Compact photoacoustic spectrophone for simultaneously monitoring the concentrations of dichloromethane and trichloromethane with a single acoustic resonator. <i>Optics Express</i> , 2022, 30, 7053.	1.7	4
7	Highly Efficient Multiple Watt Gain-Switched 1.7 μm All-Fiber Laser Pumped by 1.6 μm Harmonic Dissipative Soliton Resonance Pulses. <i>IEEE Photonics Journal</i> , 2022, 14, 1-7.	1.0	2
8	High-precision four-dimensional hyperspectral imager integrating fluorescence spectral detection and 3D surface shape measurement. <i>Applied Optics</i> , 2022, 61, 2542.	0.9	3
9	Ultrahigh extinction ratio and ultra-low insertion loss silicon TE polarizer covering 1260–1675-nm bandwidth. <i>Optics Letters</i> , 2022, 47, 2065.	1.7	5
10	Incoherent broadband cavity-enhanced absorption spectroscopy for sensitive measurement of nutrients and microalgae. <i>Applied Optics</i> , 2022, 61, 3400.	0.9	6
11	Freeze-Driven Adsorption of Poly-A DNA on Gold Nanoparticles: From a Stable Biointerface to Plasmonic Dimers. <i>Langmuir</i> , 2022, 38, 4625-4632.	1.6	5
12	Experimental Demonstration of 55-m / 2-Gbps Underwater Wireless Optical Communication Using SiPM Diversity Reception and Nonlinear Decision-Feedback Equalizer. <i>IEEE Access</i> , 2022, 10, 47814-47823.	2.6	12
13	Strong Coupling between a Single Quantum Emitter and a Plasmonic Nanoantenna on a Metallic Film. <i>Nanomaterials</i> , 2022, 12, 1440.	1.9	2
14	Determination of geographic origins and types of <i>Lindera aggregata</i> samples using a portable short-wave infrared hyperspectral imager. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 279, 121370.	2.0	4
15	Polymer-based planar waveguide chirped Bragg grating for high-resolution tactile sensing. <i>Optics Express</i> , 2022, 30, 20871.	1.7	2
16	50- μm thick flexible dopant-free interdigitated-back-contact silicon heterojunction solar cells with front MoO _x coatings for efficient antireflection and passivation. <i>Optics Express</i> , 2022, 30, 21309.	1.7	3
17	High-performance silicon TE-pass polarizer assisted by anisotropic metamaterials. <i>Optics Express</i> , 2022, 30, 24841.	1.7	8
18	4D dual-mode staring hyperspectral-depth imager for simultaneous spectral sensing and surface shape measurement. <i>Optics Express</i> , 2022, 30, 24804.	1.7	2

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19	Optical Fiber Sensor with Stable Operating Point for AC Magnetic Field Measurement. Applied Sciences (Switzerland), 2022, 12, 7049.	1.3	3
20	Microwave Waveguide-Type Hyperbolic Metamaterials. Advanced Photonics Research, 2021, 2, 2000043.	1.7	6
21	Weather Forecasting Using Ensemble of Spatial-Temporal Attention Network and Multi-Layer Perceptron. Asia-Pacific Journal of Atmospheric Sciences, 2021, 57, 533-546.	1.3	20
22	Planar hyper-lens with uniform pre-designed magnification factor by homogeneous medium. Applied Physics Express, 2021, 14, 022007.	1.1	2
23	Patterned few nanometer-thick silver films with high optical transparency and high electrical conductivity. RSC Advances, 2021, 11, 11481-11489.	1.7	8
24	Fast Power Density Assessment of 5G Mobile Handset Using Equivalent Currents Method. IEEE Transactions on Antennas and Propagation, 2021, 69, 6857-6869.	3.1	12
25	Experimental demonstration of 50-m/5-Gbps underwater optical wireless communication with low-complexity chaotic encryption. Optics Express, 2021, 29, 783.	1.7	33
26	Tunable Mid-Infrared Dispersive Wave Generation of High-Efficiency and Broadband in a Suspended Thin-Film Lithium-Niobate-on-Insulator Waveguide. IEEE Access, 2021, 9, 38419-38426.	2.6	3
27	Widely Wavelength-Tunable High Power Single-Longitudinal-Mode Fiber Laser in Mid-Infrared Waveband. Applied Sciences (Switzerland), 2021, 11, 2073.	1.3	1
28	Ultra-Broadband Polarization Beam Splitter Based on Cascaded Mach-Zehnder Interferometers Assisted by Effectively Anisotropic Structures. IEEE Photonics Journal, 2021, 13, 1-9.	1.0	20
29	A Comprehensive Performance Comparison of DFT-S DMT and QAM-DMT in UOWC System in Different Water Environments. IEEE Photonics Journal, 2021, 13, 1-11.	1.0	11
30	In-Situ Testing of Methane Emissions from Landfills Using Laser Absorption Spectroscopy. Applied Sciences (Switzerland), 2021, 11, 2117.	1.3	9
31	LiNbO3 waveguide with embedded Ag nanowire and 3L MoS2 for strong light confinement and ultra-long propagation length in the visible spectral range. Optics Express, 2021, 29, 7168.	1.7	0
32	Rotational hyperspectral scanner and related image reconstruction algorithm. Scientific Reports, 2021, 11, 3296.	1.6	4
33	Narrow-linewidth high-efficiency single-frequency ytterbium-doped fiber laser with highly linear polarization at 1064 nm. Applied Optics, 2021, 60, 2833.	0.9	9
34	Reflectionless spatial beam benders with arbitrary bending angle by introducing optic-null medium into transformation optics*. Chinese Physics B, 2021, 30, 034101.	0.7	0
35	Enhanced field uniformity of holographic near-eye display system based on spatial light modulator. , 2021, , .		0
36	Enhancing single photon emission through quasi-bound states in the continuum of monolithic hexagonal boron nitride metasurface. JPhys Materials, 2021, 4, 035001.	1.8	6

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37	4D surface shape measurement system with high spectral resolution and great depth accuracy. Optics Express, 2021, 29, 13048.	1.7	11
38	High-temperature ultra-broad UV-MIR high-efficiency absorber based on double ring-shaped titanium nitride resonators. Optics Communications, 2021, 485, 126730.	1.0	6
39	CNN-based classification of fNIRS signals in motor imagery BCI system. Journal of Neural Engineering, 2021, 18, 056019.	1.8	30
40	Corrections to "Design, Optimization, and Realization of a High Performance MOEMS Accelerometer From a Double-Device-Layer SOI Wafer" [Aug 17 859-869]. Journal of Microelectromechanical Systems, 2021, 30, 331-331.	1.7	0
41	fNIRS Signal Classification Based on Deep Learning in Rock-Paper-Scissors Imagery Task. Applied Sciences (Switzerland), 2021, 11, 4922.	1.3	8
42	Inelastic hyperspectral Scheimpflug lidar for microalgae classification and quantification. Applied Optics, 2021, 60, 4778.	0.9	6
43	A Dual-Gas Sensor Using Photoacoustic Spectroscopy Based on a Single Acoustic Resonator. Applied Sciences (Switzerland), 2021, 11, 5224.	1.3	4
44	Pulse Train Triggered Single Dissipative Kerr Soliton in Microresonator and Application in Terahertz Rate Optical Clock Recovery. Journal of Lightwave Technology, 2021, 39, 3511-3520.	2.7	2
45	An Advanced Spectral-Spatial Classification Framework for Hyperspectral Imagery Based on DeepLab v3+. Applied Sciences (Switzerland), 2021, 11, 5703.	1.3	8
46	Achromatic optical waveplates based on cellulose nanocrystals. Cellulose, 2021, 28, 6983-6993.	2.4	3
47	High Sensitivity Continuous Monitoring of Chloroform Gas by Using Wavelength Modulation Photoacoustic Spectroscopy in the Near-Infrared Range. Applied Sciences (Switzerland), 2021, 11, 6992.	1.3	7
48	Aligning silver nanowire films with cellulose nanocrystal nematics. Optical Materials Express, 2021, 11, 3321.	1.6	2
49	Visible-blind and flexible metal-semiconductor-metal ultraviolet photodetectors based on sub-10-nm thick silver interdigital electrodes. Optics Letters, 2021, 46, 4666.	1.7	5
50	Magnetically Enhanced Liquid SERS for Ultrasensitive Analysis of Bacterial and SARS-CoV-2 Biomarkers. Frontiers in Bioengineering and Biotechnology, 2021, 9, 735711.	2.0	4
51	Machine learning classification of origins and varieties of Tetrastigma hemsleyanum using a dual-mode microscopic hyperspectral imager. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 261, 120054.	2.0	18
52	ADVANCED PROGRESS ON $\hat{\text{S}}^{\text{3}}$ NONLINEARITY IN CHIP-SCALE PHOTONIC PLATFORMS (INVITED REVIEW). Progress in Electromagnetics Research, 2021, 170, 17-62.	1.6	13
53	A Resolution-Enhanced Digital Micromirror Device (DMD) Projection System. IEEE Access, 2021, 9, 78153-78164.	2.6	6
54	The Development of Brain Network in Males with Autism Spectrum Disorders from Childhood to Adolescence: Evidence from fNIRS Study. Brain Sciences, 2021, 11, 120.	1.1	10

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55	Optimized Colossal Near-Field Thermal Radiation Enabled by Manipulating Coupled Plasmon Polariton Geometry. <i>Advanced Materials</i> , 2021, 33, e2106097.	11.1	36
56	Confocal hyperspectral microscopic imager for the detection and classification of individual microalgae. <i>Optics Express</i> , 2021, 29, 37281.	1.7	7
57	Pipette-Tip-Enabled Digital Nucleic Acid Analyzer for COVID-19 Testing with Isothermal Amplification. <i>Analytical Chemistry</i> , 2021, 93, 15288-15294.	3.2	15
58	Full-color enhanced second harmonic generation using rainbow trapping in ultrathin hyperbolic metamaterials. <i>Nature Communications</i> , 2021, 12, 6425.	5.8	58
59	A Dual-board Substrate Integrated Waveguide for Large Phase Delay Application. , 2021, , .		0
60	A Low-cost Eye-tracking Autostereoscopic Three-dimensional Display System. , 2021, , .		0
61	Design and Analysis of a TE-TEM-TE Co-coaxial Coupling Structure for Multilayer Rectangular SIW. , 2021, , .		0
62	Self-Adaptive Waveguide Boundary for Inter-Mode Four-Wave Mixing. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2020, 26, 1-8.	1.9	3
63	Extending the Scanning Angle of a Phased-Array Antenna Using a Thin Radome of Curved Metasurface. <i>Physica Status Solidi - Rapid Research Letters</i> , 2020, 14, 1900624.	1.2	2
64	SNR-enhanced temperature-insensitive microfiber humidity sensor based on upconversion nanoparticles and cellulose liquid crystal coating. <i>Sensors and Actuators B: Chemical</i> , 2020, 305, 127517.	4.0	14
65	Incident Power Density Assessment Study for 5G Millimeter-Wave Handset Based on Equivalent Currents Method. , 2020, , .		2
66	Multi-mode Microscopic Hyperspectral Imager for the Sensing of Biological Samples. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4876.	1.3	18
67	A NOVEL MILLIMETER-WAVE BACKWARD TO FORWARD SCANNING PERIODIC LEAKY-WAVE ANTENNA BASED ON TWO DIFFERENT RADIATOR TYPES. <i>Progress in Electromagnetics Research</i> , 2020, 168, 31-38.	1.6	7
68	Controllable Droplet Generators by Light-Heat Energy Conversion for Selective Particle Encapsulation. <i>IEEE Photonics Journal</i> , 2020, 12, 1-9.	1.0	2
69	Low-Index-Contrast Dielectric Lattices on Metal for Refractometric Sensing. <i>Advanced Optical Materials</i> , 2020, 8, 2000877.	3.6	21
70	Multi-AI competing and winning against humans in iterated Rock-Paper-Scissors game. <i>Scientific Reports</i> , 2020, 10, 13873.	1.6	5
71	Turning a hot spot into a cold spot: polarization-controlled Fano-shaped local-field responses probed by a quantum dot. <i>Light: Science and Applications</i> , 2020, 9, 166.	7.7	11
72	Implications of Incident Power Density Limits on Power and EIRP Levels of 5G Millimeter-Wave User Equipment. <i>IEEE Access</i> , 2020, 8, 148214-148225.	2.6	27

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73	A Broadband High-Gain Circularly Polarized Wide Beam Scanning Leaky-Wave Antenna. IEEE Access, 2020, 8, 171091-171099.	2.6	12
74	Sub-30nm Aluminum Nanocrystals Exhibiting Cluster-Like Optical Properties. Small, 2020, 17, 2002524.	5.2	9
75	Leaky-Wave Antenna With Wide Scanning Range Based on Double-Layer Substrate Integrated Waveguide. IEEE Access, 2020, 8, 199899-199908.	2.6	8
76	Broadband Electromagnetic Wave Tunneling with Transmuted Material Singularity. Physical Review Letters, 2020, 125, 207401.	2.9	7
77	Light-Sheet Microscopy for Surface Topography Measurements and Quantitative Analysis. Sensors, 2020, 20, 2842.	2.1	5
78	A Low-Profile Dual-Band Dual-Polarized Antenna With an AMC Reflector for 5G Communications. IEEE Access, 2020, 8, 24072-24080.	2.6	52
79	Compact broadband circularly polarized UHF RFID tag antenna for metallic mounting. Journal of Electromagnetic Waves and Applications, 2020, 34, 989-1001.	1.0	5
80	Normal-Incidence-Excited Strong Coupling between Excitons and Symmetry-Protected Quasi-Bound States in the Continuum in Silicon Nitride ² Heterostructures at Room Temperature. Journal of Physical Chemistry Letters, 2020, 11, 4631-4638.	2.1	43
81	Characterization and Sensing of Inert Gases with a High-Resolution SPR Sensor. Sensors, 2020, 20, 3295.	2.1	13
82	Surface Plasmon-Enhanced Optical Formaldehyde Sensor Based on CdSe@ZnS Quantum Dots. ACS Sensors, 2020, 5, 1002-1009.	4.0	35
83	Rapid synthesizing of gold nanobipyramids. Materials Research Express, 2020, 7, 025029.	0.8	1
84	High-performance 90° hybrids based on MMI couplers in Si3N4 technology. Optics Communications, 2020, 465, 125620.	1.0	7
85	Mode Division Multiplexing Based on Supermodes in Densely Packed Uniform Waveguide Array (DPUWA). IEEE Photonics Journal, 2020, 12, 1-10.	1.0	4
86	Experimental Demonstration of an Anti-Shake Hyperspectral Imager of High Spatial Resolution and Low Cost. IEEE Sensors Journal, 2020, 20, 8082-8090.	2.4	8
87	Enabling Ultrathin Metamaterial Absorbers with Narrow Slits. Advanced Optical Materials, 2020, 8, 2000259.	3.6	14
88	A Simple High-Gain Millimeter-Wave Leaky-Wave Slot Antenna Based on a Bent Corrugated SIW. IEEE Access, 2020, 8, 91999-92006.	2.6	24
89	Stretching the spectra of Kerr frequency combs with self-adaptive boundary silicon waveguides. Advanced Photonics, 2020, 2, 1.	6.2	10
90	Elemental mercury sensing by synchronously sweeping two multimode diode lasers. Applied Optics, 2020, 59, 3360.	0.9	3

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91	Surface transformation multi-physics for controlling electromagnetic and acoustic waves simultaneously. Optics Express, 2020, 28, 94.	1.7	18
92	High peak-power and narrow-linewidth all-fiber Raman nanosecond laser in 1.65 μm waveband. Optics Express, 2020, 28, 7175.	1.7	13
93	Designing conformal cloaks by manipulating structures directly in the physical space. Optics Express, 2020, 28, 23105.	1.7	4
94	In-situ dual-channel surface plasmon resonance fiber sensor for temperature-compensated detection of glucose concentration. Optics Express, 2020, 28, 21046.	1.7	69
95	Classification, identification, and growth stage estimation of microalgae based on transmission hyperspectral microscopic imaging and machine learning. Optics Express, 2020, 28, 30686.	1.7	48
96	Magnifying lens designed by optical conformal mapping. Optics Express, 2020, 28, 36892.	1.7	2
97	Generation and manipulation of oil-in-water micro-droplets by confined thermocapillary microvortices. Optics Letters, 2020, 45, 1998.	1.7	10
98	GENERATING PICOSECOND PULSES WITH THE LARGEST NUMBER OF LASING WAVELENGTHS BY AN ALL-FIBER OPTICAL PARAMETRIC OSCILLATOR. Progress in Electromagnetics Research, 2020, 167, 11-17.	1.6	6
99	DUAL-MODE HYPERSPECTRAL BIO-IMAGER WITH A CONJUGATED CAMERA FOR QUICK OBJECT-SELECTION AND FOCUSING. Progress in Electromagnetics Research, 2020, 168, 133-143.	1.6	8
100	DISTINGUISHING BIPOLAR DEPRESSION FROM MAJOR DEPRESSIVE DISORDER USING FNIRS AND DEEP NEURAL NETWORK. Progress in Electromagnetics Research, 2020, 169, 73-86.	1.6	17
101	A PARAMETER-FREE CALIBRATION PROCESS FOR A SCHEIMPFLUG LIDAR FOR VOLUMETRIC PROFILING. Progress in Electromagnetics Research, 2020, 169, 117-127.	1.6	8
102	Perfect mid-infrared dual-band optical absorption realized by a simple lithography-free polar dielectric/metal double-layer nanostructure. Optics Express, 2020, 28, 31414.	1.7	3
103	Illusion Optics: Disguising with Ordinary Dielectric Materials. Advanced Materials, 2019, 31, e1805106.	11.1	10
104	Radio Frequency Exposure Compliance of Multiple Antennas for Cellular Equipment Based on Semidefinite Relaxation. IEEE Transactions on Electromagnetic Compatibility, 2019, 61, 327-336.	1.4	32
105	Improving the Performance of Long Reach UOWC With Multiband DFT-Spread DMT. IEEE Photonics Technology Letters, 2019, 31, 1315-1318.	1.3	17
106	Controlled Multistep Self-Assembling of Colloidal Droplets at a Nematic Liquid Crystal-Air Interface. Physical Review Letters, 2019, 123, 087801.	2.9	9
107	$50\text{-}\mu\text{m}$ thin crystalline silicon heterojunction solar cells with dopant-free carrier-selective contacts. Nano Energy, 2019, 64, 103930.	8.2	18
108	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

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109	Freeze-â€Facilitated Ligand Binding to Plasmonic Gold Nanorods. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900975.	1.9	10
110	pH dependence of the chirality of nematic cellulose nanocrystals. <i>Scientific Reports</i> , 2019, 9, 11290.	1.6	25
111	Ultra-stable near-infrared Tm ³⁺ -doped upconversion nanoparticles for <i>in vivo</i> wide-field two-photon angiography with a low excitation intensity. <i>Journal of Innovative Optical Health Sciences</i> , 2019, 12, .	0.5	6
112	HIGH PERFORMANCE UHF RFID TAG ANTENNAS ON LIQUID-FILLED BOTTLES. <i>Progress in Electromagnetics Research</i> , 2019, 165, 83-92.	1.6	20
113	Preparation and liquid crystal phase properties of discotic cellulose nanoparticles. <i>Cellulose</i> , 2019, 26, 9543-9552.	2.4	0
114	Upconversion enhancement by a dual-resonance all-dielectric metasurface. <i>Nanoscale</i> , 2019, 11, 1856-1862.	2.8	30
115	An Ethanol Vapor Sensor Based on a Microfiber with a Quantum-Dot Gel Coating. <i>Sensors</i> , 2019, 19, 300.	2.1	8
116	Full space destructive interference by acoustic-null medium. <i>Applied Physics Express</i> , 2019, 12, 074003.	1.1	1
117	An Acoustic Metamaterial Lens for Acoustic Point-to-Point Communication in Air. <i>Acoustical Physics</i> , 2019, 65, 1-6.	0.2	8
118	Thermal management with a highly emissive and thermally conductive graphite absorber. <i>AIP Advances</i> , 2019, 9, 025224.	0.6	2
119	SHG-enhanced NIR-excited <i>in vitro</i> photodynamic therapy using composite nanoparticles of barium titanate and rose Bengal. <i>RSC Advances</i> , 2019, 9, 8056-8064.	1.7	15
120	Analysis of Impacts of Expected RF EMF Exposure Restrictions on Peak EIRP of 5G User Equipment at 28 GHz and 39 GHz Bands. <i>IEEE Access</i> , 2019, 7, 20996-21005.	2.6	39
121	Polarization Evolution of a Vector Vortex Optical Field in a Strongly Nonlocal Nonlinear Medium. <i>IEEE Photonics Journal</i> , 2019, 11, 1-10.	1.0	7
122	Detection of elemental mercury using a frequency-doubled diode laser with wavelength modulation spectroscopy. <i>Applied Physics B: Lasers and Optics</i> , 2019, 125, 1.	1.1	3
123	A highly stable optical humidity sensor. <i>Sensors and Actuators B: Chemical</i> , 2019, 287, 329-337.	4.0	31
124	Near-field heat transfer between graphene-Si grating heterostructures with multiple magnetic-polaritons coupling. <i>International Journal of Heat and Mass Transfer</i> , 2019, 134, 1119-1126.	2.5	26
125	Non-invasive and rapid pH monitoring for meat quality assessment using a low-cost portable hyperspectral scanner. <i>Meat Science</i> , 2019, 152, 73-80.	2.7	33
126	TWO-PHOTON LUMINESCENCE AND SECOND HARMONIC GENERATION OF SINGLE LAYER MOLYBDENUM DISULPHIDE NANOPROBE FOR NONBLEACHING AND NONBLINKING OPTICAL BIOIMAGING. <i>Progress in Electromagnetics Research</i> , 2019, 166, 107-117.	1.6	9

