Qinghai Song

List of Publications by Citations

177 papers	4,707 citations	37 h-index	59 g-index
220 ext. papers	6,116 ext. citations	7.5 avg, IF	6.08 L-index

#	Paper	IF	Citations
177	All-Dielectric Full-Color Printing with TiO Metasurfaces. *ACS Nano*, **2017**, 11, 4445-4452	16.7	250
176	Ultrafast control of vortex microlasers. *Science*, **2020**, 367, 1018-1021	33.3	210
175	All-dielectric metasurface for high-performance structural color. *Nature Communications*, **2020**, 11, 1864	17.4	128
174	Random lasing in bone tissue. *Optics Letters*, **2010**, 35, 1425-7	3	123
173	Two-Photon Pumped CH3NH3PbBr3 Perovskite Microwire Lasers. *Advanced Optical Materials*, **2016**, 4, 472-479	8.1	122
172	Microfiber knot dye laser based on the evanescent-wave-coupled gain. *Applied Physics Letters*, **2007**, 90, 233501	3.4	119
171	Recent Advances in Perovskite Micro- and Nanolasers. *Advanced Optical Materials*, **2018**, 6, 1800278	8.1	112
170	Real-Time Tunable Colors from Microfluidic Reconfigurable All-Dielectric Metasurfaces. *ACS Nano*, **2018**, 12, 2151-2159	16.7	103
169	Highly Reproducible Organometallic Halide Perovskite Microdevices based on Top-Down Lithography. *Advanced Materials*, **2017**, 29, 1606205	24	100
168	Lead Halide Perovskite Nanostructures for Dynamic Color Display. *ACS Nano*, **2018**, 12, 8847-8854	16.7	99
167	Unidirectional Lasing Emissions from CH3NH3PbBr3 Perovskite Microdisks. *ACS Photonics*, **2016**, 3, 1125-1130	6.1	82
166	Arbitrarily routed mode-division multiplexed photonic circuits for dense integration. *Nature Communications*, **2019**, 10, 3263	17.4	81
165	Integrated photonic power divider with arbitrary power ratios. *Optics Letters*, **2017**, 42, 855-858	3	79
164	All-optical control of lead halide perovskite microlasers. *Nature Communications*, **2019**, 10, 1770	17.4	77
163	Channeling chaotic rays into waveguides for efficient collection of microcavity emission. *Physical Review Letters*, **2012**, 108, 243902	7.4	76
162	Chaotic microcavity laser with high quality factor and unidirectional output. *Physical Review A*, **2009**, 80,	2.6	73
161	A conductivity-based selective etching for next generation GaN devices. *Physica Status Solidi (B): Basic Research*, **2010**, 247, 1713-1716	1.3	68

