

Shining Zhu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

248
papers

11,348
citations

45
h-index

104
g-index

273
ext. papers

14,280
ext. citations

7
avg, IF

6.59
L-index

#	Paper	IF	Citations
248	Single-frequency Brillouin lasing based on a birefringent fiber Fabry-Pérot cavity. <i>Applied Physics Letters</i> , 2022 , 120, 091102	3.4	1
247	Quasi-bound states in the continuum-based switchable light-field manipulator. <i>Optical Materials Express</i> , 2022 , 12, 1232	2.6	
246	Steerable chromatic dispersive metalenses in dual bands. <i>Journal Physics D: Applied Physics</i> , 2022 , 55, 255105	3	0
245	Large-area long-wave infrared broadband all-dielectric metasurface absorber based on maskless laser direct writing lithography.. <i>Optics Express</i> , 2022 , 30, 13391-13403	3.3	1
244	Highly sensitive refractive index sensor based on Bloch surface waves with lithium niobate film. <i>Applied Physics A: Materials Science and Processing</i> , 2022 , 128, 1	2.6	0
243	Ultra-compact snapshot spectral light-field imaging.. <i>Nature Communications</i> , 2022 , 13, 2732	17.4	5
242	High-harmonic generation in Weyl semimetal BWP crystals. <i>Nature Communications</i> , 2021 , 12, 6437	17.4	3
241	WSe ₂ /Pd Schottky diode combining van der Waals integrated and evaporated metal contacts. <i>Applied Physics Letters</i> , 2021 , 119, 213102	3.4	2
240	Midinfrared Tunable Laser with Noncritical Frequency Matching in Box Resonator Geometry. <i>Physical Review Letters</i> , 2021 , 127, 213902	7.4	0
239	Wavelength-dependent multifunctional metalens devices via genetic optimization. <i>Optical Materials Express</i> , 2021 , 11, 3908	2.6	2
238	Manipulating guided wave radiation with integrated geometric metasurface. <i>Nanophotonics</i> , 2021 ,	6.3	6
237	10 GHz regeneratively mode-locked thulium fiber laser with a stabilized repetition rate. <i>Optics Express</i> , 2021 , 29, 37695-37702	3.3	
236	Heterogeneously integrated, superconducting silicon-photonics platform for measurement-device-independent quantum key distribution. <i>Advanced Photonics</i> , 2021 , 3,	8.1	5
235	A compact and high efficiency intracavity OPO based on periodically poled lithium niobate. <i>Scientific Reports</i> , 2021 , 11, 5079	4.9	3
234	Nonlinear photonic crystals: from 2D to 3D. <i>Optica</i> , 2021 , 8, 372	8.6	11
233	Simulating the escape of entangled photons from the event horizon of black holes in nonuniform optical lattices. <i>Physical Review A</i> , 2021 , 103,	2.6	4
232	A scalable fish-school inspired self-assembled particle system for solar-powered water-solute separation. <i>National Science Review</i> , 2021 , 8, nwab065	10.8	10