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127	MODULATION ON SILICON FOR DATACOM: PAST, PRESENT, AND FUTURE (INVITED REVIEW). Progress in Electromagnetics Research, 2019, 166, 119-145.	1.6	13
128	A Dual-band Dual-polarized Antenna with AMC Reflector for 5G Base Stations. , 2019, , .		3
129	A Broadband Power Divider with 90 Degree Phase Shifter. , 2019, , .		0
130	Compact broadband circularlyâ€polarised antenna with a backed cavity for UHF RFID applications. IET Microwaves, Antennas and Propagation, 2019, 13, 789-795.	0.7	9
131	High Performance Polarization Beam Splitter Based on Cascaded Directional Couplers Assisted by Effectively Anisotropic Structures. IEEE Photonics Journal, 2019, 11, 1-9.	1.0	5
132	Omnidirectional Conformal Cloak Without Geometrical Dispersion. Physical Review Applied, 2019, 12, .	1.5	5
133	A CAMOUFLAGE DEVICE WITHOUT METAMATERIALS. Progress in Electromagnetics Research, 2019, 165, 107-117.	1.6	19
134	Metasurface for Constructing a Stable Highâ€i>Q</i> Planoâ€Planar Open Cavity. Advanced Optical Materials, 2019, 7, 1801339.	3.6	5
135	High-Resolution Compact On-Chip Spectrometer Based on an Echelle Grating With Densely Packed Waveguide Array. IEEE Photonics Journal, 2019, 11, 1-7.	1.0	13
136	Overwater light-sheet Scheimpflug lidar system for an underwater three-dimensional profile bathymetry. Applied Optics, 2019, 58, 7643.	0.9	7
137	400 mW narrow linewidth single-frequency fiber ring cavity laser in 2 um waveband. Optics Express, 2019, 27, 15794.	1.7	47
138	Monolithic chip-scale structural color filters fabricated with simple UV lithography. Optics Express, 2019, 27, 21646.	1.7	18
139	Channel competition in emitter-plasmon coupling. Optics Express, 2019, 27, 30893.	1.7	2
140	Thermal surface transformation and its applications to heat flux manipulations. Optics Express, 2019, 27, 33757.	1.7	18
141	Probabilistically Shaped 256-QAM-OFDM Transmission in Underwater Wireless Optical Communication System. , 2019, , .		11
142	Discrete multitone transmission for underwater optical wireless communication system using probabilistic constellation shaping to approach channel capacity limit. Optics Letters, 2019, 44, 558.	1.7	42
143	Broadband optical switch for multiple spatial modes based on a silicon densely packed waveguide array. Optics Letters, 2019, 44, 907.	1.7	19
144	Miniaturized optical fiber tweezers for cell separation by optical force. Optics Letters, 2019, 44, 1868.	1.7	34

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145	Meter-scale transparent conductive circuits based on silver nanowire networks for rigid and flexible transparent light-emitting diode screens. <i>Optical Materials Express</i> , 2019, 9, 4483.	1.6	9
146	Preparation of optical waveplates from cellulose nanocrystal nematics on patterned polydimethylsiloxane substrates. <i>Optical Materials Express</i> , 2019, 9, 4614.	1.6	7
147	Angular-spectrum modeling of focusing light inside scattering media by optical phase conjugation. <i>Optica</i> , 2019, 6, 250.	4.8	42
148	High-speed underwater wireless optical communications: from a perspective of advanced modulation formats [Invited]. <i>Chinese Optics Letters</i> , 2019, 17, 100012.	1.3	18
149	Generation of high-power 780-nm femtosecond pulses by an all-polarization-maintaining Er-doped fiber amplification system. <i>Applied Optics</i> , 2019, 58, 4492.	0.9	9
150	Hierarchical self-assembly in liquid crystals. , 2019, , .		0
151	Effect of defocus blur on the signal distribution of camera-based remote photoplethysmography. , 2019, , .		0
152	Spectral Control of Near-Field Thermal Radiation With Periodic Cross Resonance Metasurfaces. <i>IEEE Journal of Quantum Electronics</i> , 2018, 54, 1-7.	1.0	8
153	Shape-controlled of ten-nanometer-thick graphite and worm-like graphite by lithographic exfoliation. <i>Carbon</i> , 2018, 135, 248-252.	5.4	9
154	Hybrid optofluidics and three-dimensional manipulation based on hybrid photothermal waveguides. <i>NPG Asia Materials</i> , 2018, 10, 340-351.	3.8	31
155	Fluorescence resonance energy transfer (FRET) based nanoparticles composed of AIE luminogens and NIR dyes with enhanced three-photon near-infrared emission for <i>in vivo</i> brain angiography. <i>Nanoscale</i> , 2018, 10, 10025-10032.	2.8	40
156	Demonstration of 15-M 7.33-Gb/s 450-nm Underwater Wireless Optical Discrete Multitone Transmission Using Post Nonlinear Equalization. <i>Journal of Lightwave Technology</i> , 2018, 36, 728-734.	2.7	44
157	RF Compliance Study of Temperature Elevation in Human Head Model Around 28 GHz for 5G User Equipment Application: Simulation Analysis. <i>IEEE Access</i> , 2018, 6, 830-838.	2.6	51
158	Controlling lightwave in Riemann space by merging geometrical optics with transformation optics. <i>Scientific Reports</i> , 2018, 8, 514.	1.6	7
159	Reducing the dimensions of acoustic devices using anti-acoustic-null media. <i>Applied Physics Express</i> , 2018, 11, 024301.	1.1	1
160	Ultrathin nanostructured solar selective absorber based on a two-dimensional hemispherical shell array. <i>Applied Physics Letters</i> , 2018, 112, .	1.5	5
161	Selective far-field addressing of coupled quantum dots in a plasmonic nanocavity. <i>Nature Communications</i> , 2018, 9, 1705.	5.8	32
162	Increasing Efficiency of a Wireless Energy Transfer System by Spatial Translational Transformation. <i>IEEE Transactions on Power Electronics</i> , 2018, 33, 3325-3332.	5.4	8

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163	Hybrid-cavity fabry-perot interferometer for multi-point relative humidity and temperature sensing. Sensors and Actuators B: Chemical, 2018, 255, 1937-1944.	4.0	43
164	Grapheneâ€bimetal plasmonic platform for ultra-sensitive biosensing. Optics Communications, 2018, 410, 817-823.	1.0	20
165	Targeted and imaging-guided in vivo photodynamic therapy for tumors using dual-function, aggregation-induced emission nanoparticles. Nano Research, 2018, 11, 2756-2770.	5.8	32
166	A compact line-detection spectrometer with a Powell lens. Optik, 2018, 155, 267-272.	1.4	4
167	Upper Bound Study of 5G RF EMF Exposure. , 2018, , .		0
168	EXPLORATORY STUDY ON LIGHT-SHEET BASED THREE-DIMENSIONAL SURFACE TOPOGRAPHY. Progress in Electromagnetics Research, 2018, 161, 11-18.	1.6	4
169	166 Gbps data rate for underwater wireless optical transmission with single laser diode achieved with discrete multi-tone and post nonlinear equalization. Optics Express, 2018, 26, 34060.	1.7	44
170	Sulfuric Acid Assisted Preparation of Red-Emitting Carbonized Polymer Dots and the Application of Bio-Imaging. Nanoscale Research Letters, 2018, 13, 272.	3.1	29
171	Fluorescence Hyperspectral Imaging of Oil Samples and Its Quantitative Applications in Component Analysis and Thickness Estimation. Sensors, 2018, 18, 4415.	2.1	18
172	Acoustic Illusion Using Materials with Isotropic and Positive Parameters. Physical Review Applied, 2018, 10, .	1.5	7
173	Effective beam-scanning efficiency of millimeter-wave subarrays for 5G user equipment application. , 2018, , .		1
174	High throughput trapping and arrangement of biological cells using self-assembled optical tweezer. Optics Express, 2018, 26, 34665.	1.7	21
175	Observing of the super-Planckian near-field thermal radiation between graphene sheets. Nature Communications, 2018, 9, 4033.	5.8	101
176	Size-tunable capture of mesoscopic matters using thermocapillary vortex. Applied Physics Letters, 2018, 113, .	1.5	5
177	A Wideband Single-Fed, Circularly-Polarized Patch Antenna With Enhanced Axial Ratio Bandwidth for UHF RFID Reader Applications. IEEE Access, 2018, 6, 55883-55892.	2.6	41
178	Unidirectional Enhanced Emission from 2D Monolayer Suspended by Dielectric Pillar Array. ACS Applied Materials & Interfaces, 2018, 10, 34817-34821.	4.0	16
179	Inhomogeneity-Induced Casimir Transport of Nanoparticles. Physical Review Letters, 2018, 121, 130401.	2.9	7
180	A NANOSTRUCTURE-BASED HIGH-TEMPERATURE SELECTIVE ABSORBER-EMITTER PAIR FOR A SOLAR THERMOPHOTOVOLTAIC SYSTEM WITH NARROWBAND THERMAL EMISSION. Progress in Electromagnetics Research, 2018, 162, 95-108.	1.6	11

#	ARTICLE	IF	CITATIONS
181	Generating Fano Resonances in a Single-Waveguide Silicon Nanobeam Cavity for Efficient Electro-Optical Modulation. ACS Photonics, 2018, 5, 4229-4237.	3.2	20
182	Radiation Performance Analysis of 28 GHz Antennas Integrated in 5G Mobile Terminal Housing. IEEE Access, 2018, 6, 48088-48101.	2.6	39
183	Static Magnetic Cloak without a Superconductor. Physical Review Applied, 2018, 9, .	1.5	24
184	Fast Adaptive Thermal Buffering by a Passive Open Shell Based on Transformation Thermodynamics. Advanced Theory and Simulations, 2018, 1, 1800026.	1.3	10
185	Crosstalk-aware multiple-AWG based optical interconnects for datacenter networks. Optics Communications, 2018, 426, 151-157.	1.0	0
186	Upconversion Luminescence of Graphene Oxide through Hybrid Waveguide. Journal of Physical Chemistry C, 2018, 122, 16866-16871.	1.5	4
187	Resting-state functional connectivity in prefrontal cortex investigated by functional near-infrared spectroscopy: A longitudinal and cross-sectional study. Neuroscience Letters, 2018, 683, 94-99.	1.0	4
188	Non-orthogonal basis expansion based laser phase noise suppression in CO-OFDM systems. Optics Communications, 2018, 426, 366-374.	1.0	2
189	Subwavelength focusing by optical surface transformation. Optics Communications, 2018, 427, 139-146.	1.0	3
190	Broadband spectra translation between mid-infrared band and telecom band in a nonlinear silicon-based symmetric hybrid plasmonic waveguide. Journal of Nonlinear Optical Physics and Materials, 2018, 27, 1850022.	1.1	2
191	Enhancing thermal radiation by graphene-assisted hBN/SiO ₂ hybrid structures at the nanoscale. Optics Express, 2018, 26, A591.	1.7	34
192	Invisible gateway for both light waves and rays. Optics Express, 2018, 26, 165.	1.7	3
193	Lie Detection Using fNIRS Monitoring of Inhibition-Related Brain Regions Discriminates Infrequent but not Frequent Liars. Frontiers in Human Neuroscience, 2018, 12, 71.	1.0	11
194	Aggregation-Induced Emission Nanoparticles Encapsulated with PEGylated Nano Graphene Oxide and Their Applications in Two-Photon Fluorescence Bioimaging and Photodynamic Therapy <i>in Vitro</i> and <i>in Vivo</i> . ACS Applied Materials & Interfaces, 2018, 10, 25037-25046.	4.0	59
195	Experimental Demonstration of Remote and Compact Imaging Spectrometer Based on Mobile Devices. Sensors, 2018, 18, 1989.	2.1	20
196	The design and implementation of a low-cost multispectral endoscopy through galvo scanning of a fiber bundle. Optics Communications, 2018, 428, 1-6.	1.0	8
197	Waveguide bends by optical surface transformations and optic-null media. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 944.	0.9	6
198	Liquid-level sensing based on a hollow core Bragg fiber. Optics Express, 2018, 26, 21656.	1.7	35

#	ARTICLE	IF	CITATIONS
199	A Magnifying Glass for Virtual Imaging of Subwavelength Resolution by Transformation Optics. <i>Advanced Materials</i> , 2018, 30, e1801641.	11.1	4
200	Thin-Core Fiber Sandwiched Photonic Crystal Fiber Modal Interferometer for Temperature and Refractive Index Sensing. <i>IEEE Sensors Journal</i> , 2018, 18, 6627-6632.	2.4	17
201	Fast quantitative fluorescence authentication of milk powder and vanillin by a line-scan hyperspectral system. <i>Applied Optics</i> , 2018, 57, 6276.	0.9	6
202	Light-sheet based two-dimensional Scheimpflug lidar system for profile measurements. <i>Optics Express</i> , 2018, 26, 27179.	1.7	10
203	Relative Humidity Measurement Based On Micro Fiber with Quantum Dot gel coating. , 2018, , .		0
204	Biphasic and colloidal liquid crystal systems. , 2018, , .		0
205	Broadband localized electric field enhancement produced by a single-element plasmonic nanoantenna. <i>RSC Advances</i> , 2017, 7, 2074-2080.	1.7	12
206	Room-temperature broadband quasistatic magnetic cloak. <i>NPG Asia Materials</i> , 2017, 9, e341-e341.	3.8	18
207	A portable confocal hyperspectral microscope without any scan or tube lens and its application in fluorescence and Raman spectral imaging. <i>Optics Communications</i> , 2017, 392, 1-6.	1.0	16
208	Gum Arabic authentication and mixture quantification by near infrared spectroscopy. <i>Food Control</i> , 2017, 78, 144-149.	2.8	20
209	Improved Flexible Transparent Conductive Electrodes based on Silver Nanowire Networks by a Simple Sunlight Illumination Approach. <i>Scientific Reports</i> , 2017, 7, 42052.	1.6	65
210	Remote cooling by a novel thermal lens with anisotropic positive thermal conductivity. <i>Scientific Reports</i> , 2017, 7, 40949.	1.6	6
211	Influence of metal electrodes on <i>c</i> -axis orientation of AlN thin films deposited by DC magnetron sputtering. <i>Surface and Interface Analysis</i> , 2017, 49, 885-891.	0.8	12
212	Understandings of maximum spatially-averaged power density in 5G RF EMF exposure study. , 2017, , .		4
213	Design, Optimization, and Realization of a High-Performance MOEMS Accelerometer From a Double-Device-Layer SOI Wafer. <i>Journal of Microelectromechanical Systems</i> , 2017, 26, 859-869.	1.7	41
214	Decreased functional connectivity and disrupted neural network in the prefrontal cortex of affective disorders: A resting-state fNIRS study. <i>Journal of Affective Disorders</i> , 2017, 221, 132-144.	2.0	54
215	Multifunctional Hyperbolic Nanogroove Metasurface for Submolecular Detection. <i>Small</i> , 2017, 13, 1700600.	5.2	46
216	Power Density Measurements at 15 GHz for RF EMF Compliance Assessments of 5G User Equipment. <i>IEEE Transactions on Antennas and Propagation</i> , 2017, 65, 6584-6595.	3.1	46

#	ARTICLE	IF	CITATIONS
217	Enhanced Near-Field Thermal Radiation Based on Multilayer Graphene-hBN Heterostructures. ACS Photonics, 2017, 4, 971-978.	3.2	126
218	Two-Dimensional Transition Metal Dichalcogenide Enhanced Phase-Sensitive Plasmonic Biosensors: Theoretical Insight. Journal of Physical Chemistry C, 2017, 121, 6282-6289.	1.5	101
219	Deformable broadband metamaterial absorbers engineered with an analytical spatial Kramers-Kronig permittivity profile. Laser and Photonics Reviews, 2017, 11, 1600253.	4.4	45
220	Transformation Optics: From Classic Theory and Applications to its New Branches. Laser and Photonics Reviews, 2017, 11, 1700034.	4.4	52
221	Acoustic surface transformation realized by acoustic-null materials using bilayer natural materials. Applied Physics Express, 2017, 10, 114001.	1.1	5
222	Graphene-TMD-Graphene Hybrid Plasmonic Metasurface for Enhanced Biosensing: A Theoretical Analysis. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1700563.	0.8	13
223	Achieving high-efficiency emission depletion nanoscopy by employing cross relaxation in upconversion nanoparticles. Nature Communications, 2017, 8, 1058.	5.8	239
224	Flexible Manipulation of the Polarization Conversions in a Structured Vector Field in Free Space. Laser and Photonics Reviews, 2017, 11, 1700165.	4.4	32
225	Acid-assisted hydrothermal synthesis of red fluorescent carbon dots for sensitive detection of Fe(III). RSC Advances, 2017, 7, 40952-40956.	1.7	43
226	Translational illusion of acoustic sources by transformation acoustics. Journal of the Acoustical Society of America, 2017, 142, 1213-1218.	0.5	11
227	Design of Closely Packed Pattern Reconfigurable Antenna Array for MIMO Terminals. IEEE Transactions on Antennas and Propagation, 2017, 65, 4891-4896.	3.1	49
228	Broadband Absorption and Efficient Hot-Carrier Photovoltaic Conversion based on Sunlight-induced Non-radiative Decay of Propagating Surface Plasmon Polaritons. Scientific Reports, 2017, 7, 4809.	1.6	8
229	Multimode 3 dB Coupler Based on Symmetrically Coupled Waveguides for On-Chip Mode Division Multiplexing. Journal of Lightwave Technology, 2017, 35, 4260-4267.	2.7	9
230	Medium Access Control Protocol and Resource Allocation for Passive Optical Interconnects. Journal of Optical Communications and Networking, 2017, 9, 555.	3.3	15
231	RF EMF exposure of beam-steering slot array in 5g user equipment at 15 GHz. , 2017, , .		1
232	A mobile device-based imaging spectrometer for environmental monitoring by attaching a lightweight small module to a commercial digital camera. Scientific Reports, 2017, 7, 15602.	1.6	34
233	Evaluation of combined TIS for high order MIMO system in mobile terminal. , 2017, , .		1
234	Novel ultrasound detector based on small slot micro-ring resonator with ultrahigh Q factor. Optics Communications, 2017, 382, 113-118.	1.0	11

#	ARTICLE	IF	CITATIONS
235	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
236	Elastic all-optical multi-hop interconnection in data centers with adaptive spectrum allocation. Optics Communications, 2017, 383, 478-484.	1.0	7
237	Intrabody Communications Between Mobile Device and Wearable Device at 26 MHz. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1875-1878.	2.4	11
238	Reversing the direction of space and inverse Doppler effect in positive refraction index media. European Journal of Physics, 2017, 38, 014003.	0.3	3
239	Terahertz Polarization Splitters Based on Total and Partial Coupling in Dual Slotted Core Polymer Fiber: Comparison and Analysis. IEEE Photonics Journal, 2017, 9, 1-15.	1.0	8
240	Optical fiber based microfluidic gas flowmeter. , 2017, , .		0
241	Channel Characteristics and User Body Effects in an Outdoor Urban Scenario at 15 and 28 GHz. IEEE Transactions on Antennas and Propagation, 2017, 65, 6534-6548.	3.1	30
242	Optical bio-imaging assisted by nano-particles. , 2017, , .		0
243	Pencil-like imaging spectrometer for bio-samples sensing. Biomedical Optics Express, 2017, 8, 5427.	1.5	27
244	Low-complexity frequency domain nonlinear compensation for OFDM based high-speed visible light communication systems with light emitting diodes. Optics Express, 2017, 25, 3780.	1.7	42
245	Optical implementation of Riemann sheets: an analogy to an electromagnetic "wormhole"™. Optics Express, 2017, 25, 11065.	1.7	7
246	Cladding-free efficiently tunable nanobeam cavity with nanotentacles. Optics Express, 2017, 25, 12541.	1.7	13
247	Anomalous light trapping enhancement in a two-dimensional gold nanobowl array with an amorphous silicon coating. Optics Express, 2017, 25, 14114.	1.7	7
248	Oil pollution discrimination by an inelastic hyperspectral Scheimpflug lidar system. Optics Express, 2017, 25, 25515.	1.7	23
249	Non-bleaching fluorescence emission difference microscopy using single 808-nm laser excited red upconversion emission. Optics Express, 2017, 25, 30885.	1.7	27
250	Hybrid unidirectional meta-coupler for vertical incidence to a high-refractive-index waveguide in telecom wavelength. Optics Letters, 2017, 42, 5098.	1.7	10
251	Ultra-compact and temperature-insensitive Mach-Zehnder interferometer based on one multimode waveguide on silicon. Optics Letters, 2017, 42, 615.	1.7	7
252	Human cortical neural correlates of visual fatigue during binocular depth perception: An fNIRS study. PLoS ONE, 2017, 12, e0172426.	1.1	15

#	ARTICLE	IF	CITATIONS
253	Minimizing registration overhead for multipoint-to-multipoint communication in passive optical interconnects. , 2017, , .		2
254	ON THE POSSIBILITY OF A PERFECT POWER COMBINER. Progress in Electromagnetics Research, 2017, 158, 1-6.	1.6	4
255	Joint Mitigation of Residual Carrier Frequency Offset and Phase Noise with Orthogonal Basis Expansion in CO-OFDM. , 2017, , .		2
256	Large-scale nanostructured low-temperature solar selective absorber. Optics Letters, 2017, 42, 1891.	1.7	11
257	Sparse Nonlinear Equalization with Match Pursuit for LED Based Visible Light Communication Systems. , 2017, , .		3
258	Compact multimode 3dB coupler for on-chip mode division multiplexing. , 2017, , .		0
259	Microstructured Co ²⁺ -doped Fiber Bragg Grating for Microfluidic Velocity Sensing. , 2017, , .		0
260	Defective graphene-hBN heterostructures in giant near-field heat transfer. , 2017, , .		0
261	Self-assembly in chiral nematic liquid crystal. , 2017, , .		1
262	Designed Er ³⁺ -singly doped NaYF ₄ with double excitation bands for simultaneous deep macroscopic and microscopic upconverting bioimaging. Biomedical Optics Express, 2016, 7, 2174.	1.5	3
263	Detection of gaseous elemental mercury using a frequency-doubled green diode laser. Optics Express, 2016, 24, 27509.	1.7	10
264	All-optical two-channel polarization-multiplexing format conversion from QPSK to BPSK signals in a silicon waveguide. Photonics Research, 2016, 4, 245.	3.4	7
265	A High Sensitive Magnetic Field Sensor Based on Photonic Crystal Fiber Modal Interferometer. , 2016, , .		0
266	Vectorial effect of hybrid polarization states on the collapse dynamics of a structured optical field. Optics Express, 2016, 24, 28143.	1.7	16
267	FBG Incorporated Side-open Fabry-Perot Cavity for Simultaneous Gas Pressure and Temperature Measurements. Journal of Lightwave Technology, 2016, , 1-1.	2.7	24
268	Low driving voltage band-filling-based III-V-on-silicon electroabsorption modulator. Applied Physics Letters, 2016, 108, 141104.	1.5	6
269	Large-area and uniform silver nanowires based transparent electrodes on rigid and flexible substrates fabricated by polymethylmethacrylate-assisted spin-coating. , 2016, , .		0
270	The effects of magnetic fields exposure on relative permittivity of saline solutions measured by a high resolution SPR system. Scientific Reports, 2016, 6, 25111.	1.6	8