160	Nonlinear Holographic All-Dielectric Metasurfaces. *Nano Letters*, **2018**, 18, 8054-8061	11.5	65
159	Formation of Lead Halide Perovskite Based Plasmonic Nanolasers and Nanolaser Arrays by Tailoring the Substrate. *ACS Nano*, **2018**, 12, 3865-3874	16.7	61
158	Reprogrammable meta-hologram for optical encryption. *Nature Communications*, **2020**, 11, 5484	17.4	60
157	Resonance-enhanced three-photon luminesce via lead halide perovskite metasurfaces for optical encoding. *Nature Communications*, **2019**, 10, 2085	17.4	55
156	Solution-Phase Synthesis of Cesium Lead Halide Perovskite Microrods for High-Quality Microlasers and Photodetectors. *Advanced Optical Materials*, **2017**, 5, 1700023	8.1	53
155	Surface-Emitting Perovskite Random Lasers for Speckle-Free Imaging. *ACS Nano*, **2019**, 13, 10653-10661	16.7	49
154	Unidirectional high intensity narrow-linewidth lasing from a planar random microcavity laser. *Physical Review Letters*, **2006**, 96, 033902	7.4	49
153	Tailoring the Performances of Lead Halide Perovskite Devices with Electron-Beam Irradiation. *Advanced Materials*, **2017**, 29, 1701636	24	48
152	Chip-Scale Fabrication of Uniform Lead Halide Perovskites Microlaser Array and Photodetector Array. *Laser and Photonics Reviews*, **2018**, 12, 1700234	8.3	48
151	Experimental demonstration of PT-symmetric stripe lasers. *Laser and Photonics Reviews*, **2016**, 10, 588-594	8.3	47
150	Stretchable All-Dielectric Metasurfaces with Polarization-Insensitive and Full-Spectrum Response. *ACS Nano*, **2020**, 14, 1418-1426	16.7	47
149	High-Density and Uniform Lead Halide Perovskite Nanolaser Array on Silicon. *Journal of Physical Chemistry Letters*, **2016**, 7, 2549-55	6.4	46
148	Random laser spectroscopy for nanoscale perturbation sensing. *Optics Letters*, **2010**, 35, 2624-6	3	46
147	Formation of single-mode laser in transverse plane of perovskite microwire via micromanipulation. *Optics Letters*, **2016**, 41, 555-8	3	44
146	Far-field single nanoparticle detection and sizing. *Optica*, **2017**, 4, 1151	8.6	44
145	TiO metasurfaces: From visible planar photonics to photochemistry. *Science Advances*, **2019**, 5, eaax0939	14.3	42
144	Electrical tunable random laser emission from a liquid-crystal infiltrated disordered planar microcavity. *Optics Letters*, **2009**, 34, 298-300	3	42
143	Breakup and Recovery of Topological Zero Modes in Finite Non-Hermitian Optical Lattices. *Physical Review Letters*, **2019**, 123, 165701	7.4	41

142	Detection of nanoscale structural changes in bone using random lasers. *Biomedical Optics Express*, **2010**, 1, 1401-1407	3.5	38
141	Room temperature three-photon pumped CHNHPbBr perovskite microlasers. *Scientific Reports*, **2017**, 7, 45391	4.9	37
140	Local chirality of optical resonances in ultrasmall resonators. *Physical Review Letters*, **2012**, 108, 253902	7.4	37
139	A hybrid system with highly enhanced graphene SERS for rapid and tag-free tumor cells detection. *Scientific Reports*, **2016**, 6, 25134	4.9	37
138	Lead Halide Perovskite Based Microdisk Lasers for On-Chip Integrated Photonic Circuits. *Advanced Optical Materials*, **2018**, 6, 1701266	8.1	36
137	On-Chip Spiral Waveguides for Ultrasensitive and Rapid Detection of Nanoscale Objects. *Advanced Materials*, **2018**, 30, e1800262	24	36
136	Liquid-crystal-based tunable high-Q directional random laser from a planar random microcavity. *Optics Letters*, **2007**, 32, 373-5	3	36
135	Very sharp adiabatic bends based on an inverse design. *Optics Letters*, **2018**, 43, 2482-2485	3	35
134	Random laser emission from a surface-corrugated waveguide. *Physical Review B*, **2005**, 72,	3.3	33
133	Micro- and Nanostructured Lead Halide Perovskites: From Materials to Integrations and Devices. *Advanced Materials*, **2021**, 33, e2000306	24	33
132	Lead Halide Perovskite-Based Dynamic Metasurfaces. *Laser and Photonics Reviews*, **2019**, 13, 1900079	8.3	30
131	Postsynthetic and Selective Control of Lead Halide Perovskite Microlasers. *Journal of Physical Chemistry Letters*, **2016**, 7, 3886-3891	6.4	30
130	Formation of long-lived resonances in hexagonal cavities by strong coupling of superscar modes. *Physical Review A*, **2013**, 88,	2.6	30
129	Lead halide perovskite vortex microlasers. *Nature Communications*, **2020**, 11, 4862	17.4	30
128	Dark-Field Sensors based on Organometallic Halide Perovskite Microlasers. *Advanced Materials*, **2018**, 30, e1801481	24	29
127	Tunable perovskite microdisk lasers. *Nanoscale*, **2016**, 8, 8717-21	7.7	28
126	End-fire injection of light into high-Q silicon microdisks. *Optica*, **2018**, 5, 612	8.6	28
125	Extreme output sensitivity to subwavelength boundary deformation in microcavities. *Physical Review A*, **2013**, 87,	2.6	28

