

Qinghai Song

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.

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 | Silicon photonic arrayed waveguide grating with 64 channels for the 2 μm spectral range.. <i>Optics Letters</i> , 2022 , 47, 1186-1189 | 3 | 3 |
| 176 | All-dielectric metasurface-enabled multiple vortex emissions.. <i>Advanced Materials</i> , 2022 , e2109255 | 24 | 9 |
| 175 | Kerr Frequency Comb Interaction with Raman, Brillouin, and Second Order Nonlinear Effects. <i>Laser and Photonics Reviews</i> , 2022 , 16, 2100184 | 8.3 | 3 |
| 174 | Scalable and Compact Silicon Mode Multiplexer via Tilt Waveguide Junctions with Shallow Etched Slots. <i>Journal of Lightwave Technology</i> , 2022 , 1-1 | 4 | 0 |
| 173 | Dual-wavelength switchable single-mode lasing from a lanthanide-doped resonator.. <i>Nature Communications</i> , 2022 , 13, 1727 | 17.4 | 3 |
| 172 | Optical metasurfaces towards multifunctionality and tunability. <i>Nanophotonics</i> , 2021 , | 6.3 | 4 |
| 171 | Multidimensional phase singularities in nanophotonics. <i>Science</i> , 2021 , 374, eabj0039 | 33.3 | 23 |
| 170 | Self-Cleaning Titanium Dioxide Metasurfaces with UV Irradiation. <i>Laser and Photonics Reviews</i> , 2021 , 15, 2000330 | 8.3 | 6 |
| 169 | High-speed silicon photonic Mach-Zehnder modulator at 2 μm . <i>Photonics Research</i> , 2021 , 9, 535 | 6 | 10 |
| 168 | Highly Controllable Etchless Perovskite Microlasers Based on Bound States in the Continuum. <i>ACS Nano</i> , 2021 , 15, 7386-7391 | 16.7 | 12 |
| 167 | Observation of a manifold in the chaotic phase space of an asymmetric optical microcavity. <i>Photonics Research</i> , 2021 , 9, 364 | 6 | 4 |
| 166 | Millimeter-Long Silicon Photonic Antenna for Optical Phased Arrays at 2- μm Wavelength Band. <i>IEEE Photonics Journal</i> , 2021 , 13, 1-7 | 1.8 | |
| 165 | Highly efficient one-third harmonic generation under nonlinear phase mismatch modulating scheme realized in a microfiber ring cavity. <i>Optics Communications</i> , 2021 , 487, 126794 | 2 | |
| 164 | Suppressing meta-holographic artifacts by laser coherence tuning. <i>Light: Science and Applications</i> , 2021 , 10, 104 | 16.7 | 8 |
| 163 | Direct observation of chaotic resonances in optical microcavities. <i>Light: Science and Applications</i> , 2021 , 10, 135 | 16.7 | 4 |
| 162 | Micro- and Nanostructured Lead Halide Perovskites: From Materials to Integrations and Devices. <i>Advanced Materials</i> , 2021 , 33, e2000306 | 24 | 33 |
| 161 | Dynamic Structural Colors Based on All-Dielectric Mie Resonators. <i>Advanced Optical Materials</i> , 2021 , 9, 2002126 | 8.1 | 13 |