#	ARTICLE	IF	CITATIONS
271	Optic-null space medium for cover-up cloaking without any negative refraction index materials. Scientific Reports, 2016, 6, 29280.	1.6	8
272	Overlapping illusions by transformation optics without any negative refraction material. Scientific Reports, 2016, 6, 19130.	1.6	11
273	Neural correlates of stereoscopic depth perception: A fNIRS study. , 2016, , .		0
274	High-Q side-coupled semi-2D-photonic crystal cavity. Scientific Reports, 2016, 6, 26038.	1.6	4
275	Creating a zero-order resonator using an optical surface transformation. Scientific Reports, 2016, 6, 21333.	1.6	7
276	Beam Collimation Using an Anisotropic Metamaterial Slab Without Any Nanometer-Sized Aperture. Plasmonics, 2016, 11, 803-809.	1.8	2
277	Polyelectrolyte coated BaTiO ₃ nanoparticles for second harmonic generation imaging-guided photodynamic therapy with improved stability and enhanced cellular uptake. RSC Advances, 2016, 6, 40615-40625.	1.7	18
278	True dynamic imaging and image composition by the optical translational projector. Journal of Optics (United Kingdom), 2016, 18, 044012.	1.0	12
279	Optofluidic vortex arrays generated by graphene oxide for tweezers, motors and self-assembly. NPC Asia Materials, 2016, 8, e257-e257.	3.8	23
280	Button-shaped radio-frequency identification tag combining three-dimensional and inkjet printing technologies. IET Microwaves, Antennas and Propagation, 2016, 10, 737-741.	0.7	19
281	LED-induced fluorescence spectroscopy technique for apple freshness and quality detection. Postharvest Biology and Technology, 2016, 119, 27-32.	2.9	26
282	Yb ³⁺ -enhanced UCNP@SiO ₂ nanocomposites for consecutive imaging, photothermal-controlled drug delivery and cancer therapy. Optical Materials Express, 2016, 6, 1161.	1.6	24
283	Terahertz polarization splitter based on a dual-elliptical-core polymer fiber. Applied Optics, 2016, 55, 6236.	2.1	18
284	Optical surface transformation for reshaping the field intensity distribution. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 1847.	0.9	4
285	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
286	Low-complexity linewidth-tolerant time domain sub-symbol optical phase noise suppression in CO-OFDM systems. Optics Express, 2016, 24, 4856.	1.7	9
287	Investigation of surface waves suppression on 5G handset devices at 15 GHz. , 2016, , .		1
288	A high-temperature narrowband selective emitter for Solar Thermophotovoltaic systems. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
289	Design of novel compact filtering power divider with high selectivity and wide stopband. , 2016, , .		6
290	Inhomogeneity-related cutoff dependence of the Casimir energy and stress. Physical Review A, 2016, 93, .	1.0	7
291	Anti-optic-null medium: Achieving the optic-null medium effect by enclosing an air region with relatively low-anisotropy media. Physical Review B, 2016, 94, .	1.1	2
292	Dual-narrow-band and record-broad-band plasmonic absorbers. , 2016, , .		0
293	Hot-carrier solar cell based on plasmonic nanofocusing. , 2016, , .		0
294	Antenna Design for Diversity and MIMO Application. , 2016, , 1479-1530.		2
295	Sensitivity Enhancement of Transition Metal Dichalcogenides/Silicon Nanostructure-based Surface Plasmon Resonance Biosensor. Scientific Reports, 2016, 6, 28190.	1.6	299
296	Hot Cavity Optical Fiber Fabryâ€“Perot Interferometer as a Flow Sensor With Temperature Self-Calibrated. Journal of Lightwave Technology, 2016, 34, 5044-5048.	2.7	34
297	Parity-Time Symmetry Breaking in Coupled Nanobeam Cavities. Scientific Reports, 2016, 6, 24487.	1.6	36
298	Truly trapped rainbow by utilizing nonreciprocal waveguides. Scientific Reports, 2016, 6, 30206.	1.6	24
299	Multiplexing efficiency of high order MIMO in mobile terminal in different propagation scenarios. , 2016, , .		1
300	Narrow band perfect absorber for maximum localized magnetic and electric field enhancement and sensing applications. Scientific Reports, 2016, 6, 24063.	1.6	174
301	Numerical analysis of an optical nanoscale particles trapping device based on a slotted nanobeam cavity. Scientific Reports, 2016, 6, 35977.	1.6	7
302	Design of novel compact dual-band filtering power divider using stepped-impedance resonators with high selectivity. International Journal of RF and Microwave Computer-Aided Engineering, 2016, 26, 262-267.	0.8	7
303	Compact Eight-Channel Thermally Reconfigurable Optical Add/Drop Multiplexers on Silicon. IEEE Photonics Technology Letters, 2016, 28, 1874-1877.	1.3	39
304	Novel thermal lens for remote heating/cooling designed with transformation optics. Optics Express, 2016, 24, 5683.	1.7	23
305	Agarose Filled Fabryâ€“Perot Cavity for Temperature Self-Calibration Humidity Sensing. IEEE Photonics Technology Letters, 2016, 28, 2027-2030.	1.3	37
306	Study of phased array in UE for 5G mm wave communication system with consideration of user body effect. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
307	A CPW-fed broadband circularly polarized wide slot antenna with modified shape of slot and modified feeding structure. <i>Microwave and Optical Technology Letters</i> , 2016, 58, 1453-1457.	0.9	9
308	Visible-to-visible four-photon ultrahigh resolution microscopic imaging with 730-nm diode laser excited nanocrystals. <i>Optics Express</i> , 2016, 24, A302.	1.7	18
309	EMF Exposure Study Concerning mmWave Phased Array in Mobile Devices for 5G Communication. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2016, 15, 1132-1135.	2.4	53
310	Simultaneous measurement of magnetic field and temperature based on an etched TCFMI cascaded with an FBG. <i>Optics Communications</i> , 2016, 364, 150-157.	1.0	13
311	Stable and Size-Tunable Aggregation-Induced Emission Nanoparticles Encapsulated with Nanographene Oxide and Applications in Three-Photon Fluorescence Bioimaging. <i>ACS Nano</i> , 2016, 10, 588-597.	7.3	97
312	One-way surface magnetoplasmon cavity and its application for nonreciprocal devices. <i>Optics Letters</i> , 2016, 41, 800.	1.7	16
313	Controlling the excitation of upconverting luminescence for biomedical theranostics: neodymium sensitizing. <i>Optical Materials Express</i> , 2016, 6, 1011.	1.6	24
314	Wavelength-Multiplexed Duplex Transceiver Based on III-V/Si Hybrid Integration for Off-Chip and On-Chip Optical Interconnects. <i>IEEE Photonics Journal</i> , 2016, 8, 1-10.	1.0	8
315	Low-loss and broadband 2 \times 2 silicon thermo-optic Mach-Zehnder switch with bent directional couplers. <i>Optics Letters</i> , 2016, 41, 836.	1.7	159
316	Thermally tunable silicon photonic microdisk resonator with transparent graphene nanoheaters. <i>Optica</i> , 2016, 3, 159.	4.8	131
317	Variable optical attenuator based on a reflective Mach-Zehnder interferometer. <i>Optics Communications</i> , 2016, 361, 55-58.	1.0	22
318	An open-cavity Fabry-Perot interferometer with PVA coating for simultaneous measurement of relative humidity and temperature. <i>Sensors and Actuators B: Chemical</i> , 2016, 225, 50-56.	4.0	95
319	Methane detection using scattering material as the gas cell. <i>Applied Optics</i> , 2016, 55, 8030.	2.1	6
320	Hybrid-Cavity Fabry-Perot Interferometer for Simultaneous Relative Humidity and Temperature Measurement. , 2016, , .		2
321	1800MHz Microwave Induces p53 and p53-Mediated Caspase-3 Activation Leading to Cell Apoptosis In Vitro. <i>PLoS ONE</i> , 2016, 11, e0163935.	1.1	22
322	Lasing properties of a cholesteric liquid crystal containing aggregation-induced-emission material. <i>Optics Express</i> , 2015, 23, 33938.	1.7	18
323	First-order correction to the Casimir force within an inhomogeneous medium. <i>Physical Review A</i> , 2015, 91, .	1.0	6
324	Using AIE Luminogen for Long-term and Low-background Three-Photon Microscopic Functional Bioimaging. <i>Scientific Reports</i> , 2015, 5, 15189.	1.6	21

#	ARTICLE	IF	CITATIONS
325	Optical Surface Transformation: Changing the optical surface by homogeneous optic-null medium at will. Scientific Reports, 2015, 5, 16032.	1.6	30
326	Superposition of DC magnetic fields by cascading multiple magnets in magnetic loops. AIP Advances, 2015, 5, 097208.	0.6	3
327	Three-Photon Luminescence of Gold Nanorods and Its Applications for High Contrast Tissue and Deep <i>In Vivo</i> Brain Imaging. Theranostics, 2015, 5, 251-266.	4.6	82
328	Structured caustic vector vortex optical field: manipulating optical angular momentum flux and polarization rotation. Scientific Reports, 2015, 5, 10628.	1.6	37
329	A checkerboard selective absorber with excellent spectral selectivity. Journal of Applied Physics, 2015, 118, .	1.1	6
330	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
331	Tens of thousands-fold upconversion luminescence enhancement induced by a single gold nanorod. Laser and Photonics Reviews, 2015, 9, 479-487.	4.4	78
332	CAN MAXWELL'S FISH EYE LENS REALLY GIVE PERFECT IMAGING? PART III. A CAREFUL RECONSIDERATION OF THE "EVIDENCE FOR SUBWAVELENGTH IMAGING WITH POSITIVE REFRACTION". Progress in Electromagnetics Research, 2015, 152, 1-15.	1.6	7
333	Tunable silicon micro-disk resonator with flexible graphene-based ultra-thin heaters. , 2015, , .		1
334	A STUDY ON THE BIOCOMPATIBILITY OF SURFACE-MODIFIED Au/Ag ALLOYED NANOBX PARTICLES IN ZEBRAFISH IN TERMS OF MORTALITY RATE, HATCH RATE AND IMAGING OF PARTICLE DISTRIBUTION BEHAVIOR. Progress in Electromagnetics Research, 2015, 150, 89-96.	1.6	6
335	SURFACE TRANSFORMATION WITH HOMOGENOUS OPTIC-NULL MEDIUM. Progress in Electromagnetics Research, 2015, 151, 169-173.	1.6	14
336	BROADBAND NANOANTENNAS FOR PLASMON ENHANCED FLUORESCENCE AND RAMAN SPECTROSCOPIES. Progress in Electromagnetics Research, 2015, 153, 123-131.	1.6	11
337	Tunable pattern-free graphene nanoplasmonic waveguides on trenched silicon substrate. Scientific Reports, 2015, 5, 7987.	1.6	37
338	Compact broadband circularly polarised slot antenna for universal UHF RFID readers. Electronics Letters, 2015, 51, 808-809.	0.5	16
339	Investigation of Diagonal Antenna-Chassis Mode in Mobile Terminal LTE MIMO Antennas for Bandwidth Enhancement. IEEE Antennas and Propagation Magazine, 2015, 57, 217-228.	1.2	35
340	Optical depletion mechanism of upconverting luminescence and its potential for multi-photon STED-like microscopy. Optics Express, 2015, 23, 32401.	1.7	45
341	Enlarged-taper tailored Fiber Bragg grating with polyvinyl alcohol coating for humidity sensing. Proceedings of SPIE, 2015, , .	0.8	2
342	Design, optimization and fabrication of two-dimension high contrast subwavelength grating (HCG) mirror on Silicon-on-insulator. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
343	Three-dimensional magnetic cloak working from d.c. to 250â€‰kHz. Nature Communications, 2015, 6, 8931.	5.8	63
344	Hot-wire sandwiched Fabry-Perot interferometer for microfluidic flow rate sensing. , 2015, , .		0
345	Optical integrated chips with micro and nanostructures for refractive index and SERS-based optical label-free sensing. Nanophotonics, 2015, 4, 419-436.	2.9	11
346	Two beam steering lenses enabled by metamaterials. , 2015, , .		2
347	Proposal of a broadband, polarization-insensitive and high-efficiency hot-carrier schottky photodetector integrated with a plasmonic silicon ridge waveguide. Journal of Optics (United) Tj ETQq1 1 0.784314.0gBT /Overlock 10T		
348	Large-area and uniform transparent electrodes fabricated by polymethylmethacrylate-assisted spin-coating of silver nanowires on rigid and flexible substrates. Optical Materials Express, 2015, 5, 2347.	1.6	19
349	Broadband Metallic Absorber on a Nonâ€‰Planar Substrate. Small, 2015, 11, 1526-1530.	5.2	21
350	Tunable Fabryâ€‰Perot filter in cobalt doped fiber formed by optically heated fiber Bragg gratings pair. Optics Communications, 2015, 344, 156-160.	1.0	11
351	Highâ€‰Order Nonâ€‰Linear Optical Effects in Organic Luminogens with Aggregationâ€‰Induced Emission. Advanced Materials, 2015, 27, 2332-2339.	11.1	99
352	Investigation of light trapping effect in hyperbolic metamaterial slow-light waveguides. Applied Physics Express, 2015, 8, 082601.	1.1	19
353	Reflective Optical Fiber Refractometer Based on Long-Period Grating Tailored Active Bragg Grating. IEEE Photonics Technology Letters, 2015, 27, 1173-1176.	1.3	8
354	Deep, high contrast microscopic cell imaging using three-photon luminescence of $\text{I}^2\text{-(NaYF}_4\text{:Er}^{3+}\text{/NaYF}_4\text{)}$ nanoprobe excited by 1480-nm CW laser of only 15-mW. Biomedical Optics Express, 2015, 6, 1857.	1.5	30
355	Compact printed two dipole array antenna with a high frontâ€‰back ratio for ultraâ€‰highâ€‰frequency radioâ€‰frequency identification handheld reader applications. IET Microwaves, Antennas and Propagation, 2015, 9, 73-78.	0.7	1
356	Plasmonic broadband absorber by stacking multiple metallic nanoparticle layers. Applied Physics Letters, 2015, 106, .	1.5	39
357	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
358	Improved properties of gold nanorods coated with thin multilayer of small organic molecules by fast and facile method for surface enhanced Raman scattering. Optical and Quantum Electronics, 2015, 47, 2759-2766.	1.5	0
359	Electrically controllable self-assembly for radial alignment of gold nanorods in liquid crystal droplets. Optical Materials Express, 2015, 5, 1065.	1.6	8
360	Lithography-free, broadband, omnidirectional, and polarization-insensitive thin optical absorber. Applied Physics Letters, 2015, 106, .	1.5	77

#	ARTICLE	IF	CITATIONS
361	Broadband High-Efficiency Half-Wave Plate: A Supercell-Based Plasmonic Metasurface Approach. ACS Nano, 2015, 9, 4111-4119.	7.3	387
362	Body-Insensitive Multimode MIMO Terminal Antenna of Double-Ring Structure. IEEE Transactions on Antennas and Propagation, 2015, 63, 1925-1936.	3.1	35
363	Experimental Demonstration of Single Mode- Splitting in Microring With Bragg Gratings. IEEE Photonics Technology Letters, 2015, 27, 1402-1405.	1.3	21
364	Compact monolithically-integrated hybrid (de)multiplexer based on silicon-on-insulator nanowires for PDM-WDM systems. Optics Express, 2015, 23, 12840.	1.7	51
365	Atypical prefrontal cortical responses to joint/non-joint attention in children with autism spectrum disorder (ASD): A functional near-infrared spectroscopy study. Biomedical Optics Express, 2015, 6, 690.	1.5	31
366	Optically investigating Nd ³⁺ -Yb ³⁺ cascade sensitized upconversion nanoparticles for high resolution, rapid scanning, deep and damage-free bio-imaging. Biomedical Optics Express, 2015, 6, 838.	1.5	22
367	Using functional near-infrared spectroscopy (fNIRS) to detect the prefrontal cortical responses to deception under different motivations. Biomedical Optics Express, 2015, 6, 3503.	1.5	6
368	Linearly interpolated sub-symbol optical phase noise suppression in CO-OFDM system. Optics Express, 2015, 23, 4691.	1.7	15
369	Passive optical interconnects at top of the rack: offering high energy efficiency for datacenters. Optics Express, 2015, 23, 7957.	1.7	16
370	Microfluidic flowmeter based on micro "hot-wire" sandwiched Fabry-Perot interferometer. Optics Express, 2015, 23, 9483.	1.7	52
371	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
372	Deterministic phase engineering for optical Fano resonances with arbitrary lineshape and frequencies. Optics Express, 2015, 23, 19154.	1.7	7
373	Sub-5-nm lanthanide-doped ZrO ₂ @NaYF ₄ nanodots as efficient upconverting probes for rapid scanning microscopy and aptamer-mediated bioimaging. Optical Materials Express, 2015, 5, 1759.	1.6	8
374	5 x 20 Gb/s heterogeneously integrated III-V on silicon electro-absorption modulator array with arrayed waveguide grating multiplexer. Optics Express, 2015, 23, 18686.	1.7	20
375	Bendable, ultra-black absorber based on a graphite nanocone nanowire composite structure. Optics Express, 2015, 23, 20115.	1.7	13
376	Low-complexity optical phase noise suppression in CO-OFDM system using recursive principal components elimination. Optics Express, 2015, 23, 24077.	1.7	8
377	Long-term two-photon neuroimaging with a photostable AIE luminogen. Biomedical Optics Express, 2015, 6, 1477.	1.5	25
378	Open-Cavity Fabry-Perot Interferometer Based on Etched Side-Hole Fiber for Microfluidic Sensing. IEEE Photonics Technology Letters, 2015, 27, 1813-1816.	1.3	43

#	ARTICLE	IF	CITATIONS
379	Human Exposure to mmWave Phased Array Antennas in Mobile Terminal for 5G Mobile System. , 2015, , .		4
380	Low photobleaching and high emission depletion efficiency: the potential of AIE luminogen as fluorescent probe for STED microscopy. Optics Letters, 2015, 40, 2313.	1.7	38
381	Ultracompact tapered coupler for the Si/IIIâ€“V heterogeneous integration. Applied Optics, 2015, 54, 4327.	0.9	19
382	A triple-resonance Raman chip for simultaneous enhancement of Stokes and anti-Stokes lines utilizing both localized and non-localized plasmonic resonance. Journal of Optics (United Kingdom), 2015, 17, 105001.	1.0	1
383	Fast two-dimensional fluorescence correlation spectroscopy technique for tea quality detection. Applied Optics, 2015, 54, 7032.	2.1	7
384	Controlling the plasmonic surface waves of metallic nanowires by transformation optics. Applied Physics Letters, 2015, 107, 011902.	1.5	2
385	Patterning of graphite nanocones for broadband solar spectrum absorption. AIP Advances, 2015, 5, 067139.	0.6	2
386	Continuous monitoring of elemental mercury employing low-cost multimode diode lasers. Measurement Science and Technology, 2015, 26, 085501.	1.4	9
387	Modeling and implementation of a fiber-based quartz-enhanced photoacoustic spectroscopy system. Applied Optics, 2015, 54, 4202.	2.1	6
388	mmWave Phased Array in Mobile Terminal for 5G Mobile System with Consideration of Hand Effect. , 2015, , .		22
389	Absorption-dependent generation of singlet oxygen from gold bipyramids excited under low power density. RSC Advances, 2015, 5, 81897-81904.	1.7	16
390	High-Efficiency Plasmonic Metamaterial Selective Emitter Based on an Optimized Spherical Core-Shell Nanostructure for Planar Solar Thermophotovoltaics. Plasmonics, 2015, 10, 529-538.	1.8	20
391	Nonlinear optical properties of Au/Ag alloyed nanoboxes and their applications in both in vitro and in vivo bioimaging under long-wavelength femtosecond laser excitation. RSC Advances, 2015, 5, 2851-2856.	1.7	9
392	Transformation magneto-statics and illusions for magnets. Scientific Reports, 2015, 4, 6593.	1.6	22
393	Antenna Design for Diversity and MIMO Application. , 2015, , 1-43.		4
394	A Parallel-Moving Prism Based Phase Modulator for Phase-sensitive SPR Biosensor. , 2015, , .		0
395	EXPERIMENTAL REALIZATION OF STRONG DC MAGNETIC ENHANCEMENT WITH TRANSFORMATION OPTICS (Invited Paper). Progress in Electromagnetics Research, 2014, 146, 187-194.	1.6	10
396	MIMO REFERENCE ANTENNAS WITH CONTROLLABLE CORRELATIONS AND TOTAL EFFICIENCIES. Progress in Electromagnetics Research, 2014, 145, 115-121.	1.6	10