124	Lasing Action in Dye Doped Polymer Nanofiber Knot Resonator. *Journal of Lightwave Technology*, **2009**, 27, 4374-4376	4	28
123	Random lasing actions in self-assembled perovskite nanoparticles. *Optical Engineering*, **2016**, 55, 057102	1.1	27
122	Single Nanoparticle Detection Using Far-field Emission of Photonic Molecule around the Exceptional Point. *Scientific Reports*, **2015**, 5, 11912	4.9	27
121	Giant blueshifts of excitonic resonances in two-dimensional lead halide perovskite. *Nano Energy*, **2017**, 41, 320-326	17.1	26
120	Whispering-gallery-mode based CH3NH3PbBr3 perovskite microrod lasers with high quality factors. *Materials Chemistry Frontiers*, **2017**, 1, 477-481	7.8	26
119	Design of a barcode-like waveguide nanostructure for efficient chip□fiber coupling. *Photonics Research*, **2016**, 4, 209	6	26
118	Photon hopping and nanowire based hybrid plasmonic waveguide and ring-resonator. *Scientific Reports*, **2015**, 5,	4.9	25
117	Broadband and Tunable-Focus Flat Lens with Dielectric Metasurface. *Plasmonics*, **2016**, 11, 537-541	2.4	24
116	$2-mu$ m Wavelength Grating Coupler, Bent Waveguide, and Tunable Microring on Silicon Photonic MPW. *IEEE Photonics Technology Letters*, **2018**, 30, 471-474	2.2	23
115	Inversed Vernier effect based single-mode laser emission in coupled microdisks. *Scientific Reports*, **2015**, 5, 13682	4.9	23
114	Multidimensional phase singularities in nanophotonics. *Science*, **2021**, 374, eabj0039	33.3	23
113	Lead Halide Perovskite Nanoribbon Based Uniform Nanolaser Array on Plasmonic Grating. *ACS Photonics*, **2017**, 4, 649-656	6.3	22
112	Intense directional lasing from a deformed square-shaped organic-inorganic hybrid glass microring cavity. *Optics Letters*, **2003**, 28, 1784-6	3	22
111	Narrow-band polarized light emission from organic microcavity fabricated by sol-gel technique. *Applied Physics Letters*, **2003**, 82, 2939-2941	3.4	22
110	Dark plasmonic mode based perfect absorption and refractive index sensing. *Nanoscale*, **2017**, 9, 8907-8912	7.7	22
109	High-efficiency broadband achromatic metalens for near-IR biological imaging window. *Nature Communications*, **2021**, 12, 5560	17.4	22
108	Mass-Manufactural Lanthanide-Based Ultraviolet B Microlasers. *Advanced Materials*, **2019**, 31, e1807079	24	21
107	An Ultra-Compact 3-dB Power Splitter for Three Modes Based on Pixelated Meta-Structure. *IEEE Photonics Technology Letters*, **2020**, 32, 341-344	2.2	19