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| 160 | Infrared metasurface-enabled compact polarization nanodevices. <i>Materials Today</i> , 2021 , 50, 499-499 | 21.8 | 7 |
| 159 | Dynamic Bifunctional Metasurfaces for Holography and Color Display. <i>Advanced Materials</i> , 2021 , 33, e2101258 | 17.4 | 17 |
| 158 | Enhanced Multiphoton Processes in Perovskite Metasurfaces. <i>Nano Letters</i> , 2021 , 21, 7191-7197 | 11.5 | 7 |
| 157 | Ultra-broadband 3 dB power splitter from 1.55 to 2 μ m wave band. <i>Optics Letters</i> , 2021 , 46, 4232-4235 | 3 | 7 |
| 156 | High-efficiency broadband achromatic metalens for near-IR biological imaging window. <i>Nature Communications</i> , 2021 , 12, 5560 | 17.4 | 22 |
| 155 | Ultra-Compact Mode-Division Multiplexed Photonic Integrated Circuit for Dual Polarizations. <i>Journal of Lightwave Technology</i> , 2021 , 39, 5925-5932 | 4 | 6 |
| 154 | T-Branch Waveguide Mirror for Multimode Optical Splitter With Arbitrary Power Ratios. <i>IEEE Journal of Quantum Electronics</i> , 2021 , 57, 1-6 | 2 | 0 |
| 153 | Reprogrammable meta-hologram for optical encryption. <i>Nature Communications</i> , 2020 , 11, 5484 | 17.4 | 60 |
| 152 | Spin Angular Momentum Controlled Multifunctional All-Dielectric Metasurface Doublet. <i>Laser and Photonics Reviews</i> , 2020 , 14, 1900324 | 8.3 | 14 |
| 151 | Stable Whispering Gallery Mode Lasing from Solution-Processed Formamidinium Lead Bromide Perovskite Microdisks. <i>Advanced Optical Materials</i> , 2020 , 8, 2000030 | 8.1 | 12 |
| 150 | All-Optical Modulation of Microcavity Emission by Parity-Time Symmetry. <i>Annalen Der Physik</i> , 2020 , 532, 2000133 | 2.6 | 1 |
| 149 | Ultrafast control of vortex microlasers. <i>Science</i> , 2020 , 367, 1018-1021 | 33.3 | 210 |
| 148 | An Ultra-Compact 3-dB Power Splitter for Three Modes Based on Pixelated Meta-Structure. <i>IEEE Photonics Technology Letters</i> , 2020 , 32, 341-344 | 2.2 | 19 |
| 147 | Whispering-Gallery Mode Lasing in a Floating GaN Microdisk with a Vertical Slit. <i>Scientific Reports</i> , 2020 , 10, 253 | 4.9 | 10 |
| 146 | Robust and Broadband Optical Coupling by Topological Waveguide Arrays. <i>Laser and Photonics Reviews</i> , 2020 , 14, 1900193 | 8.3 | 16 |
| 145 | Theoretical analysis on the enhancement of one-third harmonic generation in quasi-phase-matching schemes based on modal dispersion modulation. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2020 , 37, 1729 | 1.7 | 1 |
| 144 | Demonstration of an ultra-compact bend for four modes based on pixelated meta-structure 2020 , | | 3 |
| 143 | Tunable optical metasurfaces enabled by multiple modulation mechanisms. <i>Nanophotonics</i> , 2020 , 9, 4407-4431 | 6.4 | 19 |

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|-----|---|------|-----|
| 142 | Ultrafast Control of Microlasers. <i>Optics and Photonics News</i> , 2020 , 31, 36 | 1.9 | 0 |
| 141 | Highly Efficient Silicon Photonic Microheater Based on Black Arsenic Phosphorus. <i>Advanced Optical Materials</i> , 2020 , 8, 1901526 | 8.1 | 12 |
| 140 | Facile microfluidic fabrication of monodispersed self-coupling microcavity with fine tunability. <i>Electrophoresis</i> , 2020 , 41, 1418-1424 | 3.6 | |
| 139 | Stretchable All-Dielectric Metasurfaces with Polarization-Insensitive and Full-Spectrum Response. <i>ACS Nano</i> , 2020 , 14, 1418-1426 | 16.7 | 47 |
| 138 | Highly Compact and Efficient Four-Mode Multiplexer Based on Pixelated Waveguides. <i>IEEE Photonics Technology Letters</i> , 2020 , 32, 166-169 | 2.2 | 15 |
| 137 | Lead halide perovskite vortex microlasers. <i>Nature Communications</i> , 2020 , 11, 4862 | 17.4 | 30 |
| 136 | Achieving Circularly Polarized Surface Emitting Perovskite Microlasers with All-Dielectric Metasurfaces. <i>ACS Nano</i> , 2020 , | 16.7 | 11 |
| 135 | All-dielectric metasurface for high-performance structural color. <i>Nature Communications</i> , 2020 , 11, 1864 | 17.4 | 128 |
| 134 | Nanowire Waveguides and Lasers: Advances and Opportunities in Photonic Circuits. <i>Frontiers in Chemistry</i> , 2020 , 8, 613504 | 5 | 5 |
| 133 | Analysis of third and one-third harmonic generation in lossy waveguides. <i>Chinese Physics B</i> , 2019 , 28, 064206 | 1.2 | 2 |
| 132 | Lead Halide Perovskite-Based Dynamic Metasurfaces. <i>Laser and Photonics Reviews</i> , 2019 , 13, 1900079 | 8.3 | 30 |
| 131 | Resonance-enhanced three-photon luminescence via lead halide perovskite metasurfaces for optical encoding. <i>Nature Communications</i> , 2019 , 10, 2085 | 17.4 | 55 |
| 130 | All-optical control of lead halide perovskite microlasers. <i>Nature Communications</i> , 2019 , 10, 1770 | 17.4 | 77 |
| 129 | Unidirectional emission from a PT-symmetric annular microcavity. <i>Physical Review A</i> , 2019 , 99, | 2.6 | 1 |
| 128 | Optical Fiber Humidity Sensor Based on Water Absorption Peak Near 2- μ m Waveband. <i>IEEE Photonics Journal</i> , 2019 , 11, 1-8 | 1.8 | 12 |
| 127 | Adiabatic and Ultracompact Waveguide Tapers Based on Digital Metamaterials. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2019 , 25, 1-6 | 3.8 | 9 |
| 126 | Fiber-Integrated Reversibly Wavelength-Tunable Nanowire Laser Based on Nanocavity Mode Coupling. <i>ACS Nano</i> , 2019 , 13, 9965-9972 | 16.7 | 7 |
| 125 | Surface-Emitting Perovskite Random Lasers for Speckle-Free Imaging. <i>ACS Nano</i> , 2019 , 13, 10653-10661 | 16.7 | 49 |