#	ARTICLE	IF	CITATIONS
397	TRANSFORMATION INSIDE A NULL-SPACE REGION AND A DC MAGNETIC FUNNEL FOR ACHIEVING AN ENHANCED MAGNETIC FLUX WITH A LARGE GRADIENT. Progress in Electromagnetics Research, 2014, 146, 143-153.	1.6	11
398	REALIZING FLEXIBLE ULTRA-FLAT-BAND SLOW LIGHT IN HYBRID PHOTONIC CRYSTAL WAVEGUIDES FOR EFFICIENT OUT-OF-PLANE COUPLING. Progress in Electromagnetics Research, 2014, 149, 281-289.	1.6	1
399	SURFACE PLASMON RESONANCE PHASE-SENSITIVE IMAGING (SPR-PI) SENSOR BASED ON A NOVEL PRISM PHASE MODULATOR. Progress in Electromagnetics Research, 2014, 145, 309-318.	1.6	8
400	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
401	A THIRD WAY TO CLOAK AN OBJECT: COVER-UP WITH A BACKGROUND OBJECT (Invited Paper). Progress in Electromagnetics Research, 2014, 149, 173-182.	1.6	10
402	A GENERAL METHOD FOR DESIGNING A RADOME TO ENHANCE THE SCANNING ANGLE OF A PHASED ARRAY ANTENNA. Progress in Electromagnetics Research, 2014, 145, 203-212.	1.6	15
403	Enhanced broadband absorption in gold by plasmonic tapered coaxial holes. Optics Express, 2014, 22, 32233.	1.7	30
404	Graphene-based transparent flexible heat conductor for thermally tuning nanophotonic integrated devices. Applied Physics Letters, 2014, 105, .	1.5	65
405	Ultra-compact channel drop filter based on photonic crystal nanobeam cavities utilizing a resonant tunneling effect. Optics Letters, 2014, 39, 6973.	1.7	38
406	Transformation thermodynamics: Heat flux control and device applications. , 2014, , .		0
407	Design and Analysis of a CO-OFDM Transmitter With Limited Modulator Extinction Ratio. IEEE Photonics Journal, 2014, 6, 1-7.	1.0	1
408	An efficient plate heater with uniform surface temperature engineered with effective thermal materials. Optics Express, 2014, 22, 17006.	1.7	19
409	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
410	Laser absorption spectroscopy of oxygen confined in highly porous hollow sphere xerogel. Optics Express, 2014, 22, 2584.	1.7	9
411	Performance analysis of blind timing phase estimators for digital coherent receivers. Optics Express, 2014, 22, 6749.	1.7	21
412	Hybrid Brillouin/thulium multiwavelength fiber laser with switchable single- and double-Brillouin-frequency spacing. Optics Express, 2014, 22, 31884.	1.7	29
413	Perfect absorption in ultrathin anisotropic $\hat{\mu}$ -near-zero metamaterials. Applied Physics Letters, 2014, 105, .	1.5	47
414	Use of tunable second-harmonic signal from KNbO ₃ nanoneedles to find optimal wavelength for deep-tissue imaging. Laser and Photonics Reviews, 2014, 8, 865-874.	4.4	13

#	ARTICLE	IF	CITATIONS
415	Local and Nonlocal Optically Induced Transparency Effects in Graphene-Silicon Hybrid Nanophotonic Integrated Circuits. ACS Nano, 2014, 8, 11386-11393.	7.3	55
416	SAR study for smart watch applications. , 2014, , .		10
417	A novel phase-sensitive SPR biosensor array based on prism phase modulator. , 2014, , .		2
418	Electric field Monte Carlo simulation of focused stimulated emission depletion beam, radially and azimuthally polarized beams for <i>in vivo</i> deep bioimaging. Journal of Biomedical Optics, 2014, 19, 011022.	1.4	9
419	Frequency-tunable circular polarization beam splitter using a graphene-dielectric sub-wavelength film. Optics Express, 2014, 22, 19748.	1.7	11
420	LED-induced fluorescence system for tea classification and quality assessment. Journal of Food Engineering, 2014, 137, 95-100.	2.7	30
421	Ultrabroadband strong light absorption based on thin multilayered metamaterials. Laser and Photonics Reviews, 2014, 8, 946-953.	4.4	125
422	Experimental Demonstration of a Multiphysics Cloak: Manipulating Heat Flux and Electric Current Simultaneously. Physical Review Letters, 2014, 113, 205501.	2.9	203
423	Fabrication of High Precision Self-Aligned V-Grooves Integrated on Silica-on-Silicon Chips. IEEE Photonics Technology Letters, 2014, 26, 1169-1171.	1.3	1
424	A nano-plasmonic chip for simultaneous sensing with dual-resonance surface-enhanced Raman scattering and localized surface plasmon resonance. Laser and Photonics Reviews, 2014, 8, 610-616.	4.4	28
425	Active Fiber Gas Sensor for Methane Detecting Based on a Laser Heated Fiber Bragg Grating. IEEE Photonics Technology Letters, 2014, 26, 1069-1072.	1.3	26
426	Dispersion engineering of suspended silicon photonic waveguides for broadband mid-infrared wavelength conversion. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 2295.	0.9	6
427	Efficient multiband absorber based on one-dimensional periodic metal-dielectric photonic crystal with a reflective substrate. Optics Letters, 2014, 39, 331.	1.7	45
428	Low-threshold Brillouin laser at 2 μm based on suspended-core chalcogenide fiber. Optics Letters, 2014, 39, 4651.	1.7	35
429	Plasmonic and metamaterial structures as electromagnetic absorbers. Laser and Photonics Reviews, 2014, 8, 495-520.	4.4	489
430	On-chip silicon 8-channel hybrid (de)multiplexer enabling simultaneous mode and polarization division multiplexing. Laser and Photonics Reviews, 2014, 8, L18.	4.4	251
431	Compact RFID Tag Antenna With Circular Polarization and Embedded Feed Network for Metallic Objects. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1271-1274.	2.4	16
432	Shape-dependent dispersion and alignment of nonaggregating plasmonic gold nanoparticles in lyotropic and thermotropic liquid crystals. Physical Review E, 2014, 89, 052505.	0.8	33

#	ARTICLE	IF	CITATIONS
433	Biocompatible and Photostable AIE Dots with Red Emission for In Vivo Two-Photon Bioimaging. Scientific Reports, 2014, 4, 4279.	1.6	100
434	Extending the scanning angle of a phased array antenna by using a null-space medium. Scientific Reports, 2014, 4, 6832.	1.6	29
435	Experimental realization of an open cavity. Scientific Reports, 2014, 4, 5965.	1.6	5
436	Fabrication of all shallowly etched silicon reflection-type arrayed-waveguide gratings with one stigmatic point. , 2014, , .		1
437	Bidirectional Arrayed Waveguide Grating (De)multiplexer Integrated with an Optical Interleaver for Doubling the Channels. , 2014, , .		0
438	Optimal design of ultra-broadband, omnidirectional, and polarization-insensitive amorphous silicon solar cells with a core-shell nanograting structure. Progress in Photovoltaics: Research and Applications, 2013, 21, 1077-1086.	4.4	22
439	Dynamic Control of Collapse in a Vortex Airy Beam. Scientific Reports, 2013, 3, 1406.	1.6	48
440	Optical Curtain Effect: Extraordinary Optical Transmission Enhanced by Antireflection. Plasmonics, 2013, 8, 1087-1093.	1.8	3
441	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
442	Diagonal antenna-chassis mode for wideband LTE MIMO antenna arrays in mobile handsets. , 2013, , .		5
443	Broadband THz Absorbers With Graphene-Based Anisotropic Metamaterial Films. IEEE Transactions on Terahertz Science and Technology, 2013, 3, 757-763.	2.0	116
444	Ultrathin and lightweight microwave absorbers made of mu-near-zero metamaterials. Scientific Reports, 2013, 3, 2083.	1.6	106
445	Adaptive CD Estimation for Coherent Optical Receivers Based on Timing Error Detection. IEEE Photonics Technology Letters, 2013, 25, 985-988.	1.3	10
446	Multifunctional Gold Nanorods with Ultrahigh Stability and Tunability for In Vivo Fluorescence Imaging, SERS Detection, and Photodynamic Therapy. Angewandte Chemie - International Edition, 2013, 52, 1148-1151.	7.2	222
447	Upconverting nanoparticles for pre-clinical diffuse optical imaging, microscopy and sensing: Current trends and future challenges. Laser and Photonics Reviews, 2013, 7, 663-697.	4.4	141
448	Topological colloids. Nature, 2013, 493, 200-205.	13.7	276
449	Aggregation-Induced Emission Dyes for In Vivo Functional Bioimaging. , 2013, , 209-237.		2
450	Tea quality and classification evaluation using multi-wavelength light-emitting diodes induced fluorescence spectroscopy. Proceedings of SPIE, 2013, , .	0.8	1

#	ARTICLE	IF	CITATIONS
451	Polarization management for silicon photonic integrated circuits. <i>Laser and Photonics Reviews</i> , 2013, 7, 303-328.	4.4	265
452	SAR Study of Different MIMO Antenna Designs for LTE Application in Smart Mobile Handsets. <i>IEEE Transactions on Antennas and Propagation</i> , 2013, 61, 3270-3279.	3.1	62
453	Hybrid nanoplasmonic waveguides and nanophotonic integrated devices on silicon. <i>Proceedings of SPIE</i> , 2013, , .	0.8	2
454	Distributed Temperature Sensing Using Stimulated-Brillouin-Scattering-Based Slow Light. <i>IEEE Photonics Journal</i> , 2013, 5, 6801808-6801808.	1.0	2
455	Super-thin Mikaelian's lens of small index as a beam compressor with an extremely high compression ratio. <i>Optics Express</i> , 2013, 21, 7328.	1.7	9
456	Hybrid metal-dielectric ring resonators for homogenizable optical metamaterials with strong magnetic response at short wavelengths down to the ultraviolet range. <i>Optics Express</i> , 2013, 21, 23511.	1.7	0
457	Graphene nano-ribbon waveguides of record-small mode area and ultra-high effective refractive indices for future VLSI. <i>Optics Express</i> , 2013, 21, 30664.	1.7	148
458	Infrared perfect absorber based on nanowire metamaterial cavities. <i>Optics Letters</i> , 2013, 38, 1179.	1.7	50
459	Large-area bulk self-assembly of plasmonic nanorods in nematic liquid crystal via surface-mediated alignment. <i>Optical Materials Express</i> , 2013, 3, 1918.	1.6	8
460	Nonlocal effects in a hybrid plasmonic waveguide for nanoscale confinement. <i>Optics Express</i> , 2013, 21, 1430.	1.7	45
461	A transient thermal cloak experimentally realized through a rescaled diffusion equation with anisotropic thermal diffusivity. <i>NPG Asia Materials</i> , 2013, 5, e73-e73.	3.8	110
462	Electric control of pulse reshaping using an intracavity silicon waveguide. <i>Laser Physics Letters</i> , 2013, 10, 045804.	0.6	0
463	Optimization of Optical Excitation of Upconversion Nanoparticles for Rapid Microscopy and Deeper Tissue Imaging with Higher Quantum Yield. <i>Theranostics</i> , 2013, 3, 306-316.	4.6	67
464	Deep subwavelength beam propagation in extremely loss-anisotropic metamaterials. <i>Journal of Optics (United Kingdom)</i> , 2013, 15, 055105.	1.0	10
465	Capacitively Loaded, Inductively Coupled Fed Loop Antenna With an Omnidirectional Radiation Pattern for UHF RFID Tags. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013, 12, 1161-1164.	2.4	32
466	Equivalent Circuit Based Calculation of Signal Correlation in Lossy MIMO Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2013, 61, 5214-5222.	3.1	36
467	Reduction of the Envelope Correlation Coefficient With Improved Total Efficiency for Mobile LTE MIMO Antenna Arrays: Mutual Scattering Mode. <i>IEEE Transactions on Antennas and Propagation</i> , 2013, 61, 3280-3291.	3.1	82
468	First experimental demonstration of an isotropic electromagnetic cloak with strict conformal mapping. <i>Scientific Reports</i> , 2013, 3, 2182.	1.6	49

#	ARTICLE	IF	CITATIONS
469	Coherent Anti-Stokes Emission from Gold Nanorods and its Potential for Imaging Applications. ChemPhysChem, 2013, 14, 1951-1955.	1.0	6
470	SILICON MULTIMODE PHOTONIC INTEGRATED DEVICES FOR ON-CHIP MODE-DIVISION-MULTIPLEXED OPTICAL INTERCONNECTS. Progress in Electromagnetics Research, 2013, 143, 773-819.	1.6	109
471	VECTORIAL ELECTRIC FIELD MONTE CARO SIMULATIONS FOR FOCUSED LASER BEAMS (800 NM-2220 NM) IN A BIOLOGICAL SAMPLE. Progress in Electromagnetics Research, 2013, 142, 667-681.	1.6	12
472	STATIC MAGNETIC FIELD CONCENTRATION AND ENHANCEMENT USING MAGNETIC MATERIALS WITH POSITIVE PERMEABILITY. Progress in Electromagnetics Research, 2013, 142, 579-590.	1.6	16
473	DC MAGNETIC CONCENTRATOR AND OMNIDIRECTIONAL CASCADED CLOAK BY USING ONLY ONE OR TWO HOMOGENEOUS ANISOTROPIC MATERIALS OF POSITIVE PERMEABILITY. Progress in Electromagnetics Research, 2013, 142, 683-699.	1.6	20
474	TURN A HIGHLY-REFLECTIVE METAL INTO AN OMNIDIRECTIONAL BROADBAND ABSORBER BY COATING A PURELY-DIELECTRIC THIN LAYER OF GRATING. Progress in Electromagnetics Research, 2013, 134, 95-109.	1.6	12
475	NANOPARTICLES WITH AGGREGATION-INDUCED EMISSION FOR MONITORING LONG TIME CELL MEMBRANE INTERACTIONS. Progress in Electromagnetics Research, 2013, 140, 313-325.	1.6	10
476	CREATE A UNIFORM STATIC MAGNETIC FIELD OVER 50 T IN A LARGE FREE SPACE REGION. Progress in Electromagnetics Research, 2013, 137, 149-157.	1.6	8
477	UNDERSTAND AND REALIZE AN "INVISIBLE GATEWAY" IN A CLASSICAL WAY. Progress in Electromagnetics Research, 2013, 141, 739-749.	1.6	3
478	OPTIMIZATION FOR BRAIN ACTIVITY MONITORING WITH NEAR INFRARED LIGHT IN A FOUR-LAYERED MODEL OF THE HUMAN HEAD. Progress in Electromagnetics Research, 2013, 140, 277-295.	1.6	8
479	Surface-induced self-organization of gold nanorods into predesigned patterns in liquid crystals. , 2013, , .		0
480	Designing a Thin Film Beam Collimator Based on a Metal/dielectric Multilayer Structure. , 2013, , .		0
481	A Proposal for Broadband Polarization-Insensitive Wavelength Conversion Using a SOI Waveguide. , 2012, , .		0
482	All-optical wavelength conversion and multicasting for polarization-multiplexed signal using angled pumps in a silicon waveguide. Optics Letters, 2012, 37, 1898.	1.7	21
483	Ultraviolet optical magnetism from a new plasmonic resonance mode. , 2012, , .		0
484	Design of low-dispersion-discrepancy silicon waveguide for broadband polarization-independent wavelength conversion. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 215.	0.9	11
485	Tea classification and quality assessment using laser-induced fluorescence and chemometric evaluation. Applied Optics, 2012, 51, 803.	0.9	38
486	Photonic crystal cavity on optical fiber facet for refractive index sensing. Optics Letters, 2012, 37, 833.	1.7	20

#	ARTICLE	IF	CITATIONS
487	InAs/InP(100) quantum dot waveguide photodetectors for swept-source optical coherence tomography around 17 Åµm. Optics Express, 2012, 20, 3675.	1.7	9
488	Fabrication and characterization of suspended SiO ₂ ridge optical waveguides and the devices. Optics Express, 2012, 20, 22531.	1.7	11
489	One-way edge mode in a gyromagnetic photonic crystal slab. Optics Letters, 2012, 37, 4110.	1.7	52
490	Transfer printing and nanomanipulating luminescent photonic crystal membrane nanocavities. Journal of Applied Physics, 2012, 111, 093105.	1.1	4
491	A Bidirectional 60-GHz Wireless-Over-Fiber Transport System With Centralized Local Oscillator Service Delivered to Mobile Terminals and Base Stations. IEEE Photonics Technology Letters, 2012, 24, 1984-1987.	1.3	21
492	Mutual scattering mode for LTE MIMO antennas and its application to correlation reduction. , 2012, , .		1
493	A compact reconfigurable antenna with pattern diversity. , 2012, , .		2
494	SAR study of different MIMO antenna designs for LTE application in smart mobile phones. , 2012, , .		9
495	A decoupling technique for increasing the port isolation between two closely packed antennas. , 2012, , .		9
496	Revealing the truth about "trapped rainbow"™ storage of light in metamaterials. Scientific Reports, 2012, 2, 583.	1.6	71
497	Raman enhancement of graphene oxide via reduced Ag nanoparticles on the surface. , 2012, , .		0
498	Wavelength-Spacing-Tunable Double-Pumped Multiwavelength Optical Parametric Oscillator Based on a Mach-Zehnder Interferometer. Journal of Lightwave Technology, 2012, 30, 1937-1942.	2.7	13
499	Interaction Between Two One-Way Waveguides. IEEE Journal of Quantum Electronics, 2012, 48, 1059-1064.	1.0	6
500	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
501	Ultrabroadband Light Absorption by a Sawtooth Anisotropic Metamaterial Slab. Nano Letters, 2012, 12, 1443-1447.	4.5	864
502	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
503	Emerging technologies for mm-wave RoF communication. , 2012, , .		3
504	Proposal of Inverse Pulse Position Modulation for Downstream Signal in Remodulation PON With PolSK-Modulated Multicast Overlay. IEEE Photonics Technology Letters, 2012, 24, 1012-1014.	1.3	5

#	ARTICLE	IF	CITATIONS
505	Multiband plasmonic absorber based on transverse phase resonances. Optics Express, 2012, 20, 17552.	1.7	22
506	Diagonal Chassis Mode for mobile handset LTE MIMO antennas and its application to correlation reduction. , 2012, , .		4
507	Optical field enhancement in nanoscale slot waveguides of hyperbolic metamaterials. Optics Letters, 2012, 37, 2907.	1.7	73
508	All-Optical Approach to Microwave Frequency Measurement With Large Spectral Range and High Accuracy. IEEE Photonics Technology Letters, 2012, 24, 614-616.	1.3	31
509	Nanoscale metamaterial optical waveguides with ultrahigh refractive indices. Journal of the Optical Society of America B: Optical Physics, 2012, 29, 2559.	0.9	52
510	Compact Omnidirectional Antenna of Circular Polarization. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 1466-1469.	2.4	51
511	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
512	Observation of Multiphoton-Induced Fluorescence from Graphene Oxide Nanoparticles and Applications in In Vivo Functional Bioimaging. Angewandte Chemie - International Edition, 2012, 51, 10570-10575.	7.2	147
513	Measurement and Analysis of Temperature-Dependent Optical Modal Gain in Single-Layer InAs/InP(100) Quantum-Dot Amplifiers in the 1.6- to 1.8- μm Wavelength Range. IEEE Photonics Journal, 2012, 4, 2292-2306.	1.0	3
514	Integrated silicon photonic nanocircuits and technologies for optical interconnect and optical sensing. , 2012, , .		1
515	Highly sensitive and selective fiber-optic modal interferometric sensor for detecting trace mercury ion in aqueous solution. Analytical Methods, 2012, 4, 1292.	1.3	18
516	Ultra-broadband microwave metamaterial absorber. Applied Physics Letters, 2012, 100, .	1.5	837
517	Biocompatible Fiber-Optic pH Sensor Based on Optical Fiber Modal Interferometer Self-Assembled With Sodium Alginate/Polyethylenimine Coating. IEEE Sensors Journal, 2012, 12, 1477-1482.	2.4	39
518	Optical manipulation of shape-morphing elastomeric liquid crystal microparticles doped with gold nanocrystals. Applied Physics Letters, 2012, 100, .	1.5	76
519	Black silicon with controllable macropore array for enhanced photoelectrochemical performance. Applied Physics Letters, 2012, 101, .	1.5	51
520	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
521	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
522	SURFACE PLASMON PROPERTIES OF HOLLOW ALLOYED TRIANGULAR NANOBBOXES AND ITS APPLICATIONS IN SERS IMAGING AND POTENTIAL DRUG DELIVERY. Progress in Electromagnetics Research, 2012, 128, 35-53.	1.6	23