106	Tunable optical metasurfaces enabled by multiple modulation mechanisms. *Nanophotonics*, **2020**, 9, 4407-4431	6.5	19
105	Improving the Performance of a CH3NH3PbBr3 Perovskite Microrod Laser through Hybridization with Few-Layered Graphene. *Advanced Optical Materials*, **2016**, 4, 2057-2062	8.1	17
104	Transporting the Optical Chirality through the Dynamical Barriers in Optical Microcavities. *Laser and Photonics Reviews*, **2018**, 12, 1800027	8.3	17
103	Highly directional output from long-lived resonances in optical microcavity. *Optics Letters*, **2011**, 36, 103-5	3	17
102	Subwavelength polarization splitter-rotator with ultra-compact footprint. *Optics Letters*, **2019**, 44, 4495-4498	3	17
101	Dynamic Bifunctional Metasurfaces for Holography and Color Display. *Advanced Materials*, **2021**, 33, e2101258	24	17
100	Robust and Broadband Optical Coupling by Topological Waveguide Arrays. *Laser and Photonics Reviews*, **2020**, 14, 1900193	8.3	16
99	Controlling multimode coupling by boundary-wave scattering. *Physical Review A*, **2013**, 88,	2.6	16
98	Quasiparity-Time Symmetric Microdisk Laser. *Laser and Photonics Reviews*, **2017**, 11, 1700052	8.3	16
97	Switchable Random Laser From Dye-Doped Polymer Dispersed Liquid Crystal Waveguides. *IEEE Journal of Quantum Electronics*, **2007**, 43, 407-410	2	16
96	Miscellaneous Lasing Actions in Organo-Lead Halide Perovskite Films. *ACS Applied Materials & Interfaces*, **2017**, 9, 20711-20718	9.5	15
95	Transmission of IM/DD Signals at 2 □m Wavelength Using PAM and CAP. *IEEE Photonics Journal*, **2016**, 8, 1-7	1.8	15
94	Inversely Designed 1 □4 Power Splitter With Arbitrary Ratios at 2-□m Spectral Band. *IEEE Photonics Journal*, **2018**, 10, 1-6	1.8	15
93	Highly Compact and Efficient Four-Mode Multiplexer Based on Pixelated Waveguides. *IEEE Photonics Technology Letters*, **2020**, 32, 166-169	2.2	15
92	Spin Angular Momentum Controlled Multifunctional All-Dielectric Metasurface Doublet. *Laser and Photonics Reviews*, **2020**, 14, 1900324	8.3	14
91	High-Q and highly reproducible microdisks and microlasers. *Nanoscale*, **2018**, 10, 2045-2051	7.7	14
90	Maskless Fabrication of Aluminum Nanoparticles for Plasmonic Enhancement of Lead Halide Perovskite Lasers. *Advanced Optical Materials*, **2017**, 5, 1700529	8.1	14
89	Spectroscopic visualization of nanoscale deformation in bone: interaction of light with partially disordered nanostructure. *Journal of Biomedical Optics*, **2010**, 15, 060503	3.5	14

88	Hybridizing CH3NH3PbBr3 microwires and tapered fibers for efficient light collection. *Journal of Materials Chemistry A*, **2016**, 4, 8015-8019	13	14
87	Mid-infrared tunable magnetic response in graphene-based diabolo nanoantennas. *Carbon*, **2015**, 94, 501-506	10.4	13
86	Quasi-guiding Modes in Microfibers on a High Refractive Index Substrate. *ACS Photonics*, **2015**, 2, 1278-1283	6.3	13
85	Dynamic Structural Colors Based on All-Dielectric Mie Resonators. *Advanced Optical Materials*, **2021**, 9, 2002126	8.1	13
84	All-Dielectric Meta-Reflectarray for Efficient Control of Visible Light. *Annalen Der Physik*, **2018**, 530, 1700418	2.8	13
83	Optical Fiber Humidity Sensor Based on Water Absorption Peak Near 2-μm Waveband. *IEEE Photonics Journal*, **2019**, 11, 1-8	1.8	12
82	Wafer-scale metamaterials for polarization-insensitive and dual-band perfect absorption. *Nanoscale*, **2015**, 7, 18914-7	7.7	12
81	Stable Whispering Gallery Mode Lasing from Solution-Processed Formamidinium Lead Bromide Perovskite Microdisks. *Advanced Optical Materials*, **2020**, 8, 2000030	8.1	12
80	Enhanced second-harmonic generation from nonlinear optical metamagnetics. *Optics Express*, **2014**, 22, 26613-20	3.3	12
79	Highly Efficient Silicon Photonic Microheater Based on Black Arsenic–Phosphorus. *Advanced Optical Materials*, **2020**, 8, 1901526	8.1	12
78	Highly Controllable Etchless Perovskite Microlasers Based on Bound States in the Continuum. *ACS Nano*, **2021**, 15, 7386-7391	16.7	12
77	Single Crystal Microrod Based Homonuclear Photonic Molecule Lasers. *Advanced Optical Materials*, **2017**, 5, 1600744	8.1	11
76	Coherent destruction of tunneling in chaotic microcavities via three-state anti-crossings. *Scientific Reports*, **2014**, 4, 4858	4.9	11
75	Polarization-independent metamaterial with broad ultrahigh refractive index in terahertz region. *Optical Materials Express*, **2015**, 5, 1949	2.6	11
74	High-Speed Traveling-Wave Modulator Based on Graphene and Microfiber. *Journal of Lightwave Technology*, **2018**, 36, 4730-4735	4	11
73	Enhancing the Magnetic Resonance via Strong Coupling in Optical Metamaterials. *Advanced Optical Materials*, **2017**, 5, 1700469	8.1	11
72	Achieving Circularly Polarized Surface Emitting Perovskite Microlasers with All-Dielectric Metasurfaces. *ACS Nano*, **2020**,	16.7	11
71	Highly Controllable Lasing Actions in Lead Halide Perovskite–Si3N4 Hybrid Micro-Resonators. *Laser and Photonics Reviews*, **2019**, 13, 1800189	8.3	11