231	Enhanced directional quantum emission by tunable topological doubly resonant cavities. <i>Optics Express</i> , 2021 , 29, 16727-16735	3.3	1
230	Integrating the optical tweezers and spanner onto an individual single-layer metasurface. <i>Photonics Research</i> , 2021 , 9, 1062	6	9
229	Gauge-Induced Floquet Topological States in Photonic Waveguides. <i>Laser and Photonics Reviews</i> , 2021 , 15, 2000584	8.3	3
228	Ultrabright Multiplexed Energy-Time-Entangled Photon Generation from Lithium Niobate on Insulator Chip. <i>Physical Review Applied</i> , 2021 , 15,	4.3	7
227	Observation of frequency-uncorrelated photon pairs generated by counter-propagating spontaneous parametric down-conversion. <i>Scientific Reports</i> , 2021 , 11, 12628	4.9	1
226	Generation and Tunability of Supermodes in Tamm Plasmon Topological Superlattices. <i>ACS Photonics</i> , 2021 , 8, 2095-2102	6.3	1
225	Narrow-linewidth single-polarization fiber laser using non-polarization optics. <i>Optics Letters</i> , 2021 , 46, 3769-3772	3	4
224	Derivative method for dual-wavelength three-frame phase-shifting interferometry. <i>Optik</i> , 2021 , 226, 165953	2.5	2
223	Highly Efficient Metasurface Quarter-Wave Plate with Wave Front Engineering. <i>Advanced Photonics Research</i> , 2021 , 2, 2000154	1.9	7
222	Generation and Conversion Dynamics of Dual Bessel Beams with a Photonic Spin-Dependent Dielectric Metasurface. <i>Physical Review Applied</i> , 2021 , 15,	4.3	13
221	Optical-Relayed Entanglement Distribution Using Drones as Mobile Nodes. <i>Physical Review Letters</i> , 2021 , 126, 020503	7.4	20
220	Waveguide Superlattice-Based Optical Phased Array. <i>Physical Review Applied</i> , 2021 , 15,	4.3	7
219	Quantum photonics based on metasurfaces. <i>Opto-Electronic Advances</i> , 2021 , 4, 200092-200092	6.5	13
218	Metasurfaces with Planar Chiral Meta-Atoms for Spin Light Manipulation. <i>Nano Letters</i> , 2021 , 21, 1815-1821	8.5	14
217	Narrow-linewidth self-injection locked diode laser with a high-Q fiber Fabry-Perot resonator. <i>Optics Letters</i> , 2021 , 46, 1397-1400	3	1
216	Quasi-phase-matching-division multiplexing holography in a three-dimensional nonlinear photonic crystal. <i>Light: Science and Applications</i> , 2021 , 10, 146	16.7	8
215	Probing Rotated Weyl Physics on Nonlinear Lithium Niobate-on-Insulator Chips. <i>Physical Review Letters</i> , 2021 , 127, 013901	7.4	2
214	Electrically Switchable and Flexible Color Displays Based on All-Dielectric Nanogratings. <i>ACS Applied Nano Materials</i> , 2021 , 4, 7182-7190	5.6	2

213	Double-bowl state in photonic Dirac nodal line semimetal. <i>Light: Science and Applications</i> , 2021 , 10, 170	16.7	1
212	Observation of the acceleration of light in a tapered optical fiber. <i>Optics Express</i> , 2021 , 29, 27212-27218	3.3	2
211	Probing mid-infrared surface interface states based on thermal emission. <i>Optics Express</i> , 2021 , 29, 35216-35225	3.3	2
210	Narrowband photonic quantum entanglement with counterpropagating domain engineering. <i>Photonics Research</i> , 2021 , 9, 1998	6	0
209	Conformal Landscape of a Two-Dimensional Gradient Refractive-Index Profile for Geometrical Optics. <i>Physical Review Applied</i> , 2020 , 13,	4.3	5
208	Periodically poled LiNbO3 crystals from 1D and 2D to 3D. <i>Science China Technological Sciences</i> , 2020 , 63, 1110-1126	3.5	10
207	Stable, high-performance sodium-based plasmonic devices in the near infrared. <i>Nature</i> , 2020 , 581, 401-405	45.4	53
206	Quantum simulation of particle pair creation near the event horizon. <i>National Science Review</i> , 2020 , 7, 1476-1484	10.8	5
205	Optimizing the efficiency of a periodically poled LNOI waveguide using in situ monitoring of the ferroelectric domains. <i>Applied Physics Letters</i> , 2020 , 116, 101104	3.4	35
204	Plasmon-Assisted Broadband All-Optical Control of Highly Intense Femtosecond Laser by Weak Continuous-Wave Laser. <i>Advanced Optical Materials</i> , 2020 , 8, 2000560	8.1	1
203	Metals-array-based high-dimensional and multiphoton quantum source. <i>Science</i> , 2020 , 368, 1487-1490	33.3	89
202	Silver Nano-Dendrite-Plated Porous Silicon Substrates Formed by Single-Step Electrochemical Synthesis for Surface-Enhanced Raman Scattering. <i>ACS Applied Nano Materials</i> , 2020 , 3, 3011-3018	5.6	12
201	Cavity-enhanced metallic metalens with improved Efficiency. <i>Scientific Reports</i> , 2020 , 10, 417	4.9	3
200	Angle-Resolved Thermal Emission Spectroscopy Characterization of Non-Hermitian Metacrystals. <i>Physical Review Applied</i> , 2020 , 13,	4.3	7
199	Drone-based entanglement distribution towards mobile quantum networks. <i>National Science Review</i> , 2020 , 7, 921-928	10.8	23
198	Robust and Broadband Optical Coupling by Topological Waveguide Arrays. <i>Laser and Photonics Reviews</i> , 2020 , 14, 1900193	8.3	16
197	Over 10 kg m ⁻² h ⁻¹ Evaporation Rate Enabled by a 3D Interconnected Porous Carbon Foam. <i>Joule</i> , 2020 , 4, 928-937	27.8	131
196	Three-dimensional entanglement on a silicon chip. <i>Npj Quantum Information</i> , 2020 , 6,	8.6	21