#	ARTICLE	IF	CITATIONS
523	Rapid Fabrication of Complex 3D Extracellular Microenvironments by Dynamic Optical Projection Stereolithography. <i>Advanced Materials</i> , 2012, 24, 4266-4270.	11.1	302
524	Energy intensity analysis of modes in hybrid plasmonic waveguide. <i>Frontiers of Optoelectronics</i> , 2012, 5, 68-72.	1.9	4
525	Photosensitizer encapsulated organically modified silica nanoparticles for direct two-photon photodynamic therapy and In Vivo functional imaging. <i>Biomaterials</i> , 2012, 33, 4851-4860.	5.7	138
526	Quasi-TEM approach of coupled-microstrip lines and its application to the analysis of microstrip filters. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2012, 22, 131-139.	0.8	4
527	Plasmonic Sensors Based on Rayleigh Anomaly. , 2012, , .		2
528	Designing a Thin Film Blackbody Based on Plasmonic Anisotropic metamaterials. , 2012, , .		1
529	Investigation of a cladding-etched thin-core fiber modal interferometer and its application for refractive index sensing. , 2012, , .		1
530	Raman enhancement of graphene oxide via reduced Ag nanoparticles on the surface. , 2012, , .		0
531	Multi-photon evanescent wave (MPEW) excited lanthanide-doped upconverting nanoparticles (UCNPs) for fast single particles tracking and live cell membrane imaging. , 2012, , .		0
532	A Broadband, Omnidirectional Absorber Based on a Slot Waveguide Grating on a Metallic Substrate. , 2012, , .		0
533	Novel silicon hybrid plasmonic waveguide with an inverted metal nano-rib for a nanoscale light confinement. , 2012, , .		0
534	Designing a Thin Film Blackbody Based on Plasmonic Anisotropic Metamaterials. , 2012, , .		0
535	Multiband electromagnetic absorbers based on a metal/dielectric multilayer stack. , 2012, , .		1
536	Multilayered Gold Nanorods with Tunable SERS and Fluorescence Properties for In Vivo Imaging. , 2012, , .		0
537	Photosensitizer Encapsulated Organically Modified Silica (ORMOSIL) Nanoparticles for Tumor Diagnosis and Photodynamic Therapy. , 2012, , .		0
538	Novel suspended small SiO ₂ ridge optical waveguides for optical sensing. , 2012, , .		0
539	Ultra-broadband near-infrared metamaterial absorber. , 2012, , .		0
540	The resolution of the Maxwell's fish eye lens. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
541	Fiber-Optic Acetylene Gas Sensor Based on Microstructured Optical Fiber Bragg Gratings. IEEE Photonics Technology Letters, 2011, 23, 1588-1590.	1.3	55
542	Demonstration of 1 Gb/s,imes,\$15-User CDM Over WDM-PON Using Electrical Spatial Coding and Subcarrier Multiplexing. IEEE Photonics Technology Letters, 2011, 23, 953-955.	1.3	6
543	Efficient Optical Millimeter-Wave Generation Using a Frequency-Tripling Fabryâ€™PÃ©rot Laser With Sideband Injection and Synchronization. IEEE Photonics Technology Letters, 2011, 23, 1325-1327.	1.3	20
544	Angle and polarization diversity in compact dual-antenna terminals with chassis excitation. , 2011, , .		1
545	An All-Optical Transformer From Differential NRZ Data to Ultra-Wideband Pulse Stream. IEEE Photonics Technology Letters, 2011, 23, 579-581.	1.3	4
546	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
547	Impact of ADC Bandwidth and Clipping Ratio on COF-PON Systems Based on Spatial Coding and Subcarrier Multiplexing. , 2011, , .		1
548	Self-Alignment of Dye Molecules in Micelles and Lamellae for Three-Dimensional Imaging of Lyotropic Liquid Crystals. Langmuir, 2011, 27, 7446-7452.	1.6	19
549	Closely located dual PIFAs with T-slot induced high isolation for MIMO terminals. , 2011, , .		0
550	Using 915 nm Laser Excited Tm³⁺/Er³⁺/Ho³⁺-Doped NaYbF4 Upconversion Nanoparticles for <i>in Vitro</i> and Deeper <i>in Vivo</i> Bioimaging without Overheating Irradiation. ACS Nano, 2011, 5, 3744-3757.	7.3	490
551	A thin film broadband absorber based on multi-sized nanoantennas. Applied Physics Letters, 2011, 99, .	1.5	250
552	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
553	An Electrically Small Frequency Reconfigurable Antenna With a Wide Tuning Range. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 103-106.	2.4	57
554	Compact Arrayed Waveguide Grating Devices Based on Small SU-8 Strip Waveguides. Journal of Lightwave Technology, 2011, 29, 2009-2014.	2.7	48
555	Optical Multi-Level Signal Generation Using Four-Wave-Mixing. Journal of Lightwave Technology, 2011, 29, 2166-2172.	2.7	6
556	Spectrally encoded photonic crystal nanocavities by independent lithographic mode tuning. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 721.	0.9	4
557	Exciting multiple plasmonic resonances by a double-layered metallic nanostructure. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 2827.	0.9	11
558	Dispersion engineering of a silicon-nanocrystal-based slot waveguide for broadband wavelength conversion. Applied Optics, 2011, 50, 1260.	2.1	51

#	ARTICLE	IF	CITATIONS
559	Sub- $\frac{1}{4}\lambda^2$ power splitters by using silicon hybrid plasmonic waveguides. Optics Express, 2011, 19, 838.	1.7	72
560	Optical fiber relative humidity sensor based on FBG incorporated thin-core fiber \hat{e} modal interferometer. Optics Express, 2011, 19, 4140.	1.7	110
561	Arbitrarily thin metamaterial structure for perfect absorption and giant magnification. Optics Express, 2011, 19, 11114.	1.7	60
562	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
563	Silicon hybrid plasmonic submicron-donut resonator with pure dielectric access waveguides. Optics Express, 2011, 19, 23671.	1.7	78
564	Measurement of viscosity of lyotropic liquid crystals by means of rotating laser-trapped microparticles. Optics Express, 2011, 19, 25134.	1.7	21
565	Stimulated Brillouin scattering slow-light-based fiber-optic temperature sensor. Optics Letters, 2011, 36, 427.	1.7	20
566	Selective excitation and coupling of high-order optical modes of a microstructured optical fiber by using a fiber-end microtip. Optics Letters, 2011, 36, 4074.	1.7	4
567	All-optical multiple-channel logic XOR gate for NRZ-DPSK signals based on nondegenerate four-wave mixing in a silicon waveguide. Optics Letters, 2011, 36, 4260.	1.7	23
568	EVANESCENT-MODE SUBSTRATE INTEGRATED WAVEGUIDE (SIW) FILTERS IMPLEMENTED WITH COMPLEMENTARY SPLIT RING RESONATORS. Progress in Electromagnetics Research, 2011, 111, 419-432.	1.6	57
569	TERAHERTZ METAMATERIAL MODULATORS BASED ON ABSORPTION. Progress in Electromagnetics Research, 2011, 119, 449-460.	1.6	32
570	DETECTION OF GAS CONCENTRATION BY CORRELATION SPECTROSCOPY USING A MULTI-WAVELENGTH FIBER LASER. Progress in Electromagnetics Research, 2011, 114, 469-479.	1.6	17
571	CONSISTENT FORMALISM FOR THE MOMENTUM OF ELECTROMAGNETIC WAVES IN LOSSLESS DISPERSIVE METAMATERIALS AND THE CONSERVATION OF MOMENTUM. Progress in Electromagnetics Research, 2011, 116, 81-106.	1.6	9
572	Two-pump four-wave mixing in silicon waveguides for broadband wavelength conversion. Proceedings of SPIE, 2011, , .	0.8	0
573	Fiber-optic metal ion sensor based on thin-core fiber modal interferometer with nanocoating self-assembled via hydrogen bonding. Sensors and Actuators B: Chemical, 2011, 160, 1174-1179.	4.0	24
574	Highly sensitive and fast responsive fiber-optic modal interferometric pH sensor based on polyelectrolyte complex and polyelectrolyte self-assembled nanocoating. Analytical and Bioanalytical Chemistry, 2011, 399, 3623-3631.	1.9	49
575	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
576	Localized surface plasmon resonance enhanced organic solar cell with gold nanospheres. Applied Energy, 2011, 88, 848-852.	5.1	174

#	ARTICLE	IF	CITATIONS
577	Fluorescence-surface enhanced Raman scattering co-functionalized gold nanorods as near-infrared probes for purely optical in vivo imaging. <i>Biomaterials</i> , 2011, 32, 1601-1610.	5.7	135
578	Aggregation-enhanced fluorescence in PEGylated phospholipid nanomicelles for in vivo imaging. <i>Biomaterials</i> , 2011, 32, 5880-5888.	5.7	92
579	IRZa€Manchester coding for downstream signal modulation in an ONU-source-free WDM-PON. <i>Optics Communications</i> , 2011, 284, 1218-1222.	1.0	13
580	Modified model for four-wave mixing-based wavelength conversion in silicon micro-ring resonators. <i>Optics Communications</i> , 2011, 284, 2215-2221.	1.0	10
581	Experimental Realization of a Low-loss Nano-scale Si Hybrid Plasmonic Waveguide. , 2011, , .		6
582	Properties and applications of some permeability-near-zero structures. , 2011, , .		0
583	Microfluidic refractive-index sensors based on small-hole microstructured optical fiber Bragg gratings. <i>Applied Physics Letters</i> , 2011, 98, 221109.	1.5	31
584	Ultracompact silicon nanowire circuits for optical communication and optical sensing. , 2011, , .		0
585	Adaptive Chromatic Dispersion Compensation for Coherent Communication Systems Using Delay-Tap Sampling Technique. <i>IEEE Photonics Technology Letters</i> , 2011, 23, 1016-1018.	1.3	32
586	Multifunctional optical imaging using dye-coated gold nanorods in a turbid medium. <i>Journal of Biomedical Optics</i> , 2011, 16, 016002.	1.4	6
587	An Integrated Optical Mixer Based on SU8 Polymer for PDM-QPSK Demodulation. <i>IEEE Photonics Technology Letters</i> , 2011, 23, 1490-1492.	1.3	7
588	Switchable Polarization-Sensitive Surface Plasmon Resonance of Highly Stable Gold Nanorods-Liquid Crystals Composites. , 2011, , .		0
589	Optical ASK-DPSK and QAM Signal Generation Using FWM in High Nonlinearity Fiber (HNLF). , 2011, , .		1
590	Squeezing electromagnetic energy and enhancing radiation with some permeability-near-zero structures. , 2010, , .		0
591	Multilayered polyelectrolyte-coated gold nanorods as multifunctional optical contrast agents for cancer cell imaging. <i>Journal of Zhejiang University: Science B</i> , 2010, 11, 417-422.	1.3	12
592	Functionalized near-infrared quantum dots for in vivo tumor vasculature imaging. <i>Nanotechnology</i> , 2010, 21, 145105.	1.3	60
593	Cascaded SOA configuration for NRZ-OOK to RZ-QPSK format conversion. <i>Optics Communications</i> , 2010, 283, 4609-4613.	1.0	5
594	Plasmon-Assisted Optical Curtains. <i>Plasmonics</i> , 2010, 5, 369-374.	1.8	4

#	ARTICLE	IF	CITATIONS
595	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
596	Experimental Demonstration of Deeply-Etched SiO ₂ Ridge Optical Waveguides and Devices. IEEE Journal of Quantum Electronics, 2010, 46, 28-34.	1.0	10
597	Using Some Nanoparticles as Contrast Agents for Optical Bioimaging. IEEE Journal of Selected Topics in Quantum Electronics, 2010, 16, 672-684.	1.9	21
598	Inverse Transformation Optics and Reflection Analysis for Two-Dimensional Finite-Embedded Coordinate Transformation. IEEE Journal of Selected Topics in Quantum Electronics, 2010, 16, 427-432.	1.9	7
599	Polarization-Independent Wavelength Conversion Using an Angled-Polarization Pump in a Silicon Nanowire Waveguide. IEEE Journal of Selected Topics in Quantum Electronics, 2010, 16, 250-256.	1.9	31
600	CAN MAXWELL'S FISH EYE LENS REALLY GIVE PERFECT IMAGING?. Progress in Electromagnetics Research, 2010, 108, 307-322.	1.6	25
601	CAN MAXWELL'S FISH EYE LENS REALLY GIVE PERFECT IMAGING? PART II. THE CASE WITH PASSIVE DRAINS. Progress in Electromagnetics Research, 2010, 110, 313-328.	1.6	18
602	Silicon-nanowire-based optical sensor with high sensitivity and large measurement range by using Mach-Zehnder interferometer-coupled microring. , 2010, , .		0
603	Silicon-nanowire-based optical sensor by using Mach-Zehnder interferometer-coupled microring. , 2010, , .		3
604	Aqueous Synthesis and Fluorescence-Imaging Application of CdTe/ZnSe Core/Shell Quantum Dots with High Stability and Low Cytotoxicity. Journal of Nanoscience and Nanotechnology, 2010, 10, 1741-1746.	0.9	23
605	An efficiently tunable microring resonator using a liquid crystal-cladded polymer waveguide. Applied Physics Letters, 2010, 97, 121109.	1.5	11
606	Abnormal enhancement of electric field inside a thin permittivity-near-zero object in free space. Physical Review B, 2010, 82, .	1.1	5
607	Squeezing electromagnetic energy with a dielectric split ring inside a permeability-near-zero metamaterial. Physical Review B, 2010, 81, .	1.1	32
608	Compact and low profile co-located MIMO antenna structure with polarisation diversity and high port isolation. Electronics Letters, 2010, 46, 108.	0.5	33
609	All-optical wavelength conversion based on four-wave mixing in silicon waveguides. , 2010, , .		0
610	Silicon-nanowire-based optical sensor with high sensitivity and large measurement range by using Mach-Zehnder interferometer-coupled microring. , 2010, , .		0
611	Experimental demonstration of an ultracompact polarization beamsplitter based on a multimode interference coupler with internal photonic crystals. Optical Engineering, 2010, 49, 060503.	0.5	6
612	A study of mesoporous silica-encapsulated gold nanorods as enhanced light scattering probes for cancer cell imaging. Nanotechnology, 2010, 21, 055704.	1.3	92

#	ARTICLE	IF	CITATIONS
613	Fiber-Optic High-Temperature Sensor Based on Thin-Core Fiber Modal Interferometer. IEEE Sensors Journal, 2010, 10, 1415-1418.	2.4	102
614	Photonic crystal slot nanobeam slow light waveguides for refractive index sensing. Applied Physics Letters, 2010, 97, .	1.5	105
615	Demonstration of Low-Cost Uplink Transmission in a Coherent OCDMA PON Using Gain-Switched Fabry-Pérot Lasers With External Injection. IEEE Photonics Technology Letters, 2010, 22, 583-585.	1.3	8
616	Wavelength Interchange of Phase-Shift-Keying Signal. IEEE Photonics Technology Letters, 2010, 22, 838-840.	1.3	16
617	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
618	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
619	Kinetics of Stop-Flow Atomic Layer Deposition for High Aspect Ratio Template Filling through Photonic Band Gap Measurements. Journal of Physical Chemistry C, 2010, 114, 14843-14848.	1.5	44
620	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
621	Enhancing fluorescence of quantum dots by silica-coated gold nanorods under one- and two-photon excitation. Optics Express, 2010, 18, 11335.	1.7	66
622	Demonstration of optical steganography transmission using temporal phase coded optical signals with spectral notch filtering. Optics Express, 2010, 18, 12415.	1.7	46
623	Enhancing and suppressing radiation with some permeability-near-zero structures. Optics Express, 2010, 18, 16587.	1.7	59
624	Highly sensitive bending sensor based on Er ³⁺ -doped DBR fiber laser. Optics Express, 2010, 18, 17834.	1.7	60
625	Low-loss hybrid plasmonic waveguide with double low-index nano-slots. Optics Express, 2010, 18, 17958.	1.7	155
626	Carpet cloaking on a dielectric half-space. Optics Express, 2010, 18, 18158.	1.7	19
627	OCDMA PON supporting ONU inter-networking based on gain-switched Fabry-Pérot lasers with external dual-wavelength injection. Optics Express, 2010, 18, 22982.	1.7	5
628	A novel structure for double negative NIMs towards UV spectrum with high FOM. Optics Express, 2010, 18, 25256.	1.7	6
629	Experimental demonstration of bandwidth enhancement based on two-pump wavelength conversion in a silicon waveguide. Optics Express, 2010, 18, 27885.	1.7	21
630	Highly efficient nonuniform grating coupler for silicon-on-insulator nanophotonic circuits. Optics Letters, 2010, 35, 1290.	1.7	136

#	ARTICLE	IF	CITATIONS
631	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
632	Controlling mode degeneracy in a photonic crystal nanocavity with infiltrated liquid crystal. Optics Letters, 2010, 35, 2603.	1.7	10
633	Picosecond and Sub-Picosecond Flat-Top Pulse Shaping Using Abrupt Taper Interferometers. Journal of Lightwave Technology, 2010, 28, 876-881.	2.7	5
634	Low Coherent Optical Frequency Domain Reflectometry Interrogates Fiber Bragg Grating Sensors. Journal of Lightwave Technology, 2010, , .	2.7	2
635	Performance Evaluation of Nondegenerate Wavelength Conversion in a Silicon Nanowire Waveguide. Journal of Lightwave Technology, 2010, , .	2.7	5
636	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
637	Accurate and efficient simulation for silicon-nanowire-based multimode interference couplers with a 3D finite-element mode-propagation analysis. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 1813.	0.9	12
638	Reducing the driving voltage of a phase modulator with cascaded four-wave-mixing processes. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 2360.	0.9	5
639	InGaAs PIN photodetectors integrated on silicon-on-insulator waveguides. Optics Express, 2010, 18, 1756.	1.7	80
640	Self-Alignment of Plasmonic Gold Nanorods in Reconfigurable Anisotropic Fluids for Tunable Bulk Metamaterial Applications. Nano Letters, 2010, 10, 1347-1353.	4.5	322
641	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
642	Printed MIMO antenna system of four closely-spaced elements with large bandwidth and high isolation. Electronics Letters, 2010, 46, 1052.	0.5	52
643	90° polarization rotator using a bilayered chiral metamaterial with giant optical activity. Applied Physics Letters, 2010, 96, .	1.5	361
644	Cladding-Mode-Recoupling-Based Tilted Fiber Bragg Grating Sensor With a Core-Diameter-Mismatched Fiber Section. IEEE Photonics Journal, 2010, 2, 152-157.	1.0	36
645	Fiber Bragg Grating Based Wireless Sensor Module With Modulated Radio-Frequency Signal. IEEE Microwave and Wireless Components Letters, 2010, 20, 358-360.	2.0	4
646	Transversal-Load Sensor by Using Local Pressure on a Chirped Fiber Bragg Grating. IEEE Sensors Journal, 2010, 10, 1140-1141.	2.4	11
647	Optical coherence tomography for identifying the variety of rice grains. , 2010, , .		1
648	Temperature sensing using stimulated Brillouin scattering based slow light. , 2010, , .		3

#	ARTICLE	IF	CITATIONS
649	Controlling yield and morphology for gold nanorods in a seed-mediated synthesis method for cell imaging. , 2010, , .		0
650	Multimode transmission in complementary plasmonic structures at terahertz frequencies. Applied Physics Letters, 2010, 96, 073506.	1.5	6
651	Some Wavelength-Spacing Continuously Tunable Multi-wavelength Fiber Lasers Based on Four-Wave-Mixing Effect. , 2010, , .		2
652	Electrically Processed OCDMA System Based on Spatial Coding and Subcarrier Multiplexing. , 2010, , .		3
653	Broadband Wavelength Conversion by Nondegenerate Four-Wave Mixing in a Silicon-On-Insulator Waveguide. , 2010, , .		1
654	Planar Waveguide Multiplexers/Demultiplexers in Optical Networks. , 2010, , 16-1-16-24.		0
655	OPTIMAL DESIGN OF A SILICON-ON-INSULATOR NANOWIRE WAVEGUIDE FOR BROADBAND WAVELENGTH CONVERSION. Progress in Electromagnetics Research, 2009, 89, 183-198.	1.6	31
656	Improving the biocompatibility and stability of gold nanorods(GNRs) as bioimaging tags through silica coating. , 2009, , .		0
657	Extremely compact dual-band PIFAs for MIMO application. Electronics Letters, 2009, 45, 869.	0.5	18
658	Accumulated sidewall damage in dry etched photonic crystals. Journal of Vacuum Science & Technology B, 2009, 27, 1969-1975.	1.3	4
659	Experimental demonstration of an ultracompact polarization beam splitter based on a bidirectional grating coupler. , 2009, , .		2
660	Colloidal mesoporous silica nanoparticles with protoporphyrin IX encapsulated for photodynamic therapy. Journal of Biomedical Optics, 2009, 14, 014012.	1.4	53
661	Comparative Study of Losses in Ultrasharp Silicon-on-Insulator Nanowire Bends. IEEE Journal of Selected Topics in Quantum Electronics, 2009, 15, 1406-1412.	1.9	32
662	Quantum-Dots-Doped ORMOSIL Nanoparticles as Optical Probes for Total Internal Reflection Fluorescence Imaging of Cancer Cells. IEEE Journal of Selected Topics in Quantum Electronics, 2009, 15, 1374-1379.	1.9	7
663	Parametric analysis of Sierpinski-like fractal patch antenna for compact and dual band WLAN applications. Microwave and Optical Technology Letters, 2009, 51, 36-40.	0.9	4
664	Low profile and compact size coplanar UWB antenna working from 2.8 GHz to over 40 GHz. Microwave and Optical Technology Letters, 2009, 51, 408-411.	0.9	5
665	Dual-band rejection filter based on split ring resonator (SRR) and complimentary SRR. Microwave and Optical Technology Letters, 2009, 51, 2519-2522.	0.9	20
666	Equivalent circuit of complementary split-ring resonator loaded transmission line. Microwave and Optical Technology Letters, 2009, 51, 2432-2434.	0.9	6

#	ARTICLE	IF	CITATIONS
667	Differential absorption optical coherence tomography with strong absorption contrast agents of gold nanorods. <i>Frontiers of Optoelectronics in China</i> , 2009, 2, 141-145.	0.2	4
668	Optical nano-antennas and metamaterials. <i>Materials Today</i> , 2009, 12, 16-24.	8.3	26
669	Localized surface plasmon resonance (LSPR) of polyelectrolyte-functionalized gold-nanoparticles for bio-sensing. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 332, 172-179.	2.3	58
670	Transmission enhancement, perfect absorption and field squeezing with nano-antennas and metamaterials. , 2009, , .		0
671	Novel fiber Bragg grating sensing scheme based on radio-frequency signal measurement. , 2009, , .		1
672	Study of Charge Diffusion at the Carbon Nanotube \sim SiO ₂ Interface by Electrostatic Force Microscopy. <i>Journal of Physical Chemistry C</i> , 2009, 113, 15476-15479.	1.5	5
673	Modified $\{m\text{TM}\}_{020}$ Mode of a Rectangular Patch Antenna Partially Loaded With Metamaterial for Dual-Band Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2009, 8, 1006-1009.	2.4	32
674	Ultrawideband MIMO/Diversity Antennas With a Tree-Like Structure to Enhance Wideband Isolation. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2009, 8, 1279-1282.	2.4	354
675	Transversal Loading Sensor Based on Tunable Beat Frequency of a Dual-Wavelength Fiber Laser. <i>IEEE Photonics Technology Letters</i> , 2009, 21, 987-989.	1.3	31
676	Enhancing extraordinary transmission of light through a metallic nanoslit with a nanocavity antenna. <i>Optics Letters</i> , 2009, 34, 16.	1.7	69
677	Experimental demonstration of a cross-order echelle grating triplexer based on an amorphous silicon nanowire platform. <i>Optics Letters</i> , 2009, 34, 383.	1.7	23
678	Ultracompact low-loss coupler between strip and slot waveguides. <i>Optics Letters</i> , 2009, 34, 1498.	1.7	119
679	Fabrication and Characterization of Small Optical Ridge Waveguides Based on SU-8 Polymer. <i>Journal of Lightwave Technology</i> , 2009, 27, 4091-4096.	2.7	70
680	Dual-Wavelength Single-Longitudinal-Mode Polarization-Maintaining Fiber Laser and Its Application in Microwave Generation. <i>Journal of Lightwave Technology</i> , 2009, 27, 4455-4459.	2.7	53
681	Compact Microring Resonator With 2 \times Tapered Multimode Interference Couplers. <i>Journal of Lightwave Technology</i> , 2009, 27, 4878-4883.	2.7	10
682	Highly sensitive sensor based on an ultra-high-Q Mach-Zehnder interferometer-coupled microring. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2009, 26, 511.	0.9	46
683	Nanocavity antenna array for enhancing extraordinary optical transmission of light through a metallic nanoslit. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2009, 26, 2131.	0.9	11
684	Light wheel confined in a purely dielectric composite waveguide. <i>Optics Express</i> , 2009, 17, 4348.	1.7	2