70	On-Chip-Integrated Methylammonium Halide Perovskite Optical Sensors. *Advanced Optical Materials*, **2019**, 7, 1801308	8.1	11
69	The combination of high Q factor and chirality in twin cavities and microcavity chain. *Scientific Reports*, **2014**, 4, 6493	4.9	10
68	Whispering-Gallery Mode Lasing in a Floating GaN Microdisk with a Vertical Slit. *Scientific Reports*, **2020**, 10, 253	4.9	10
67	Fabricating high refractive index titanium dioxide film using electron beam evaporation for all-dielectric metasurfaces. *MRS Communications*, **2016**, 6, 77-83	2.7	10
66	Single-Crystalline Perovskite Microlasers for High-Contrast and Sub-Diffraction Imaging. *Advanced Functional Materials*, **2019**, 29, 1904868	15.6	10
65	High-speed silicon photonic Mach□ehnder modulator at 2□m. *Photonics Research*, **2021**, 9, 535	6	10
64	Design of Mid-Infrared Electro-Optic Modulators Based on Aluminum Nitride Waveguides. *Journal of Lightwave Technology*, **2016**, 1-1	4	10
63	Chip-Scale Mass Manufacturable High-Q Silicon Microdisks. *Advanced Materials Technologies*, **2017**, 2, 1600299	6.8	9
62	The combination of directional outputs and single-mode operation in circular microdisk with broken PT symmetry. *Optics Express*, **2015**, 23, 24257-64	3.3	9
61	Light confinement in a low-refraction-index microcavity bonded on a silicon substrate. *Optica*, **2016**, 3, 937	8.6	9
60	Adiabatic and Ultracompact Waveguide Tapers Based on Digital Metamaterials. *IEEE Journal of Selected Topics in Quantum Electronics*, **2019**, 25, 1-6	3.8	9
59	Coherent destruction of dynamical tunneling in asymmetric resonant cavities. *Physical Review A*, **2013**, 87,	2.6	9
58	All-dielectric metasurface-enabled multiple vortex emissions.. *Advanced Materials*, **2022**, e2109255	24	9
57	Large-Scale and Defect-Free Silicon Metamaterials with Magnetic Response. *Scientific Reports*, **2016**, 6, 25760	4.9	9
56	Tailoring the lasing modes in CH3NH3PbBr3 perovskite microplates via micro-manipulation. *RSC Advances*, **2016**, 6, 50553-50558	3.7	8
55	Direct modulation of microcavity emission via local perturbation. *Physical Review A*, **2013**, 88,	2.6	8
54	Synthesis of Amphiphilic Dye-Self-Assembled Mesostructured Powder Silica with Enhanced Emission for Directional Random Laser. *Chemistry of Materials*, **2008**, 20, 3814-3820	9.6	8
53	Suppressing meta-holographic artifacts by laser coherence tuning. *Light: Science and Applications*, **2021**, 10, 104	16.7	8