195	Nonlinear Beam Shaping in Domain Engineered Ferroelectric Crystals. <i>Advanced Materials</i> , 2020 , 32, e1903775	17
194	Subwavelength self-imaging in cascaded waveguide arrays. <i>Advanced Photonics</i> , 2020 , 2, 1	8.1 3
193	Metalens-integrated compact imaging devices for wide-field microscopy. <i>Advanced Photonics</i> , 2020 , 2,	8.1 11
192	Exceptional cones in 4D parameter space. <i>Optics Express</i> , 2020 , 28, 1758-1770	3.3 9
191	Second-harmonic generation and manipulation in lithium niobate slab waveguides by grating metasurfaces. <i>Photonics Research</i> , 2020 , 8, 1296	6 17
190	Mimicking an expanding universe by optical interference in a helicoid waveguide. <i>Optics Express</i> , 2020 , 28, 11406-11414	3.3 1
189	Simulating quantum field theory in curved spacetime with quantum many-body systems. <i>Physical Review Research</i> , 2020 , 2,	3.9 4
188	Experimental nanofocusing of surface plasmon polaritons using a gravitational field. <i>Nanophotonics</i> , 2020 , 9, 3279-3285	6.3 1
187	Laguerre-Gaussian transform for rotating image processing. <i>Optics Express</i> , 2020 , 28, 26898-26907	3.3 2
186	Synergistic Tandem Solar Electricity-Water Generators. <i>Joule</i> , 2020 , 4, 347-358	27.8 40
185	All-Fiber Hyperparametric Generation Based on a Monolithic Fiber Fabry-Pérot Microresonator. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7024	2.6
184	Phase-Matching Controlled Orbital Angular Momentum Conversion in Periodically Poled Crystals. <i>Physical Review Letters</i> , 2020 , 125, 143901	7.4 10
183	Photonic Flywheel in a Monolithic Fiber Resonator. <i>Physical Review Letters</i> , 2020 , 125, 143902	7.4 15
182	Multichannel nonlinear holography in a two-dimensional nonlinear photonic crystal. <i>Physical Review A</i> , 2020 , 102,	2.6 7
181	Electrically controllable laser frequency combs in graphene-fibre microresonators. <i>Light: Science and Applications</i> , 2020 , 9, 185	16.7 14
180	Realization of photonic charge-2 Dirac point by engineering super-modes in topological superlattices. <i>Communications Physics</i> , 2020 , 3,	5.4 5
179	Quantum teleportation mediated by surface plasmon polariton. <i>Scientific Reports</i> , 2020 , 10, 11503	4.9 2
178	Towards the standardization of quantum state verification using optimal strategies. <i>Npj Quantum Information</i> , 2020 , 6,	8.6 7