#	ARTICLE	IF	CITATIONS
685	A theoretical re-examination of giant transmission of light through a metallic nano-slit surrounded with periodic grooves. <i>Optics Express</i> , 2009, 17, 13995.	1.7	19
686	A silicon-based hybrid plasmonic waveguide with a metal cap for a nano-scale light confinement. <i>Optics Express</i> , 2009, 17, 16646.	1.7	500
687	Fabrication of a compact reflective long-period grating sensor with a cladding-mode-selective fiber end-face mirror. <i>Optics Express</i> , 2009, 17, 17976.	1.7	52
688	Low-cost high-performance fiber-optic pH sensor based on thin-core fiber modal interferometer. <i>Optics Express</i> , 2009, 17, 22296.	1.7	146
689	Characteristic analysis of tapered lens fibers for light focusing and butt-coupling to a silicon rib waveguide. <i>Applied Optics</i> , 2009, 48, 672.	2.1	13
690	Design of a Polarization Insensitive Triplexer Using Directional Couplers Based on Submicron Silicon Rib Waveguides. <i>Journal of Lightwave Technology</i> , 2009, 27, 1443-1447.	2.7	36
691	High-Resolution Strain/Temperature Sensing System Based on a High-Finesse Fiber Cavity and Time-Domain Wavelength Demodulation. <i>Journal of Lightwave Technology</i> , 2009, 27, 2477-2481.	2.7	32
692	Metallic Nanostructures as Localized Plasmon Resonance Enhanced Scattering Probes for Multiplex Dark-Field Targeted Imaging of Cancer Cells. <i>Journal of Physical Chemistry C</i> , 2009, 113, 2676-2684.	1.5	152
693	Proposal for a Grating Waveguide Serving as Both a Polarization Splitter and an Efficient Coupler for Silicon-on-Insulator Nanophotonic Circuits. <i>IEEE Photonics Technology Letters</i> , 2009, 21, 242-244.	1.3	84
694	Compact Microracetrack Resonator Devices Based on Small SU-8 Polymer Strip Waveguides. <i>IEEE Photonics Technology Letters</i> , 2009, 21, 254-256.	1.3	23
695	High-Frequency Fiber Bragg Grating Sensing Interrogation System Using Sagnac-Loop-Based Microwave Photonic Filtering. <i>IEEE Photonics Technology Letters</i> , 2009, 21, 519-521.	1.3	32
696	Elimination of Multiple Access Interference in Ultrashort Pulse OCDMA Through Nonlinear Polarization Rotation. <i>IEEE Photonics Technology Letters</i> , 2009, 21, 1484-1486.	1.3	13
697	Shortened Polarization Beam Splitters With Two Cascaded Multimode Interference Sections. <i>IEEE Photonics Technology Letters</i> , 2009, 21, 1538-1540.	1.3	56
698	Proposal of a Coupled-Microring-Based Wavelength-Selective $1 \times N$ Power Splitter. <i>IEEE Photonics Technology Letters</i> , 2009, 21, 1630-1632.	1.3	9
699	Compact silicon-based wavelength-selective photonic integrated devices and the applications. , 2009, , .		3
700	A Compact Planar MIMO Antenna System of Four Elements With Similar Radiation Characteristics and Isolation Structure. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2009, 8, 1107-1110.	2.4	151
701	Fluorescence quenching of quantum dots by gold nanorods and its application to DNA detection. <i>Applied Physics Letters</i> , 2009, 94, 063111.	1.5	103
702	Effects of disorder in a photonic crystal on the extraction efficiency of a light-emitting diode. <i>Journal of Applied Physics</i> , 2009, 106, 014508.	1.1	9

#	ARTICLE	IF	CITATIONS
703	Theoretical Investigation for Reducing Polarization Sensitivity in Si-Nanowire-Based Arrayed-Waveguide Grating (de)Multiplexer With Polarization-Beam-Splitters and Reflectors. IEEE Journal of Quantum Electronics, 2009, 45, 654-660.	1.0	11
704	Multifocus Structures of Ultrashort Self-Focusing Laser Beam Observed in a Three-Photon Fluorescent Medium. IEEE Journal of Quantum Electronics, 2009, 45, 816-824.	1.0	5
705	MIMO antenna system of two closely-positioned PIFAs with high isolation. Electronics Letters, 2009, 45, 771.	0.5	37
706	A Broadband Low Profile Patch Antenna of Compact Size With Three Resonances. IEEE Transactions on Antennas and Propagation, 2009, 57, 1838-1843.	3.1	26
707	Enhanced efficiency of a fluorescing nanoparticle with a silver shell. Journal of Physics: Conference Series, 2009, 188, 012055.	0.3	0
708	Observation of the thermal nonlinear optical effect in a microring resonator based on a small SU-8 polymer ridge optical waveguide. , 2009, , .		4
709	Experimental Demonstration of an ultracompact Polarization Beam Splitter Based on a Bidirectional Grating Coupler. , 2009, , .		6
710	Observation of the thermal nonlinear optical effect in a microring resonator based on a small SU-8 polymer ridge optical waveguide. , 2009, , .		0
711	Bragg grating-assisted optical triplexer using two silicon nanowire-based directional couplers. , 2009, , .		1
712	Optical low-coherence reflectometry for a distributed sensor array of fiber Bragg gratings. Sensors and Actuators A: Physical, 2008, 144, 64-68.	2.0	12
713	Low profile and small size frequency notched planar monopole antenna from 3.5 to 23.64 GHz. Microwave and Optical Technology Letters, 2008, 50, 235-236.	0.9	20
714	Circular fractal monopole antenna based on descartes circle theorem for UWB application. Microwave and Optical Technology Letters, 2008, 50, 1605-1608.	0.9	5
715	Spherical vector wave functions solution to scattering of a plane wave by a spherical shell of uniaxial anisotropic left-handed material. Microwave and Optical Technology Letters, 2008, 50, 2142-2146.	0.9	1
716	Novel diplexer using composite right/left-handed transmission lines. Microwave and Optical Technology Letters, 2008, 50, 2970-2973.	0.9	4
717	Design and optimization of an arbitrarily segmented traveling wave electrode for an ultrahigh speed electroabsorption modulator. Optics Communications, 2008, 281, 5177-5182.	1.0	8
718	Thermal analysis for a photonic Si ridge wire with a submicron metal heater. Optics Communications, 2008, 281, 2467-2471.	1.0	10
719	A hybrid modeling for the theoretical analysis of reflections in a multimode-interference coupler based on silicon-on-insulator nanowires. Optics Communications, 2008, 281, 3099-3104.	1.0	1
720	Novel ultrasmall Si-nanowire-based arrayed-waveguide grating interleaver with spirals. Optics Communications, 2008, 281, 3471-3475.	1.0	14

#	ARTICLE	IF	CITATIONS
721	Science Letters: Lattice type transmission line of negative refractive index. Journal of Zhejiang University: Science A, 2008, 9, 289-292.	1.3	0
722	Fabrication of submicron structures in nanoparticle/polymer composite by holographic lithography and reactive ion etching. Applied Physics Letters, 2008, 93, 203509.	1.5	6
723	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
724	High Utilization of Wavelengths and Simple Interconnection Between Users in a Protection Scheme for Passive Optical Networks. IEEE Photonics Technology Letters, 2008, 20, 389-391.	1.3	24
725	Microchanneled Chirped Fiber Bragg Grating Formed by Femtosecond Laser-Aided Chemical Etching for Refractive Index and Temperature Measurements. IEEE Photonics Technology Letters, 2008, 20, 1609-1611.	1.3	11
726	A Simple and Tunable Single-Bandpass Microwave Photonic Filter of Adjustable Shape. IEEE Photonics Technology Letters, 2008, 20, 1917-1919.	1.3	23
727	Multiplexing Scheme of Long-Period Grating Sensors Based on a Modified Optical Frequency Domain Reflectometry. IEEE Photonics Technology Letters, 2008, 20, 1962-1964.	1.3	7
728	High-Frequency Ultrasonic Hydrophone Based on a Cladding-Etched DBR Fiber Laser. IEEE Photonics Technology Letters, 2008, 20, 548-550.	1.3	35
729	Proposal for Diminishment of the Polarization-Dependency in a Si-Nanowire Multimode Interference (MMI) Coupler by Tapering the MMI Section. IEEE Photonics Technology Letters, 2008, 20, 599-601.	1.3	17
730	Design of a Polarization-Insensitive Echelle Grating Demultiplexer Based on Silicon Nanophotonic Wires. IEEE Photonics Technology Letters, 2008, 20, 860-862.	1.3	12
731	Compact $2\tilde{A}$ -2 tapered multimode interference couplers based on SU-8 polymer rectangular waveguides. Applied Physics Letters, 2008, 93, .	1.5	25
732	Double-layer fabrication scheme for large-area polymeric photonic crystal membrane on silicon surface by multibeam interference lithography. Optics Letters, 2008, 33, 1303.	1.7	10
733	Multiple fiber Bragg grating interrogation based on a spectrum-limited Fourier domain mode-locking fiber laser. Optics Letters, 2008, 33, 1395.	1.7	71
734	Ultracompact directional couplers realized in InP by utilizing feature size dependent etching. Optics Letters, 2008, 33, 1927.	1.7	14
735	Interrogation technique for a fiber Bragg grating sensing array based on a Sagnac interferometer and an acousto-optic modulator. Optics Letters, 2008, 33, 2485.	1.7	12
736	Design of an ultrashort Si-nanowaveguide-based multimode interference coupler of arbitrary shape. Applied Optics, 2008, 47, 38.	2.1	14
737	Long-period grating fabricated by periodically tapering standard single-mode fiber. Applied Optics, 2008, 47, 1549.	2.1	40
738	Design of subwavelength corrugated metal waveguides for slow waves at terahertz frequencies. Applied Optics, 2008, 47, 3694.	2.1	27

#	ARTICLE	IF	CITATIONS
739	Ultrasmall Thermally Tunable Microring Resonator With a Submicrometer Heater on Si Nanowires. Journal of Lightwave Technology, 2008, 26, 704-709.	2.7	38
740	A Small Polymeric Ridge Waveguide With a High Index Contrast. Journal of Lightwave Technology, 2008, 26, 1964-1968.	2.7	11
741	Superlens formed by a one-dimensional dielectric photonic crystal. Journal of the Optical Society of America B: Optical Physics, 2008, 25, 391.	0.9	11
742	Cloaking an object on a dielectric half-space. Optics Express, 2008, 16, 3161.	1.7	29
743	Slow light in a dielectric waveguide with negative-refractive-index photonic crystal cladding. Optics Express, 2008, 16, 11077.	1.7	45
744	Band-rejection fiber filter and fiber sensor based on a Bragg fiber of transversal resonant structure. Optics Express, 2008, 16, 16489.	1.7	21
745	Enhancing resonant tunnelling of a wide beam through vertical slow-light photonic-crystal waveguides (SPCWs) with an assistant horizontal SPCW. Optics Express, 2008, 16, 19550.	1.7	2
746	Bio-molecule-conjugated fluorescent organically modified silica nanoparticles as optical probes for cancer cell imaging. Optics Express, 2008, 16, 19568.	1.7	61
747	Stimulated Rayleigh-Bragg Scattering From a Two-Photon Absorbing CdSe/CdS/ZnS Quantum-Rods System: Optical Power Limiting and Phase-Conjugation. IEEE Journal of Quantum Electronics, 2008, 44, 894-901.	1.0	2
748	IMPEDANCE-MATCHED MULTILAYERED STRUCTURE CONTAINING A ZERO-PERMITTIVITY MATERIAL FOR SPATIAL FILTERING. Journal of Nonlinear Optical Physics and Materials, 2008, 17, 349-355.	1.1	10
749	Dynamic properties and optical phase conjugation of two-photon pumped ultrashort blue stimulated emission in a chromophore solution. Physical Review A, 2008, 77, .	1.0	10
750	Impact of the self-assembly of multilayer polyelectrolyte functionalized gold nanorods and its application to biosensing. Nanotechnology, 2008, 19, 355501.	1.3	29
751	Propagation loss of terahertz surface plasmon polaritons on a periodically structured Ag surface. Journal of Applied Physics, 2008, 104, 103531.	1.1	12
752	Microwave-photonic frequency doubling utilising phase modulator and fibre Bragg grating. Electronics Letters, 2008, 44, 131.	0.5	6
753	Low-index-material-based nano-slot waveguide with quasi-Bragg-reflector buffer. Electronics Letters, 2008, 44, 1354.	0.5	3
754	Ultrasmall integrated devices based on silicon nanowires for optical communications. Journal of Nanophotonics, 2008, 2, 021780.	0.4	2
755	Strain Sensor System Based on a High Finesse Fiber Bragg Grating Fabry-Perot Cavity. , 2008, , .		0
756	Obtaining a nonsingular two-dimensional cloak of complex shape from a perfect three-dimensional cloak. Applied Physics Letters, 2008, 93, .	1.5	29

#	ARTICLE	IF	CITATIONS
757	Transparent structure consisting of metamaterial layers and matching layers. Physical Review A, 2008, 78, .	1.0	23
758	Highly efficient and tunable fluorescence of a nanofluorophore in silica/metal dual shells with plasmonic resonance. Journal of Applied Physics, 2008, 103, .	1.1	5
759	Total internal reflection type echelle grating demultiplexer based on amorphous silicon nanowire platform. Proceedings of SPIE, 2008, , .	0.8	4
760	A low-loss broadband y-branch for fiber to the home applications. Proceedings of SPIE, 2008, , .	0.8	0
761	Fiber Bragg grating interrogation for a sensing system based on a continuous-wave fourier domain mode locking fiber laser. , 2008, , .		3
762	Study on Enhancement of Fluorescence with Gold Nanorods. , 2008, , .		0
763	Etched Diffraction Grating Demultiplexers Based on Amorphous Silicon Nanowire Platform. , 2008, , .		2
764	Coherence Multiplexing of Absorption Sensors. , 2007, , .		0
765	Superlens from metal-dielectric composites of nonspherical particles. Physical Review B, 2007, 76, .	1.1	30
766	Simulation of light emission from a semiconductor nanowire/nanotube. Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS, 2007, , .	0.0	0
767	Comprehensive analysis and optimal design of top-emitting organic light-emitting devices. Journal of Applied Physics, 2007, 101, 113107.	1.1	26
768	Canalization for subwavelength focusing by a slab of dielectric photonic crystal. Physical Review B, 2007, 75, .	1.1	12
769	FOUR-WAVE MIXING IN LEFT-HANDED MATERIALS. Journal of Nonlinear Optical Physics and Materials, 2007, 16, 485-496.	1.1	4
770	Add/drop multiplexing and TDM signal transmission in an optical CDMA ring network. Journal of Optical Networking, 2007, 6, 969.	2.5	5
771	Strong resonant coupling of surface plasmon polaritons to radiation modes through a thin metal slab with dielectric gratings. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2007, 24, 225.	0.8	20
772	Channel-spacing-tunable multi-wavelength fiber ring laser with hybrid Raman and Erbium-doped fiber gains. Optics Express, 2007, 15, 930.	1.7	89
773	An improved Monte Carlo diffusion hybrid model for light reflectance by turbid media. Optics Express, 2007, 15, 5905.	1.7	11
774	Highly efficient fluorescence of a fluorescing nanoparticle with a silver shell. Optics Express, 2007, 15, 7083.	1.7	14

#	ARTICLE	IF	CITATIONS
775	Efficient optical modeling of spontaneous emission in a cylindrically layered nanostructure. Optics Express, 2007, 15, 10356.	1.7	1
776	A broad-angle polarization beam splitter based on a simple dielectric periodic structure. Optics Express, 2007, 15, 14363.	1.7	16
777	Birefringence compensated AWG demultiplexer with angled star couplers. Optics Express, 2007, 15, 15022.	1.7	23
778	Comparative study of the integration density for passive linear planar light-wave circuits based on three different kinds of nanophotonic waveguide. Applied Optics, 2007, 46, 1126.	2.1	40
779	Two-dimensional model for three-dimensional index-guided multimode plasmonic waveguides and the design of ultrasmall multimode interference splitters. Applied Optics, 2007, 46, 6223.	2.1	15
780	Efficient and Rigorous Modeling of Light Emission in Planar Multilayer Organic Light-Emitting Diodes. Journal of Display Technology, 2007, 3, 110-117.	1.3	36
781	Coherence Multiplexing of Distributed Sensors Based on Pairs of Fiber Bragg Gratings of Low Reflectivity. Journal of Lightwave Technology, 2007, 25, 2143-2148.	2.7	27
782	Improve Channel Uniformity of an Si-Nanowire AWG Demultiplexer by Using Dual-Tapered Auxiliary Waveguides. Journal of Lightwave Technology, 2007, 25, 3001-3007.	2.7	16
783	Modifications of the exciton lifetime and internal quantum efficiency for organic light-emitting devices with a weak/strong microcavity. Applied Physics Letters, 2007, 91, 221112.	1.5	24
784	Wavelength Detection of Coherence-Multiplexed Fiber-Optic Sensors Based on Long-Period Grating Pairs. IEEE Sensors Journal, 2007, 7, 36-37.	2.4	7
785	Wavelength-Spacing Tunable Multi-wavelength Fiber Lasers Based on Hybrid Gain Medium and Mach-Zehnder Interferometer. , 2007, , .		0
786	Multiplexing Scheme for Self-Interfering Long-Period Fiber Gratings Using a Low-Coherence Reflectometry. IEEE Sensors Journal, 2007, 7, 1663-1667.	2.4	12
787	Properties of CdSe quantum dots coated with silica fabricated in a facile way. Nanotechnology, 2007, 18, 375701.	1.3	13
788	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
789	Subwavelength focusing with a multilayered Fabry-Perot structure at optical frequencies. Physical Review B, 2007, 75, .	1.1	54
790	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
791	Surface Plasmon Bragg Gratings Formed in Metal-Insulator-Metal Waveguides. IEEE Photonics Technology Letters, 2007, 19, 91-93.	1.3	343
792	A Minimized SiO ₂ Waveguide With an Antiresonant Reflecting Structure for Large-Scale Optical Integrations. IEEE Photonics Technology Letters, 2007, 19, 759-761.	1.3	5

#	ARTICLE	IF	CITATIONS
793	Quasi-Distributed Absorption Sensing System Based on a Coherent Multiplexing Technique. IEEE Photonics Technology Letters, 2007, 19, 792-794.	1.3	2
794	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
795	High-Resolution Strain and Temperature Sensor Based on Distributed Bragg Reflector Fiber Laser. IEEE Photonics Technology Letters, 2007, 19, 1598-1600.	1.3	90
796	Polarization-Insensitive Ultrasmall Microring Resonator Design Based on Optimized Si Sandwich Nanowires. IEEE Photonics Technology Letters, 2007, 19, 1580-1582.	1.3	13
797	A Polarization-Insensitive 1310/1550-nm Demultiplexer Based on Sandwiched Multimode Interference Waveguides. IEEE Photonics Technology Letters, 2007, 19, 1789-1791.	1.3	25
798	Coherence Multiplexing System Based on Asymmetric Mach-Zehnder Interferometers for Faraday Sensors. IEEE Photonics Technology Letters, 2007, 19, 1907-1909.	1.3	3
799	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
800	Imaging Pancreatic Cancer Using Surface-Functionalized Quantum Dots. Journal of Physical Chemistry B, 2007, 111, 6969-6972.	1.2	106
801	Tunable and injection-switchable erbium-doped fiber laser of line structure. Microwave and Optical Technology Letters, 2007, 49, 765-768.	0.9	8
802	Reconfigurable multiwavelength erbium-doped fiber laser using two multimode fiber Bragg gratings. Microwave and Optical Technology Letters, 2007, 49, 1509-1511.	0.9	3
803	A simple method for simultaneous measurement of the tilt angle and temperature. Microwave and Optical Technology Letters, 2007, 49, 2248-2250.	0.9	2
804	Continuously tunable incoherent microwave photonic filter using a tunable Mach-Zehnder interferometer as the slicing filter. Microwave and Optical Technology Letters, 2007, 49, 2382-2386.	0.9	14
805	A diamond-like vertical monopole antenna for ultra-wideband communication. Microwave and Optical Technology Letters, 2007, 49, 2443-2446.	0.9	7
806	A compact ultra-wideband slot antenna with multiple notch frequency bands. Microwave and Optical Technology Letters, 2007, 49, 3056-3060.	0.9	100
807	Novel microwave photonic filter based on a mode-locked fiber laser. Laser Physics Letters, 2007, 4, 597-600.	0.6	17
808	Three-dimensional hybrid modeling based on a beam propagation method and a diffraction formula for an AWG demultiplexer. Optics Communications, 2007, 270, 195-202.	1.0	10
809	Multimode interference effect in plasmonic subwavelength waveguides and an ultra-compact power splitter. Optics Communications, 2007, 278, 199-203.	1.0	60
810	Highly-sensitive sensor with large measurement range realized with two cascaded-microring resonators. Optics Communications, 2007, 279, 89-93.	1.0	22