52	Fiber-Integrated Reversibly Wavelength-Tunable Nanowire Laser Based on Nanocavity Mode Coupling. *ACS Nano*, **2019**, 13, 9965-9972	16.7	7
51	Deformed microdisk coupled to a bus waveguide for applications in resonant filter. *Optics Letters*, **2014**, 39, 1149-52	3	7
50	Enhancement factor in low-coherence enhanced backscattering and its applications for characterizing experimental skin carcinogenesis. *Journal of Biomedical Optics*, **2010**, 15, 037011	3.5	7
49	Perturbation of Nanoparticle on Deformed Microcavity. *Journal of Lightwave Technology*, **2010**, 28, 2818-2821	4	7
48	Wavelength and intensity switching in directly coupled semiconductor microdisk lasers. *Optics Letters*, **2008**, 33, 605-7	3	7
47	The Role of Excitons on Light Amplification in Lead Halide Perovskites. *Advanced Materials*, **2016**, 28, 10165-10169	24	7
46	Infrared metasurface-enabled compact polarization nanodevices. *Materials Today*, **2021**, 50, 499-499	21.8	7
45	Enhanced Multiphoton Processes in Perovskite Metasurfaces. *Nano Letters*, **2021**, 21, 7191-7197	11.5	7
44	Ultra-broadband 3 dB power splitter from 1.55 to 2 μm wave band. *Optics Letters*, **2021**, 46, 4232-4235	3	7
43	Distributed Feedback Laser Based on Single Crystal Perovskite. *Journal of Physics: Conference Series* , **2017**, 844, 012022	0.3	6
42	Absorption enhancement in thin-film organic solar cells through electric and magnetic resonances in optical metamaterial. *Optical Materials Express*, **2015**, 5, 1954	2.6	6
41	Deformed Microdisk-Based End-Fire Injection and Collection Resonant Device. *Journal of Lightwave Technology*, **2015**, 33, 3698-3703	4	6
40	Directional random-laser emission from Bragg gratings with irregular perturbation. *Optics Letters*, **2009**, 34, 344-6	3	6
39	Self-Cleaning Titanium Dioxide Metasurfaces with UV Irradiation. *Laser and Photonics Reviews*, **2021** , 15, 2000330	8.3	6
38	Ultra-Compact Mode-Division Multiplexed Photonic Integrated Circuit for Dual Polarizations. *Journal of Lightwave Technology*, **2021**, 39, 5925-5932	4	6
37	Improvement of the chirality near avoided resonance crossing in optical microcavity. *Science China: Physics, Mechanics and Astronomy*, **2015**, 58, 1	3.6	5
36	Three-dimensional light confinement in a PT-symmetric nanocavity. *RSC Advances*, **2016**, 6, 5792-5796	3.7	5
35	Manipulation of high-order scattering processes in ultrasmall optical resonators to control far-field emission. *Physical Review Letters*, **2014**, 112, 163902	7.4	5