177	Experimental Parity-Time Symmetric Quantum Walks for Centrality Ranking on Directed Graphs. <i>Physical Review Letters</i> , 2020 , 125, 240501	7.4	6
176	Chromatic Dispersion Manipulation Based on Metalenses. <i>Advanced Materials</i> , 2020 , 32, e1904935	24	16
175	Quantum waveparticle superposition in a delayed-choice experiment. <i>Nature Photonics</i> , 2019 , 13, 872-877	33.9	10
174	Efficient nonlinear beam shaping in three-dimensional lithium niobate nonlinear photonic crystals. <i>Nature Communications</i> , 2019 , 10, 4193	17.4	56
173	Controlling Thermal Emission by Parity-Symmetric Fano Resonance of Optical Absorbers in Metasurfaces. <i>ACS Photonics</i> , 2019 , 6, 2671-2676	6.3	14
172	Achromatic metalens array for full-colour light-field imaging. <i>Nature Nanotechnology</i> , 2019 , 14, 227-231	28.7	219
171	On-chip engineering of high-dimensional path-entangled states in a quadratic coupled-waveguide system. <i>Physical Review A</i> , 2019 , 99,	2.6	3
170	Observation of Anomalous Γ Modes in Photonic Floquet Engineering. <i>Physical Review Letters</i> , 2019 , 122, 173901	7.4	39
169	The revival of thermal utilization from the Sun: interfacial solar vapor generation. <i>National Science Review</i> , 2019 , 6, 562-578	10.8	134
168	Nanotube mode-locked, wavelength and pulsewidth tunable thulium fiber laser. <i>Optics Express</i> , 2019 , 27, 3518-3527	3.3	17
167	Conformal Singularities and Topological Defects from Inverse Transformation Optics. <i>Physical Review Applied</i> , 2019 , 11,	4.3	8
166	Dirac semimetal saturable absorber with actively tunable modulation depth. <i>Optics Letters</i> , 2019 , 44, 582-585	3	22
165	A water lily-inspired hierarchical design for stable and efficient solar evaporation of high-salinity brine. <i>Science Advances</i> , 2019 , 5, eaaw7013	14.3	182
164	Breakup and Recovery of Topological Zero Modes in Finite Non-Hermitian Optical Lattices. <i>Physical Review Letters</i> , 2019 , 123, 165701	7.4	41
163	Spectral tomographic imaging with aplanatic metalens. <i>Light: Science and Applications</i> , 2019 , 8, 99	16.7	53
162	Compact generation of a two-photon multipath Dicke state from a single Γ nonlinear photonic crystal. <i>Optics Letters</i> , 2019 , 44, 239-242	3	2
161	Slowing down photocarrier relaxation in Dirac semimetal CdAs via Mn doping. <i>Optics Letters</i> , 2019 , 44, 4103-4106	3	13
160	Compact polarization-entangled photon-pair source based on a dual-periodically-poled Ti:LiNbO ₃ waveguide. <i>Optics Letters</i> , 2019 , 44, 5598-5601	3	9

159	Light rays and waves on geodesic lenses. <i>Photonics Research</i> , 2019 , 7, 1266	6	12
158	Two-Dimensional Hole-Array Grating-Coupling-Based Excitation of Bloch Surface Waves for Highly Sensitive Biosensing. <i>Nanoscale Research Letters</i> , 2019 , 14, 319	5	10
157	Low-threshold Sheet Optical Parametric Oscillator by Triply-resonant Cavity Phase Matching. <i>Scientific Reports</i> , 2019 , 9, 19269	4.9	
156	Synthesis of WTe alloy through chemical vapor transport and its high-performance saturable absorption. <i>Scientific Reports</i> , 2019 , 9, 19457	4.9	2
155	Self-Injection Locking of a Distributed Feedback Laser Diode Using a High-Finesse Fabry-Perot Microcavity. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 4616	2.6	0
154	Generating Controllable Laguerre-Gaussian Laser Modes Through Intracavity Spin-Orbital Angular Momentum Conversion of Light. <i>Physical Review Applied</i> , 2019 , 11,	4.3	25
153	Manipulation of tripartite frequency correlation under extended phase matchings. <i>Physical Review A</i> , 2018 , 97,	2.6	6
152	A broadband achromatic metalens in the visible. <i>Nature Nanotechnology</i> , 2018 , 13, 227-232	28.7	723
151	Flexible and Salt Resistant Janus Absorbers by Electrospinning for Stable and Efficient Solar Desalination. <i>Advanced Energy Materials</i> , 2018 , 8, 1702884	21.8	423
150	Enhancement of Interfacial Solar Vapor Generation by Environmental Energy. <i>Joule</i> , 2018 , 2, 1331-1338	27.8	301
149	Broadband photocarrier dynamics and nonlinear absorption of PLD-grown WTe ₂ semimetal films. <i>Applied Physics Letters</i> , 2018 , 112, 171112	3.4	25
148	Metamaterials: artificial materials beyond nature. <i>National Science Review</i> , 2018 , 5, 131-131	10.8	22
147	Three-dimensional artificial transpiration for efficient solar waste-water treatment. <i>National Science Review</i> , 2018 , 5, 70-77	10.8	275
146	Nonlinear Cherenkov radiations modulated by mode dispersion in a Ti in-diffused LiNbO ₃ planar waveguide. <i>Optics Express</i> , 2018 , 26, 2006-2012	3.3	1
145	Simulation of massless Dirac dynamics in plasmonic waveguide arrays. <i>Optics Express</i> , 2018 , 26, 13416-13424	3.4	9
144	Control the orbital angular momentum in third-harmonic generation using quasi-phase-matching. <i>Optics Express</i> , 2018 , 26, 17563-17570	3.3	9
143	Experimental demonstration of a three-dimensional lithium niobate nonlinear photonic crystal. <i>Nature Photonics</i> , 2018 , 12, 596-600	33.9	117
142	Controlling Surface Plasmons Through Covariant Transformation of the Spin-Dependent Geometric Phase Between Curved Metamaterials. <i>Physical Review Letters</i> , 2018 , 120, 243901	7.4	22