#	ARTICLE	IF	CITATIONS
811	Negative refraction of complex lattices of dielectric cylinders. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 360, 461-466.	0.9	11
812	The multi-staged formation process of titanium oxide nanotubes and its thermal stability. <i>Materials Letters</i> , 2007, 61, 730-735.	1.3	16
813	A new class of negative refractive index transmission line. <i>Journal of Zhejiang University: Science A</i> , 2007, 8, 1179-1182.	1.3	2
814	Negative permeability in a $\hat{\nu}$ -type three-level atomic vapor. <i>Applied Physics A: Materials Science and Processing</i> , 2007, 87, 291-295.	1.1	6
815	Propagation of a partially coherent twisted anisotropic Gaussian Schell-model beam in a turbulent atmosphere. <i>Applied Physics Letters</i> , 2006, 89, 041117.	1.5	205
816	Ultrasmall Overlapped Arrayed-Waveguide Grating Based on Si Nanowire Waveguides for Dense Wavelength Division Demultiplexing. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2006, 12, 1301-1305.	1.9	19
817	An Open Wedge Cavity Based on the Negative Refraction of a Photonic Crystal. <i>IEEE Microwave and Wireless Components Letters</i> , 2006, 16, 582-584.	2.0	1
818	Slow propagation of electromagnetic waves in a dielectric slab waveguide with a left-handed material substrate. <i>IEEE Microwave and Wireless Components Letters</i> , 2006, 16, 96-98.	2.0	60
819	High-efficiency polarization beam splitters based on a two-dimensional polymer photonic crystal. <i>Journal of Optics</i> , 2006, 8, 345-349.	1.5	16
820	Cross-order arrayed waveguide grating design for triplexers in fiber access networks. <i>IEEE Photonics Technology Letters</i> , 2006, 18, 232-234.	1.3	38
821	Enhanced linear dynamic range of asymmetric Fabry-Pe/spl acute/rot modulator/detector. <i>IEEE Photonics Technology Letters</i> , 2006, 18, 770-772.	1.3	5
822	Low-coherence interrogation scheme for multiplexed sensors based on long-period-grating Mach-Zehnder interferometers. <i>IEEE Photonics Technology Letters</i> , 2006, 18, 832-834.	1.3	12
823	Enhanced linear dynamic range of asymmetric Fabry-Pe/spl acute/rot modulator/detector. <i>IEEE Photonics Technology Letters</i> , 2006, 18, 1040-1042.	1.3	2
824	Echelle grating demultiplexers with reduced return loss by using chirped diffraction order design. <i>IEEE Photonics Technology Letters</i> , 2006, 18, 1506-1508.	1.3	2
825	Optimization of Ultracompact Polarization-Insensitive Multimode Interference Couplers Based on Si Nanowire Waveguides. <i>IEEE Photonics Technology Letters</i> , 2006, 18, 2017-2019.	1.3	39
826	Novel Ultracompact Triplexer Based on Photonic Crystal Waveguides. <i>IEEE Photonics Technology Letters</i> , 2006, 18, 2293-2295.	1.3	39
827	Etched Diffraction Grating Demultiplexers With Large Free-Spectral Range and Large Grating Facets. <i>IEEE Photonics Technology Letters</i> , 2006, 18, 2695-2697.	1.3	6
828	Novel ultrasmall arrayed-waveguide grating interleaver based on Si-nanowires with spirals. , 2006, , .		1

#	ARTICLE	IF	CITATIONS
829	Design and fabrication of ultra-small overlapped AWG demultiplexer based on -Si nanowire waveguides. <i>Electronics Letters</i> , 2006, 42, 400.	0.5	109
830	Average intensity and spreading of an elliptical Gaussian beam propagating in a turbulent atmosphere. <i>Optics Letters</i> , 2006, 31, 568.	1.7	124
831	Design of a polarization-insensitive arrayed waveguide grating demultiplexer based on silicon photonic wires. <i>Optics Letters</i> , 2006, 31, 1988.	1.7	35
832	Self-protection scheme against failures of distributed fiber links in an Ethernet passive optical network. <i>Journal of Optical Networking</i> , 2006, 5, 662.	2.5	17
833	Effects of surface roughness on the performance of an etched diffraction grating demultiplexer. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2006, 23, 646.	0.8	5
834	Propagation of hollow Gaussian beams through apertured paraxial optical systems. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2006, 23, 1410.	0.8	85
835	Partially coherent flattened Gaussian beam and its paraxial propagation properties. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2006, 23, 2623.	0.8	42
836	Sidelobe suppression design of etched diffraction grating demultiplexers using optimized air trenches in front of each output waveguide. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2006, 23, 2645.	0.8	3
837	Analytical method for the identification of a thin-strip defect in a planar waveguide. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2006, 23, 2650.	0.8	0
838	Propagation of various dark hollow beams in a turbulent atmosphere. <i>Optics Express</i> , 2006, 14, 1353.	1.7	270
839	Giant negative Goos-Hänchen shifts for a photonic crystal with a negative effective index. <i>Optics Express</i> , 2006, 14, 3024.	1.7	120
840	Novel ultracompact Si-nanowire-based arrayed-waveguide grating with microbends. <i>Optics Express</i> , 2006, 14, 5260.	1.7	24
841	Experimental observation of coincidence fractional Fourier transform with a partially coherent beam. <i>Optics Express</i> , 2006, 14, 6999.	1.7	20
842	Stable and uniform multi-wavelength fiber laser based on hybrid Raman and Erbium-doped fiber gains. <i>Optics Express</i> , 2006, 14, 10522.	1.7	67
843	Characteristic analysis of nanosilicon rectangular waveguides for planar light-wave circuits of high integration. <i>Applied Optics</i> , 2006, 45, 4941.	2.1	47
844	Optical low-coherence reflectometry based on long-period grating Mach-Zehnder interferometers. <i>Applied Optics</i> , 2006, 45, 5733.	2.1	8
845	Bilevel mode converter between a silicon nanowire waveguide and a larger waveguide. <i>Journal of Lightwave Technology</i> , 2006, 24, 2428-2433.	2.7	39
846	Design and optimization of a novel InP-based monolithically integrated optical channel monitor. <i>Journal of Lightwave Technology</i> , 2006, 24, 3743-3750.	2.7	4

#	ARTICLE	IF	CITATIONS
847	Highly integrated planar lightwave circuits based on plasmonic and Si nano-waveguides. Proceedings of SPIE, 2006, , .	0.8	1
848	Compact polarization beam splitter employing positive/negative refraction based on photonic crystals of pillar type. , 2006, , .		2
849	Preparation of free-standing silica 3D colloidal crystal film at water-air interface. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 441, 239-244.	2.6	15
850	Analysis of integrated corner mirrors by using a wide-angle beam propagation method. Optics Communications, 2006, 260, 733-740.	1.0	4
851	Optimal design for a flat-top AWG demultiplexer by using a fast calculation method based on a Gaussian beam approximation. Optics Communications, 2006, 262, 175-179.	1.0	11
852	Surface polaritons and slow propagation related to chiral media supporting backward waves. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 351, 354-358.	0.9	22
853	Edge technique for the measurement of Brillouin frequency shift in optical fiber sensor. Sensors and Actuators A: Physical, 2006, 127, 9-12.	2.0	4
854	A power divider based on a new kind of composite right/left-handed transmission line (CRLH TL) unit. Journal of Zhejiang University: Science A, 2006, 7, 1-4.	1.3	6
855	Analytical solution for electromagnetic scattering from a sphere of uniaxial left-handed material. Journal of Zhejiang University: Science A, 2006, 7, 99-104.	1.3	13
856	The Moore's Law for photonic integrated circuits. Journal of Zhejiang University: Science A, 2006, 7, 1961-1967.	1.3	39
857	Backward waves and negative refractive indices in gyrotropic chiral media. Journal of Physics A, 2006, 39, 15057-15057.	1.6	1
858	Backward waves and negative refractive indices in gyrotropic chiral media. Journal of Physics A, 2006, 39, 457-466.	1.6	20
859	Propagation of a Laguerre-Gaussian beam through a slightly misaligned paraxial optical system. Applied Physics B: Lasers and Optics, 2006, 84, 493-500.	1.1	35
860	Efficient and fine scheduling algorithm for bandwidth allocation in ethernet passive optical networks. IEEE Journal of Selected Topics in Quantum Electronics, 2006, 12, 653-660.	1.9	40
861	A novel notch filter utilizing a composite right/left-handed transmission line. Microwave and Optical Technology Letters, 2006, 48, 626-628.	0.9	4
862	A novel power divider utilizing composite right/left-handed transmission line. Microwave and Optical Technology Letters, 2006, 48, 1776-1779.	0.9	5
863	An all-fiber multi-wavelength Raman laser based on a PCF sagnac loop filter. Microwave and Optical Technology Letters, 2006, 48, 2416-2418.	0.9	22
864	Switchable dual-wavelength Raman erbium-doped fibre laser. Electronics Letters, 2006, 42, 202.	0.5	16

#	ARTICLE	IF	CITATIONS
865	Polarization beam splitter based on a two-dimensional photonic crystal of pillar type. Applied Physics Letters, 2006, 89, 1711-15.	1.5	128
866	Analysis and design of variable optical attenuators based on nematic liquid-crystal cells. Journal of Modern Optics, 2006, 53, 481-493.	0.6	5
867	Dimension-sensitive optical responses of electromagnetically induced transparency vapor in a waveguide. Physical Review A, 2006, 74, .	1.0	26
868	Compact Arrayed Waveguide Grating Demultiplexers Based on Amorphous Silicon Nanowires. , 2006, , .		3
869	Some progress in integrated photonics. , 2005, , .		0
870	An MMI-based demultiplexer with reduced cross-talk. Optics Communications, 2005, 247, 335-339.	1.0	7
871	Reduction of multimode effects in a SOI-based etched diffraction grating demultiplexer. Optics Communications, 2005, 247, 281-290.	1.0	2
872	A metal-coated etched diffraction demultiplexer with a low polarization dependent loss. Optics Communications, 2005, 252, 247-252.	1.0	3
873	Improved performance of a silicon-on-insulator-based multimode interference coupler by using taper structures. Optics Communications, 2005, 253, 276-282.	1.0	25
874	Optical and structural characterization of annealed proton exchange waveguides in Y-cut MgO:LiNbO ₃ . Optical Materials, 2005, 27, 1596-1601.	1.7	4
875	Sandwiched long-period gratings for simultaneous measurement of refractive index and temperature. IEEE Photonics Technology Letters, 2005, 17, 2397-2399.	1.3	96
876	Polarization performance analysis of etched diffraction grating demultiplexer using boundary element method. IEEE Journal of Selected Topics in Quantum Electronics, 2005, 11, 224-231.	1.9	11
877	Elimination of multimode effects in a silicon-on-insulator etched diffraction grating demultiplexer with bi-level taper structure. IEEE Journal of Selected Topics in Quantum Electronics, 2005, 11, 439-443.	1.9	15
878	Negative refraction in two-dimensional photonic crystals. Applied Physics A: Materials Science and Processing, 2005, 80, 1231-1236.	1.1	4
879	A new effective model for the director distribution of a twisted nematic liquid crystal cell. Journal of Optics, 2005, 7, 438-444.	1.5	6
880	Assembly of Silica Nanowires on Silica Aerogels for Microphotonic Devices. Nano Letters, 2005, 5, 259-262.	4.5	274
881	A novel algorithm for intra-ONU bandwidth allocation in ethernet passive optical networks. IEEE Communications Letters, 2005, 9, 850-852.	2.5	14
882	Coupling between plane waves and Bloch waves in photonic crystals with negative refraction. Physical Review B, 2005, 71, .	1.1	49

#	ARTICLE	IF	CITATIONS
883	Design of metal-cladded near-field fiber probes with a dispersive body-of-revolution finite-difference time-domain method. <i>Applied Optics</i> , 2005, 44, 3429.	2.1	12
884	Compact silicon-on-insulator-based multimode interference coupler with bilevel taper structure. <i>Applied Optics</i> , 2005, 44, 5036.	2.1	12
885	Optimal design of planar wavelength circuits based on Mach-Zehnder Interferometers and their cascaded forms. <i>Journal of Lightwave Technology</i> , 2005, 23, 1284-1290.	2.7	21
886	A hybrid diffraction method for the design of etched diffraction grating demultiplexers. <i>Journal of Lightwave Technology</i> , 2005, 23, 1426-1434.	2.7	3
887	Explicit formulas for the identification of a small defect in a planar waveguide. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2005, 22, 1414.	0.8	1
888	Analysis of the loss resulting from point defects for an etched diffraction grating demultiplexer by using the method of moments. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2005, 22, 1620.	0.8	8
889	Fast analysis method for polarization-dependent performance of a concave diffraction grating with total-internal-reflection facets. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2005, 22, 1947.	0.8	9
890	Broadband optical modulator of fiber type. <i>Optics Express</i> , 2005, 13, 842.	1.7	10
891	Focusing by a slab of chiral medium. <i>Optics Express</i> , 2005, 13, 4974.	1.7	96
892	Novel surface plasmon waveguide for high integration. <i>Optics Express</i> , 2005, 13, 6645.	1.7	470
893	Polarization beam splitters based on a two-dimensional photonic crystal of negative refraction. <i>Optics Letters</i> , 2005, 30, 2152.	1.7	52
894	Open cavity formed by a photonic crystal with negative effective index of refraction. <i>Optics Letters</i> , 2005, 30, 2308.	1.7	24
895	Optimization of step-changed long-period gratings for gain-flattening of EDFAs. <i>IEEE Photonics Technology Letters</i> , 2005, 17, 121-123.	1.3	8
896	Fiber-taper seeded long-period grating pair as a highly sensitive refractive-index sensor. <i>IEEE Photonics Technology Letters</i> , 2005, 17, 1247-1249.	1.3	199
897	Effect of volume defects on the performance of planar waveguide devices. <i>IEEE Photonics Technology Letters</i> , 2005, 17, 2322-2324.	1.3	3
898	Optimization and fabrication of stitched long-period gratings for gain flattening of ultrawide-band EDFAs. <i>IEEE Photonics Technology Letters</i> , 2005, 17, 2559-2561.	1.3	14
899	Negative refraction of left-handed behavior in porous alumina with infiltrated silver at an optical wavelength. <i>Applied Physics Letters</i> , 2005, 87, 101112.	1.5	24
900	On subwavelength and open resonators involving metamaterials of negative refraction index. <i>New Journal of Physics</i> , 2005, 7, 210-210.	1.2	46

#	ARTICLE	IF	CITATIONS
901	Wavelength assignment method for WDM network of star topology. Electronics Letters, 2004, 40, 625.	0.5	4
902	A simple analytical method for calculating the leakage loss of a buried rectangular waveguide. Journal of Optics, 2004, 6, 57-62.	1.5	4
903	Generation of a Dark Hollow Beam inside a Cavity. Chinese Physics Letters, 2004, 21, 298-301.	1.3	24
904	Effects of rounded corners on the performance of an echelle diffraction grating demultiplexer. Journal of Optics, 2004, 6, 769-773.	1.5	9
905	Finite-Size Effects of a Left-Handed Material Slab on the Image Quality. Physical Review Letters, 2004, 92, 107404.	2.9	129
906	Stability and quality factor of a one-dimensional subwavelength cavity resonator containing a left-handed material. Physical Review B, 2004, 69, .	1.1	31
907	Design for 2D anisotropic photonic crystal with large absolute band gaps by using a genetic algorithm. European Physical Journal B, 2004, 37, 417-419.	0.6	6
908	Calculation of the spectral response of an arrayed-waveguide gating demultiplexer with a wide-angle beam propagation method in a cylindrical coordinate system. Optical and Quantum Electronics, 2004, 36, 967-979.	1.5	0
909	Influence of the signal light on the transient optical properties of a four-level EIT medium. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 330, 487-495.	0.9	32
910	A MoM-based design and simulation method for an etched diffraction grating demultiplexer. Optics Communications, 2004, 233, 363-371.	1.0	12
911	Automatic real-time control for gain-flattened fiber Raman amplifiers. Optics Communications, 2004, 239, 79-84.	1.0	2
912	A Novel Directional Coupler Utilizing a Left-Handed Material. IEEE Photonics Technology Letters, 2004, 16, 171-173.	1.3	35
913	Waveguide Echelle Grating With Low Polarization-Dependent Loss Using Single-Side Metal-Coated Grooves. IEEE Photonics Technology Letters, 2004, 16, 1885-1887.	1.3	12
914	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
915	Analysis of characteristics of bent rib waveguides. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2004, 21, 113.	0.8	41
916	Analysis and design of a concave diffraction grating with total-internal-reflection facets by a hybrid diffraction method. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2004, 21, 1198.	0.8	11
917	Analysis of the polarization-dependent diffraction from a metallic grating by use of a three-dimensional combined vectorial method. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2004, 21, 1545.	0.8	2
918	Accurate two-dimensional model of an arrayed-waveguide grating demultiplexer and optimal design based on the reciprocity theory. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2004, 21, 2392.	0.8	7

#	ARTICLE	IF	CITATIONS
919	Two-stage design method for realization of photonic bandgap structures with desired symmetries by interference lithography. Optics Express, 2004, 12, 978.	1.7	16
920	Near-field optical storage system using a solid immersion lens with a left-handed material slab. Optics Express, 2004, 12, 4835.	1.7	31
921	Analysis of the birefringence of a silicon-on-insulator rib waveguide. Applied Optics, 2004, 43, 1156.	2.1	36
922	Y-branch spot-size converter for a buried silica waveguide with large index difference. Applied Optics, 2004, 43, 3315.	2.1	4
923	Three-dimensional photonic crystal of negative refraction achieved by interference lithography. Optics Letters, 2004, 29, 2542.	1.7	43
924	Subwavelength focusing and imaging by a multimode optical waveguide. Optics Letters, 2004, 29, 2864.	1.7	7
925	Focusing properties of a photonic crystal slab with negative refraction. Physical Review B, 2004, 70, .	1.1	76
926	A planar waveguide demultiplexer with a flat passband, sharp transitions and a low chromatic dispersion. Optics Communications, 2003, 227, 89-97.	1.0	16
927	Optimal design of a flat-top interleaver based on cascaded M \times Z interferometers by using a genetic algorithm. Optics Communications, 2003, 224, 229-236.	1.0	19
928	Design and simulation of a planar integrated demultiplexer for coarse WDM. Optics Communications, 2003, 225, 95-100.	1.0	11
929	Using a tapered MMI to flatten the passband of an AWG. Optics Communications, 2003, 219, 233-239.	1.0	21
930	The global analysis for an all-optical gain-clamped L-band erbium-doped fiber amplifier using a single fiber Bragg grating. Optics Communications, 2003, 224, 73-80.	1.0	3
931	Studies of imaging characteristics for a slab of a lossy left-handed material. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 309, 298-305.	0.9	14
932	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
933	A plane-wave expansion method based on the effective medium theory for calculating the band structure of a two-dimensional photonic crystal. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 313, 132-138.	0.9	26
934	Subwavelength-diameter silica wires for low-loss optical wave guiding. Nature, 2003, 426, 816-819.	18.7	1,500
935	General properties of N \times M self-images in a strongly confined rectangular waveguide. Applied Optics, 2003, 42, 4855.	2.1	17
936	Analysis of multimode effects in the free-propagation region of a silicon-on-insulator-based arrayed-waveguide grating demultiplexer. Applied Optics, 2003, 42, 4860.	2.1	6

#	ARTICLE	IF	CITATIONS
937	An analytic method for designing passband flattened dwdm demultiplexers using spatial phase modulation. <i>Journal of Lightwave Technology</i> , 2003, 21, 2314-2321.	2.7	15
938	On unusual narrow transmission bands for a multi-layered periodic structure containing left-handed materials. <i>Optics Express</i> , 2003, 11, 1283.	1.7	54
939	A quantitative study on detection and estimation of weak signals by using chaotic duffing oscillators. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2003, 50, 945-953.	0.1	117
940	Numerical study of a Gaussian beam propagating in media with negative permittivity and permeability by using a bidirectional beam propagation method. <i>Microwave and Optical Technology Letters</i> , 2003, 37, 292-296.	0.9	14
941	Backward wave region and negative material parameters of a structure formed by lattices of wires and split-ring resonators. <i>IEEE Transactions on Antennas and Propagation</i> , 2003, 51, 2582-2591.	3.1	86
942	Band structure for a one-dimensional photonic crystal containing left-handed materials. <i>Physical Review B</i> , 2003, 67, .	1.1	89
943	Design of two-dimensional photonic crystals with large absolute band gaps using a genetic algorithm. <i>Physical Review B</i> , 2003, 68, .	1.1	113
944	Study of the Leakage Loss in a Silica-on-Silicon Slab Waveguide. <i>Fiber and Integrated Optics</i> , 2003, 22, 249-261.	1.7	2
945	Degeneracy analysis for a supercell of a photonic crystal and its application to the creation of band gaps. <i>Physical Review E</i> , 2003, 67, 026612.	0.8	21
946	Obtaining the band structure of a complicated photonic crystal by linear operations. <i>Chinese Physics B</i> , 2003, 12, 642-648.	1.3	2
947	A simple, fast and accurate method of designing directional couplers by evaluating the phase difference of local supermodes. <i>Journal of Optics</i> , 2003, 5, 449-452.	1.5	7
948	Wavelength assignment for WDM ring. <i>Electronics Letters</i> , 2003, 39, 1400.	0.5	6
949	Revised finite-difference time-domain algorithm in a nonorthogonal coordinate system and its application to the computation of the band structure of a photonic crystal. <i>Journal of Applied Physics</i> , 2002, 91, 6499.	1.1	6
950	Band Structure of a Two-Dimensional Photonic Crystal with a Triangular Lattice of Anisotropic Elliptic Cylinders. <i>Chinese Physics Letters</i> , 2002, 19, 73-75.	1.3	8
951	Explicit identification of multiple small breast cancers in an optical mammographic imaging. <i>Inverse Problems</i> , 2002, 18, 1555-1567.	1.0	1
952	Large absolute band gaps in two-dimensional photonic crystals formed by large dielectric pixels. <i>Physical Review B</i> , 2002, 66, .	1.1	28
953	Analysis for the convergence problem of the plane-wave expansion method for photonic crystals. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2002, 19, 1021.	0.8	30
954	Optimal design method of a low-loss broadband Y branch with a multimode waveguide section. <i>Applied Optics</i> , 2002, 41, 7644.	2.1	18