34	Nanowire Waveguides and Lasers: Advances and Opportunities in Photonic Circuits. *Frontiers in Chemistry*, **2020**, 8, 613504	5	5
33	Optimization of one-third harmonic generation in the presence of nonlinear phase modulations and power attenuation. *Optics Express*, **2015**, 23, 17407-20	3.3	4
32	Optical metasurfaces towards multifunctionality and tunability. *Nanophotonics*, **2021**,	6.3	4
31	Observation of a manifold in the chaotic phase space of an asymmetric optical microcavity. *Photonics Research*, **2021**, 9, 364	6	4
30	Direct observation of chaotic resonances in optical microcavities. *Light: Science and Applications*, **2021**, 10, 135	16.7	4
29	Triangular lasing modes in hexagonal perovskite microplates with balanced gain and loss. *RSC Advances*, **2016**, 6, 64589-64594	3.7	4
28	End-fire injection of guided light into optical microcavity. *Applied Physics B: Lasers and Optics*, **2015**, 120, 255-260	1.9	3
27	Silicon photonic arrayed waveguide grating with 64 channels for the 2 μm spectral range.. *Optics Letters*, **2022**, 47, 1186-1189	3	3
26	Demonstration of an ultra-compact bend for four modes based on pixelated meta-structure **2020**,		3
25	Kerr Frequency Comb Interaction with Raman, Brillouin, and Second Order Nonlinear Effects. *Laser and Photonics Reviews*, **2022**, 16, 2100184	8.3	3
24	Dual-wavelength switchable single-mode lasing from a lanthanide-doped resonator.. *Nature Communications*, **2022**, 13, 1727	17.4	3
23	Analysis of third and one-third harmonic generation in lossy waveguides. *Chinese Physics B*, **2019**, 28, 064206	1.2	2
22	Enhancement of magnetic dipole emission at yellow light in optical metamaterials. *Optics Communications*, **2015**, 350, 202-206	2	2
21	The influence of grating shape formation fluctuation on DFB laser diode threshold condition. *Optical Review*, **2018**, 25, 330-335	0.9	2
20	Random lasing in bone tissue: potential as novel spectroscopy for dynamical analysis of nanostructures **2010**,		2
19	A double-ring Mach–Zehnder interferometer sensor with high sensitivity. *Journal Physics D: Applied Physics*, **2012**, 45, 255102	3	2
18	Coupling the normal incident light into waveguide modes of DBR mirrors via a diffraction grating. *Scientific Reports*, **2016**, 6, 38964	4.9	2
17	Experimental demonstration of PT-symmetric stripe lasers (Laser Photonics Rev. 10(4)/2016). *Laser and Photonics Reviews*, **2016**, 10, 697-697	8.3	2

List of Publications

16	Rapid and Nondestructive Determination of Graphene Thickness with an all Dielectric Metasurface. *Plasmonics*, **2017**, 12, 1685-1691	2.4	1
15	Unidirectional emission from a PT-symmetric annular microcavity. *Physical Review A*, **2019**, 99,	2.6	1
14	All-Optical Modulation of Microcavity Emission by Parity-Time Symmetry. *Annalen Der Physik*, **2020**, 532, 2000133	2.6	1
13	The impact of emission mechanisms on the long-lived states around avoided resonance crossings in chaotic microcavity. *Optics Express*, **2014**, 22, 5086-97	3.3	1
12	All-Dielectric Metasurface for Polarization-Insensitive Color Printing **2017**,		1
11	Theoretical analysis on the enhancement of one-third harmonic generation in quasi-phase-matching schemes based on modal dispersion modulation. *Journal of the Optical Society of America B: Optical Physics*, **2020**, 37, 1729	1.7	1
10	Ultra-compact and polarization-insensitive MMI coupler based on inverse design **2019**,		1
9	Review on unidirectional light emission from ultralow-loss modes in deformed microdisks **2012**, 109-152		1
8	A simple and cost-efficient dispersion measurement method for microresonators based on a fiber ring etalon. *Photonics Research*,	6	1
7	Ultrafast Control of Microlasers. *Optics and Photonics News*, **2020**, 31, 36	1.9	0
6	T-Branch Waveguide Mirror for Multimode Optical Splitter With Arbitrary Power Ratios. *IEEE Journal of Quantum Electronics*, **2021**, 57, 1-6	2	0
5	Scalable and Compact Silicon Mode Multiplexer via Tilt Waveguide Junctions with Shallow Etched Slots. *Journal of Lightwave Technology*, **2022**, 1-1	4	0
4	Facile microfluidic fabrication of monodispersed self-coupling microcavity with fine tunability. *Electrophoresis*, **2020**, 41, 1418-1424	3.6	
3	Millimeter-Long Silicon Photonic Antenna for Optical Phased Arrays at 2-μm Wavelength Band. *IEEE Photonics Journal*, **2021**, 13, 1-7	1.8	
2	Highly efficient one-third harmonic generation under nonlinear phase mismatch modulating scheme realized in a microfiber ring cavity. *Optics Communications*, **2021**, 487, 126794	2	
1	High efficiency light conversion between micro- and nano-photonic circuits. *Journal of Optics (United Kingdom)*, **2016**, 18, 075009	1.7	