141	20 GHz actively mode-locked thulium fiber laser. <i>Optics Express</i> , 2018 , 26, 25769-25777	3.3	7
140	Tuning Transpiration by Interfacial Solar Absorber-Leaf Engineering. <i>Advanced Science</i> , 2018 , 5, 1700497	13.6	57
139	Pseudo-magnetic-field and effective spin-orbit interaction for a spin-1/2 particle confined to a curved surface. <i>Physical Review A</i> , 2018 , 98,	2.6	9
138	Storage and Recycling of Interfacial Solar Steam Enthalpy. <i>Joule</i> , 2018 , 2, 2477-2484	27.8	129
137	Ultrafast fabrication of high-aspect-ratio macropores in P-type silicon: toward the mass production of microdevices. <i>Materials Research Letters</i> , 2018 , 6, 648-654	7.4	8
136	Interfacial Solar Steam Generation Enables Fast-Responsive, Energy-Efficient, and Low-Cost Off-Grid Sterilization. <i>Advanced Materials</i> , 2018 , 30, e1805159	24	146
135	Hybrid Solar Absorber-Emitter by Coherence-Enhanced Absorption for Improved Solar Thermophotovoltaic Conversion. <i>Advanced Optical Materials</i> , 2018 , 6, 1800813	8.1	22
134	In operando plasmonic monitoring of electrochemical evolution of lithium metal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 11168-11173	11.5	16
133	Definite photon deflections of topological defects in metasurfaces and symmetry-breaking phase transitions with material loss. <i>Nature Communications</i> , 2018 , 9, 4271	17.4	34
132	On-Chip Detection of Orbital Angular Momentum Beam by Plasmonic Nanogratings. <i>Laser and Photonics Reviews</i> , 2018 , 12, 1700331	8.3	31
131	Dual functional asymmetric plasmonic structures for solar water purification and pollution detection. <i>Nano Energy</i> , 2018 , 51, 451-456	17.1	108
130	Reply to QThe merits of plasmonic desalinationQ. <i>Nature Photonics</i> , 2017 , 11, 70-71	33.9	4
129	Conical third-harmonic generation in a hexagonally poled LiTaO3 crystal. <i>Applied Physics Letters</i> , 2017 , 110, 111105	3.4	6
128	Mushrooms as Efficient Solar Steam-Generation Devices. <i>Advanced Materials</i> , 2017 , 29, 1606762	24	654
127	2- μm Repetition-Rate Tunable (18 GHz) Picosecond Source. <i>IEEE Photonics Technology Letters</i> , 2017 , 29, 2234-2237	2.2	3
126	Self-Focusing and the Talbot Effect in Conformal Transformation Optics. <i>Physical Review Letters</i> , 2017 , 119, 033902	7.4	49
125	Two-dimensional topological photonic systems. <i>Progress in Quantum Electronics</i> , 2017 , 55, 52-73	9.1	48
124	Broadband achromatic optical metasurface devices. <i>Nature Communications</i> , 2017 , 8, 187	17.4	461