#	ARTICLE	IF	CITATIONS
955	Optimal design of an MMI coupler for broadening the spectral response of an AWG demultiplexer. <i>Journal of Lightwave Technology</i> , 2002, 20, 1957-1961.	2.7	36
956	A low-loss Y-branch with a multimode waveguide transition section. <i>IEEE Photonics Technology Letters</i> , 2002, 14, 1124-1126.	1.3	31
957	Large Absolute Photonic Bandgap at High Frequencies in a Two-Dimensional Photonic Crystal with a Hexagonal Structure. <i>Chinese Physics Letters</i> , 2002, 19, 69-72.	1.3	11
958	A three-focal-point method for the optimal design of a flat-top planar waveguide demultiplexer. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2002, 8, 1179-1185.	1.9	22
959	An effective and accurate method for the design of directional couplers. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2002, 8, 1233-1238.	1.9	15
960	FDTD method for computing the off-plane band structure in a two-dimensional photonic crystal consisting of nearly free-electron metals. <i>Physica B: Condensed Matter</i> , 2002, 324, 403-408.	1.3	7
961	Estimation of amplitude and phase of a weak signal by using the property of sensitive dependence on initial conditions of a nonlinear oscillator. <i>Signal Processing</i> , 2002, 82, 103-115.	2.1	75
962	Optimization of three gas compositions in a CO2 laser. <i>Optics and Laser Technology</i> , 2002, 34, 231-238.	2.2	11
963	Optimal design of a multimode interference coupler using a genetic algorithm. <i>Optics Communications</i> , 2002, 209, 131-136.	1.0	16
964	A finite-difference eigenvalue algorithm for calculating the band structure of a photonic crystal. <i>Computer Physics Communications</i> , 2002, 143, 213-221.	3.0	23
965	Scattering of a Hermite-Gaussian beam field by a chiral sphere. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2001, 18, 1681.	0.8	49
966	Fast method for the localisation of current dipoles in the human brain. <i>Medical and Biological Engineering and Computing</i> , 2001, 39, 678-680.	1.6	0
967	FDTD algorithm for computing the off-plane band structure in a two-dimensional photonic crystal with dielectric or metallic inclusions. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2001, 278, 348-354.	0.9	34
968	Optimization of a sealed-off CO2 laser resonator by utilizing a genetic algorithm. <i>Optics and Laser Technology</i> , 2001, 33, 601-604.	2.2	14
969	Interference of signals in parallel waveguides in a two-dimensional photonic crystal. <i>Physica B: Condensed Matter</i> , 2001, 299, 187-193.	1.3	4
970	Explicit formulas for obtaining the radiation characteristics of an antenna based on a three-dimensional metallic photonic bandgap structure. <i>Microwave and Optical Technology Letters</i> , 2001, 29, 376-381.	0.9	1
971	High-directivity patch antenna with both photonic bandgap substrate and photonic bandgap cover. <i>Microwave and Optical Technology Letters</i> , 2001, 30, 41-44.	0.9	62
972	Antennas based on modified metallic photonic bandgap structures consisting of capacitively loaded wires. <i>Microwave and Optical Technology Letters</i> , 2001, 31, 214-221.	0.9	29

#	ARTICLE	IF	CITATIONS
973	Surface modes in two-dimensional dielectric and metallic photonic band gap structures: a FDTD study. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2001, 282, 85-91.	0.9	22
974	Iterative finite-difference method for calculating the distribution of a liquid-crystal director. <i>Optical Engineering</i> , 2001, 40, 2552.	0.5	21
975	A new finite-difference time-domain method for photonic crystals consisting of nearly-free-electron metals. <i>Journal of Physics A</i> , 2001, 34, 9713-9721.	1.6	14
976	An optimal design for reducing the "black center" for a copper-vapor laser by using a genetic algorithm. <i>Microwave and Optical Technology Letters</i> , 2000, 25, 113-119.	0.9	2
977	An explicit method for the analysis of guided waves in a line-defect channel in a photonic crystal. <i>Microwave and Optical Technology Letters</i> , 2000, 25, 236-240.	0.9	4
978	A genetic algorithm with an adaptive chromosome structure for reconstruction of radome parameters using a Gaussian beam. <i>Microwave and Optical Technology Letters</i> , 2000, 25, 323-327.	0.9	6
979	An explicit and efficient method for obtaining the radiation characteristics of wire antennas in metallic photonic bandgap structures. <i>Microwave and Optical Technology Letters</i> , 2000, 26, 67-73.	0.9	10
980	The influence of the dielectric-air interface on the radiation pattern of an antenna in a metallic photonic bandgap structure in a dielectric host medium. <i>Microwave and Optical Technology Letters</i> , 2000, 26, 367-371.	0.9	5
981	On the optimization of laser power, efficiency and impedance matching for a copper vapor laser. <i>Microwave and Optical Technology Letters</i> , 2000, 27, 339-343.	0.9	0
982	Guided modes in a two-dimensional metallic photonic crystal waveguide. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2000, 266, 425-429.	0.9	44
983	Magnetostatic image current and its application to an analytic identification of a current dipole inside a conducting sphere. <i>IEEE Transactions on Biomedical Engineering</i> , 2000, 47, 183-191.	2.5	5
984	Analysis of channel-dropping tunnelling processes in photonic crystals with multiple vertical multi-mode cavities. <i>Journal of Physics A</i> , 2000, 33, 7761-7771.	1.6	5
985	Some uniqueness theorems for mammography-related time-domain inverse problems for the diffusion equation. <i>Inverse Problems</i> , 2000, 16, 447-459.	1.0	6
986	An averaged-field approach for obtaining the band structure of a dielectric photonic crystal. <i>Journal of Physics Condensed Matter</i> , 2000, 12, 99-112.	0.7	2
987	An Explicit Method for Calculating the Reflection From an Anti-Reflection Structure Involving Array of C-Shaped Wire Elements. <i>Journal of Electromagnetic Waves and Applications</i> , 2000, 14, 1335-1352.	1.0	9
988	Numerical method for computing defect modes in two-dimensional photonic crystals with dielectric or metallic inclusions. <i>Physical Review B</i> , 2000, 61, 12871-12876.	1.1	106
989	An optimization approach to multi-dimensional time domain acoustic inverse problems. <i>Journal of the Acoustical Society of America</i> , 2000, 108, 1548-1556.	0.5	4
990	Optimal design of a two-dimensional photonic crystal of square lattice with a large complete two-dimensional bandgap. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2000, 17, 1027.	0.9	64

#	ARTICLE	IF	CITATIONS
991	Identification of a transient electric dipole over a conducting half space using a simulated annealing algorithm. <i>Journal of Geophysical Research</i> , 2000, 105, 20821-20831.	3.3	7
992	Reconstruction of lightning currents and return stroke model parameters using remote electromagnetic fields. <i>Journal of Geophysical Research</i> , 2000, 105, 24469-24481.	3.3	8
993	Dielectric properties of a thin film consisting of a few layers of molecules or particles. <i>Physical Review B</i> , 2000, 62, 13718-13730.	1.1	19
994	A nonorthogonal finite-difference time-domain method for computing the band structure of a two-dimensional photonic crystal with dielectric and metallic inclusions. <i>Journal of Applied Physics</i> , 2000, 87, 8268-8275.	1.1	108
995	Averaged Field Approach for Obtaining the Band Structure of a Photonic Crystal with Conducting Inclusions. <i>Journal of Electromagnetic Waves and Applications</i> , 2000, 14, 449-468.	1.0	8
996	Exact and explicit solution to a class of degaussing problems. <i>IEEE Transactions on Magnetics</i> , 2000, 36, 308-312.	1.2	16
997	Explicit full identification of a transient dipole source in the atmosphere from measurement of the electromagnetic fields at several points at ground level. <i>Radio Science</i> , 2000, 35, 107-117.	0.8	5
998	An optimization approach to two-dimensional time domain electromagnetic inverse problems. <i>Radio Science</i> , 2000, 35, 525-536.	0.8	58
999	Large complete band gap in two-dimensional photonic crystals with elliptic air holes. <i>Physical Review B</i> , 1999, 60, 10610-10612.	1.1	91
1000	Explicit formulas for crack identification in conductors using boundary measurements of direct current fields. <i>Journal of Applied Physics</i> , 1999, 85, 6822-6827.	1.1	2
1001	Rapidly convergent expansion method for calculating the effective conductivity of three-dimensional lattices of symmetric inclusions. <i>Journal of Applied Physics</i> , 1999, 86, 3773-3779.	1.1	5
1002	Electromagnetic direct and inverse problems for a surface-breaking crack in a conductor at a high frequency. <i>Journal of Applied Physics</i> , 1999, 86, 3997-4003.	1.1	5
1003	Effective Boundary Conditions for a 2d inhomogeneous Nonlinear Thin Layer Coated On a Metallic Surface - Abstract. <i>Journal of Electromagnetic Waves and Applications</i> , 1999, 13, 1375-1376.	1.0	3
1004	Wave-splitting and absorbing boundary condition for Maxwell's equations on a curved surface. <i>Mathematics and Computers in Simulation</i> , 1999, 50, 435-455.	2.4	9
1005	Identification of small flaws in conductors using magnetostatic measurements. <i>Mathematics and Computers in Simulation</i> , 1999, 50, 457-471.	2.4	4
1006	Layer-stripping and parameter reconstruction for a hyperbolic equation in a three-dimensional inhomogeneous half-space. <i>Mathematics and Computers in Simulation</i> , 1999, 50, 511-525.	2.4	0
1007	A wave-splitting based optimization approach to multi-dimensional time-domain electromagnetic inverse problems. <i>Mathematics and Computers in Simulation</i> , 1999, 50, 541-551.	2.4	9
1008	An fdtd approach to the time-domain inverse scattering problem for an inhomogeneous cylindrical object. <i>Microwave and Optical Technology Letters</i> , 1999, 20, 72-77.	0.9	25

#	ARTICLE	IF	CITATIONS
1009	Design of an automatic impedance-matching device. <i>Microwave and Optical Technology Letters</i> , 1999, 20, 236-240.	0.9	9
1010	Optimization of LC circuit parameters for obtaining maximum output of a copper vapor laser by a genetic algorithm. <i>Microwave and Optical Technology Letters</i> , 1999, 22, 343-348.	0.9	3
1011	Trace Formalism and Explicit Gradients for Parameter Reconstruction of a Stratified Bianisotropic Slab. <i>Journal of Electromagnetic Waves and Applications</i> , 1999, 13, 631-647.	1.0	2
1012	An on-surface radiation condition for Maxwell's equations in three dimensions. <i>Microwave and Optical Technology Letters</i> , 1998, 19, 59-63.	0.9	6
1013	Identification of dipole sources in a bounded domain for Maxwell's equations. <i>Wave Motion</i> , 1998, 28, 25-40.	1.0	50
1014	Frequency series expansion of an explicit solution for a dipole inside a conducting sphere at low frequency. <i>IEEE Transactions on Biomedical Engineering</i> , 1998, 45, 1249-1258.	2.5	11
1015	Effective impedance boundary conditions for an inhomogeneous thin layer on a curved metallic surface. <i>IEEE Transactions on Antennas and Propagation</i> , 1998, 46, 710-715.	3.1	18
1016	A General Propagation Matrix for a Two-Dimensional Inhomogeneous Thin Layer. <i>Journal of Electromagnetic Waves and Applications</i> , 1998, 12, 1053-1081.	1.0	4
1017	Electromagnetic Surface Waves for Some Artificial Bianisotropic Media. <i>Journal of Electromagnetic Waves and Applications</i> , 1998, 12, 449-466.	1.0	10
1018	Scattering From a Bi-Isotropic Object of Arbitrary Shape. <i>Journal of Electromagnetic Waves and Applications</i> , 1998, 12, 1547-1574.	1.0	7
1019	Three-dimensional electromagnetic inverse scattering for biisotropic dispersive media. <i>Journal of Mathematical Physics</i> , 1997, 38, 182-195.	0.5	1
1020	Reconstruction of the velocity and density in a stratified acoustic half-space using a short-pulse point source. <i>Journal of the Acoustical Society of America</i> , 1997, 102, 815-824.	0.5	2
1021	Wave-Splitting Approach To a Scattering Problem for a Laterally Periodic Inhomogeneous Structure. <i>Journal of Electromagnetic Waves and Applications</i> , 1997, 11, 633-644.	1.0	4
1022	On the Possibility of Reflectionless Coating of a Homogeneous Bianisotropic Layer on a Perfect Conductor. <i>Electromagnetics</i> , 1997, 17, 295-307.	0.3	19
1023	Explicit expressions of the reflection and transmission for two coupled identical exponential lines. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1997, 45, 695-698.	2.9	0
1024	Time domain direct and inverse problems for a nonuniform LCRG line with internal sources. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 1997, 39, 79-88.	1.4	7
1025	A closed-form formula for scattering coefficients for a lossy multilayered structure. <i>Microwave and Optical Technology Letters</i> , 1997, 14, 159-163.	0.9	0
1026	Calculation of the transient reflection from a two-port network with a nonlinear resistor load. <i>Microwave and Optical Technology Letters</i> , 1997, 15, 113-116.	0.9	0

#	ARTICLE	IF	CITATIONS
1027	Scattering for gratings at high frequencies with an on-surface radiation condition. Microwave and Optical Technology Letters, 1997, 16, 124-128.	0.9	0
1028	FDTD approach to time-domain inverse scattering problem for stratified lossy media. Microwave and Optical Technology Letters, 1997, 16, 292-296.	0.9	20
1029	An explicit time-domain solution for the reflection from a stratified acoustic half-space obtained by the boundary control method. Journal of the Acoustical Society of America, 1996, 99, 2714-2719.	0.5	0
1030	Time-domain wave splitting and propagation in dispersive media. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1996, 13, 2200.	0.8	14
1031	An optimization approach to time-domain electromagnetic inverse problem for a stratified dispersive and dissipative slab. IEEE Transactions on Antennas and Propagation, 1996, 44, 1277-1282.	3.1	36
1032	A uniform approximation to the scattering and propagation problem for a stratified Bi-anisotropic slab. Journal of Infrared, Millimeter and Terahertz Waves, 1996, 17, 415-431.	0.6	3
1033	A Comment on "Propagation of ultrawide-band electromagnetic pulses through dispersive media" [and reply]. IEEE Transactions on Electromagnetic Compatibility, 1996, 38, 202-205.	1.4	1
1034	An optimization approach to the frequency-domain inverse problem for a nonuniform LCRG transmission line. IEEE Transactions on Microwave Theory and Techniques, 1996, 44, 1503-1507.	2.9	39
1035	Optimal designs for nonuniform LCRG transmission lines. Journal of Electromagnetic Waves and Applications, 1996, 10, 1113-1127.	1.0	5
1036	An exact absorbing boundary condition and its application to three-dimensional scattering from thin dispersive structures. Journal of the Acoustical Society of America, 1996, 99, 1854-1861.	0.5	4
1037	An ill-posed problem of the continuation of transient data for a hyperbolic equation in a three-dimensional inhomogeneous half-space. Journal of Mathematical Physics, 1996, 37, 5776-5791.	0.5	2
1038	A time-domain optimization technique for the simultaneous reconstruction of the characteristic impedance, resistance and conductance of a transmission line. Journal of Electromagnetic Waves and Applications, 1996, 10, 581-601.	1.0	21
1039	Reconstruction of source distributions on a nonuniform LCRG line using an optimization approach. Journal of Electromagnetic Waves and Applications, 1996, 10, 405-422.	1.0	3
1040	Determination of the permittivity and conductivity in R^3 using wave splitting of Maxwell's equations. Journal of Mathematical Physics, 1995, 36, 1776-1789.	0.5	6
1041	An optimization approach to a three-dimensional acoustic inverse problem in the time domain. Journal of Mathematical Physics, 1995, 36, 4028-4043.	0.5	28
1042	Time-domain propagating modes in a finitely conducting half-space and calculation of the transient reflection. IEEE Transactions on Electromagnetic Compatibility, 1995, 37, 277-282.	1.4	14
1043	Reconstruction of the constitutive parameters for an $\hat{\epsilon}$ material in a rectangular waveguide. IEEE Transactions on Microwave Theory and Techniques, 1995, 43, 1315-1321.	2.9	22
1044	General scheme for electromagnetic reflection and transmission for composite structures of complex materials. IET Microwaves Antennas and Propagation, 1995, 142, 52.	1.2	16

#	ARTICLE	IF	CITATIONS
1045	Optimisation approach to the time-domain electromagnetic inverse problem for a bi-isotropic slab. IET Microwaves Antennas and Propagation, 1995, 142, 429.	1.2	2
1046	A useful fractional linear transformation for the riccati equation for reflection coefficients. Microwave and Optical Technology Letters, 1995, 8, 312-314.	0.9	6
1047	Reconstruction of depthâ€dependent flow in a moving halfâ€space using transient acoustic plane waves. Journal of the Acoustical Society of America, 1995, 98, 1778-1785.	0.5	0
1048	Time-domain eigenmodes of Maxwellâ€™s equations for inhomogeneous anisotropic media and reconstruction of the permittivity tensor using 3-D reflectivity. Journal of Inverse and Ill-Posed Problems, 1994, 2, .	0.5	1
1049	An inverse approach to an anisotropic wave equation in a stratified half-space. Journal of Inverse and Ill-Posed Problems, 1994, 2, .	0.5	0
1050	Closedâ€form solution for the transient reflected pressure for a point source above an acoustic halfâ€space with an exponentially stratified density. Journal of the Acoustical Society of America, 1994, 96, 2516-2525.	0.5	2
1051	Electromagnetic reflection and transmission for a dielectric-â€ interface and an â€ slab. Journal of Infrared, Millimeter and Terahertz Waves, 1994, 15, 1537-1554.	0.6	16
1052	Signal restoration after transmission through a nonuniform LCRG line. IEEE Transactions on Microwave Theory and Techniques, 1994, 42, 2087-2092.	2.9	8
1053	Electromagnetic reflection and transmission for a stratified bianisotropic slab. IEEE Transactions on Antennas and Propagation, 1994, 42, 856-858.	3.1	17
1054	Analysis of the Greenâ€™s function approach to oneâ€dimensional inverse problems. II. Simultaneous reconstruction of two parameters. Journal of Mathematical Physics, 1994, 35, 2315-2335.	0.5	7
1055	Time domain Green functions technique for a point source over a dissipative stratified half-space with a phase velocity mismatch at the surface. Wave Motion, 1993, 17, 241-254.	1.0	11
1056	Wave propagation through a dielectric-uniaxial bianisotropic interface and the computation of Brewster angles. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1993, 10, 2402.	0.8	10
1057	Electromagnetic scattering from a stratified bi-isotropic (nonreciprocal chiral) slab: numerical computations. IEEE Transactions on Antennas and Propagation, 1993, 41, 1057-1062.	3.1	34
1058	Propagating eigenmodes for plane waves in a uniaxial bianisotropic medium and reflection from a planar interface. IEEE Transactions on Antennas and Propagation, 1993, 41, 1659-1664.	3.1	15
1059	Frequency and Time Domain Green Function Technique for Nonuniform LCRG Transmission Lines with Frequency-Dependent Parameters. Journal of Electromagnetic Waves and Applications, 1993, 7, 31-48.	1.0	16
1060	Time domain Green function technique for a point source over a dissipative stratified halfâ€space. Radio Science, 1993, 28, 513-526.	0.8	22
1061	Wave splitting of the telegraph equation in R^3 and its application to inverse scattering. Inverse Problems, 1993, 9, 789-812.	1.0	82
1062	A â€ compact Green functionâ€™ approach to the timeâ€domain direct and inverse problems for a stratified dissipative slab. Journal of Mathematical Physics, 1993, 34, 4628-4645.	0.5	26

#	ARTICLE	IF	CITATIONS
1063	A Simplified Time-Domain Inverse Approach to Nonplanar Stratified Media. <i>Journal of Electromagnetic Waves and Applications</i> , 1993, 7, 495-512.	1.0	0
1064	Analysis of the Green's function approach to one-dimensional inverse problems. I. One parameter reconstruction. <i>Journal of Mathematical Physics</i> , 1993, 34, 5724-5746.	0.5	7
1065	Inverse problem for the dissipative wave equation in a stratified half-space and linearization of the imbedding equations. <i>Inverse Problems</i> , 1992, 8, 435-455.	1.0	30
1066	Factorization of a dissipative wave equation and the Green functions technique for axially symmetric fields in a stratified slab. <i>Journal of Mathematical Physics</i> , 1992, 33, 953-966.	0.5	32
1067	A time-harmonic Green's function technique and wave propagation in a stratified nonreciprocal chiral slab with multiple discontinuities. <i>Journal of Mathematical Physics</i> , 1992, 33, 4103-4110.	0.5	47
1068	The electromagnetic inverse problem in the time domain for a dissipative slab and a point source using invariant imbedding: reconstruction of the permittivity and conductivity. <i>Journal of Computational and Applied Mathematics</i> , 1992, 42, 137-155.	1.1	12
1069	The electromagnetic scattering problem in the time domain for a dissipative slab and a point source using invariant imbedding. <i>Journal of Mathematical Physics</i> , 1991, 32, 3529-3539.	0.5	38
1070	Abnormal guiding and filtering properties for some composite structures of right/left-handed metamaterials. , 0, , .		0
1071	Four-Wave Mixing in Silicon Nanowire Waveguides and Its Applications in Wavelength Conversion. , 0, , .		1
1072	Turnkey generation of Kerr soliton microcombs on thin-film lithium niobate on insulator microresonators powered by the photorefractive effect. <i>Optics Express</i> , 0, , .	1.7	5