123	Optical Interface States Protected by Synthetic Weyl Points. <i>Physical Review X</i> , 2017 , 7,	9.1	41
122	Multiplexed Holograms by Surface Plasmon Propagation and Polarized Scattering. <i>Nano Letters</i> , 2017 , 17, 5051-5055	11.5	25
121	Tailoring Graphene Oxide-Based Aerogels for Efficient Solar Steam Generation under One Sun. <i>Advanced Materials</i> , 2017 , 29, 1604031	24	537
120	Graphene-based plasmonic modulator on a groove-structured metasurface. <i>Optics Letters</i> , 2017 , 42, 2247-2250	3	33
119	Tunable third harmonic generation of vortex beams in an optical superlattice. <i>Optics Express</i> , 2017 , 25, 30820-30826	3.3	9
118	Graphene oxide-based efficient and scalable solar desalination under one sun with a confined 2D water path. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 13953-13958	11.5	724
117	Measurement of the Zak phase of photonic bands through the interface states of a metasurface/photonic crystal. <i>Physical Review B</i> , 2016 , 93,	3.3	54
116	Photonic EPR State from Quadratic Waveguide Array with Alternating Positive and Negative Couplings. <i>Communications in Theoretical Physics</i> , 2016 , 65, 219-224	2.4	0
115	Omnidirectional optical attractor in structured gap-surface plasmon waveguide. <i>Scientific Reports</i> , 2016 , 6, 23514	4.9	2
114	Wavefront shaping through emulated curved space in waveguide settings. <i>Nature Communications</i> , 2016 , 7, 10747	17.4	43
113	Resolution of ghost imaging with entangled photons for different types of momentum correlation. <i>Science China: Physics, Mechanics and Astronomy</i> , 2016 , 59, 1	3.6	4
112	Stable Gain-Switched Thulium Fiber Laser With 140-nm Tuning Range. <i>IEEE Photonics Technology Letters</i> , 2016 , 28, 1340-1343	2.2	13
111	3D self-assembly of aluminium nanoparticles for plasmon-enhanced solar desalination. <i>Nature Photonics</i> , 2016 , 10, 393-398	33.9	1238
110	Flexible coherent control of plasmonic spin-Hall effect. <i>Nature Communications</i> , 2015 , 6, 8360	17.4	106
109	Optical beam and its operation in low dimensional space. <i>Optics Express</i> , 2015 , 23, 7288-99	3.3	
108	Active control of electromagnetic radiation through an enhanced thermo-optic effect. <i>Scientific Reports</i> , 2015 , 5, 8835	4.9	7
107	Plasmonic polarization generator in well-routed beaming. <i>Light: Science and Applications</i> , 2015 , 4, e330-e339	3.9	58
106	Topologically protected interface mode in plasmonic waveguide arrays. <i>Laser and Photonics Reviews</i> , 2015 , 9, 392-398	8.3	59

105	Theoretical Analysis of Spectral Correlations Between Photon Pairs Generated in Nanoscale Silicon Waveguides. <i>Communications in Theoretical Physics</i> , 2015 , 64, 735-740	2.4	1
104	Novel ferroelectric tunnel junctions for nonvolatile memories. <i>National Science Review</i> , 2014 , 1, 167-168	10.8	5
103	Plasmonic switch based on composite interference in metallic strip waveguides. <i>Laser and Photonics Reviews</i> , 2014 , 8, L47-L51	8.3	12
102	Coupled magnetic resonator optical waveguides. <i>Laser and Photonics Reviews</i> , 2013 , 7, 882-900	8.3	10
101	Excitation of coherent plasmon modes in a polymer structure with side resonators. <i>Science China Information Sciences</i> , 2013 , 56, 1-6	3.4	
100	Sodium guide star laser generation by single-pass frequency doubling in a periodically poled near-stoichiometric LiTaO ₃ crystal. <i>Science China Technological Sciences</i> , 2013 , 56, 125-128	3.5	3
99	Achromatic Waveplates for Liquid Crystal Displays. <i>Journal of Display Technology</i> , 2013 , 9, 586-591		
98	Compact generation of polarization-frequency hyperentangled photon pairs by using quasi-phase-matched lithium niobate. <i>Optics Communications</i> , 2012 , 285, 5549-5553	2	4
97	Broad band focusing and demultiplexing of in-plane propagating surface plasmons. <i>Nano Letters</i> , 2011 , 11, 4357-61	11.5	72
96	Accumulating microparticles and direct-writing micropatterns using a continuous-wave laser-induced vapor bubble. <i>Lab on A Chip</i> , 2011 , 11, 3816-20	7.2	71
95	Nonlinear generation of a neat semi-Gaussian laser beam with a transversely varying periodically-poled LiTaO ₃ crystal. <i>Optics Express</i> , 2011 , 19, 5297-302	3.3	6
94	Cerenkov third-harmonic generation via cascaded (2) processes in a periodic-poled LiTaO ₃ waveguide. <i>Optics Letters</i> , 2011 , 36, 1227-9	3	18
93	Analysis of the random disturbance in transmission intensity for Lippich prisms. <i>Optik</i> , 2011 , 122, 1615-1618	1.8	1
92	Fast roll-off and sensitivity of a transparency window with dual magnetic resonant modes from a split double-ring metamaterial. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2011 , 375, 1148-1151	2.3	2
91	Compact source of narrow-band counterpropagating polarization-entangled photon pairs using a single dual-periodically-poled crystal. <i>Physical Review A</i> , 2011 , 84,	2.6	28
90	Quantum Secure Direct Communication by Using Three-Dimensional Hyperentanglement. <i>Communications in Theoretical Physics</i> , 2011 , 56, 831-836	2.4	43
89	Linear optical quantum computation with imperfect entangled photon-pair sources and inefficient nonphoton-number-resolving detectors. <i>Physical Review A</i> , 2010 , 81,	2.6	10
88	The gain effect in a magnetic plasmon waveguide. <i>Applied Physics Letters</i> , 2010 , 96, 113103	3.4	6

87	Mode-coupling Cerenkov sum-frequency-generation in a multimode planar waveguide. <i>Applied Physics Letters</i> , 2010 , 97, 161112	3.4	8
86	Acoustic surface evanescent wave and its dominant contribution to extraordinary acoustic transmission and collimation of sound. <i>Physical Review Letters</i> , 2010 , 104, 164301	7.4	114
85	Enhanced sensing performance by the plasmonic analog of electromagnetically induced transparency in active metamaterials. <i>Applied Physics Letters</i> , 2010 , 97, 114101	3.4	185
84	Surface plasmon coupling enhanced dielectric environment sensitivity in a quasi-three-dimensional metallic nanohole array. <i>Optics Express</i> , 2010 , 18, 3546-55	3.3	40
83	Plasmonically induced transparent magnetic resonance in a metallic metamaterial composed of asymmetric double bars. <i>Optics Express</i> , 2010 , 18, 18229-34	3.3	117
82	Role of asymmetric environment on the dark mode excitation in metamaterial analogue of electromagnetically-induced transparency. <i>Optics Express</i> , 2010 , 18, 22412-7	3.3	49
81	Hybridization effect in coupled metamaterials. <i>Frontiers of Physics in China</i> , 2010 , 5, 277-290		10
80	Hybridization influence on the plasmon-mediated lasing effect in active metamaterials. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2010 , 374, 4279-4282	2.3	
79	Stereometamaterials. <i>Nature Photonics</i> , 2009 , 3, 157-162	33.9	569
78	Magnetoresistance of 3d transition metal single-doped and co-doped epitaxial ZnO thin films. <i>Physica B: Condensed Matter</i> , 2009 , 404, 1112-1115	2.8	4
77	Resonance amplification of left-handed transmission at optical frequencies by stimulated emission of radiation in active metamaterials. <i>Optics Express</i> , 2008 , 16, 20974-80	3.3	22
76	Ferromagnetism in Mn and Sb co-doped ZnO films. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 425207.8		9
75	Periodic Ferroelectric Domain Structures Characterization by Scanning Near Field Optical Microscopy. <i>Ferroelectrics</i> , 2008 , 363, 187-198	0.6	2
74	Lamellar model of the left-handed metamaterials composed of metallic split-ring resonators and wires. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008 , 372, 4667-4670	2.3	0
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