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| 124 | Arbitrarily routed mode-division multiplexed photonic circuits for dense integration. <i>Nature Communications</i> , 2019 , 10, 3263 | 17.4 | 81 |
| 123 | Single-Crystalline Perovskite Microlasers for High-Contrast and Sub-Diffraction Imaging. <i>Advanced Functional Materials</i> , 2019 , 29, 1904868 | 15.6 | 10 |
| 122 | Breakup and Recovery of Topological Zero Modes in Finite Non-Hermitian Optical Lattices. <i>Physical Review Letters</i> , 2019 , 123, 165701 | 7.4 | 41 |
| 121 | TiO metasurfaces: From visible planar photonics to photochemistry. <i>Science Advances</i> , 2019 , 5, eaax0939 | 14.3 | 42 |
| 120 | Ultra-compact and polarization-insensitive MMI coupler based on inverse design 2019 , | | 1 |
| 119 | Subwavelength polarization splitter-rotator with ultra-compact footprint. <i>Optics Letters</i> , 2019 , 44, 4495-4498 | 3.4 | 17 |
| 118 | Mass-Manufactural Lanthanide-Based Ultraviolet B Microlasers. <i>Advanced Materials</i> , 2019 , 31, e1807079 | 24 | 21 |
| 117 | Highly Controllable Lasing Actions in Lead Halide Perovskite/Si ₃ N ₄ Hybrid Micro-Resonators. <i>Laser and Photonics Reviews</i> , 2019 , 13, 1800189 | 8.3 | 11 |
| 116 | On-Chip-Integrated Methylammonium Halide Perovskite Optical Sensors. <i>Advanced Optical Materials</i> , 2019 , 7, 1801308 | 8.1 | 11 |
| 115 | Real-Time Tunable Colors from Microfluidic Reconfigurable All-Dielectric Metasurfaces. <i>ACS Nano</i> , 2018 , 12, 2151-2159 | 16.7 | 103 |
| 114 | The influence of grating shape formation fluctuation on DFB laser diode threshold condition. <i>Optical Review</i> , 2018 , 25, 330-335 | 0.9 | 2 |
| 113 | Formation of Lead Halide Perovskite Based Plasmonic Nanolasers and Nanolaser Arrays by Tailoring the Substrate. <i>ACS Nano</i> , 2018 , 12, 3865-3874 | 16.7 | 61 |
| 112 | \$2- μ m Wavelength Grating Coupler, Bent Waveguide, and Tunable Microring on Silicon Photonic MPW. <i>IEEE Photonics Technology Letters</i> , 2018 , 30, 471-474 | 2.2 | 23 |
| 111 | Lead Halide Perovskite Based Microdisk Lasers for On-Chip Integrated Photonic Circuits. <i>Advanced Optical Materials</i> , 2018 , 6, 1701266 | 8.1 | 36 |
| 110 | High-Q and highly reproducible microdisks and microlasers. <i>Nanoscale</i> , 2018 , 10, 2045-2051 | 7.7 | 14 |
| 109 | On-Chip Spiral Waveguides for Ultrasensitive and Rapid Detection of Nanoscale Objects. <i>Advanced Materials</i> , 2018 , 30, e1800262 | 24 | 36 |
| 108 | End-fire injection of light into high-Q silicon microdisks. <i>Optica</i> , 2018 , 5, 612 | 8.6 | 28 |
| 107 | Very sharp adiabatic bends based on an inverse design. <i>Optics Letters</i> , 2018 , 43, 2482-2485 | 3 | 35 |

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| 106 | Transporting the Optical Chirality through the Dynamical Barriers in Optical Microcavities. <i>Laser and Photonics Reviews</i> , 2018 , 12, 1800027 | 8.3 | 17 |
| 105 | Lead Halide Perovskite Nanostructures for Dynamic Color Display. <i>ACS Nano</i> , 2018 , 12, 8847-8854 | 16.7 | 99 |
| 104 | High-Speed Traveling-Wave Modulator Based on Graphene and Microfiber. <i>Journal of Lightwave Technology</i> , 2018 , 36, 4730-4735 | 4 | 11 |
| 103 | Inversely Designed 1 × 4 Power Splitter With Arbitrary Ratios at 2- μ m Spectral Band. <i>IEEE Photonics Journal</i> , 2018 , 10, 1-6 | 1.8 | 15 |
| 102 | Chip-Scale Fabrication of Uniform Lead Halide Perovskites Microlaser Array and Photodetector Array. <i>Laser and Photonics Reviews</i> , 2018 , 12, 1700234 | 8.3 | 48 |
| 101 | All-Dielectric Meta-Reflectarray for Efficient Control of Visible Light. <i>Annalen Der Physik</i> , 2018 , 530, 1700418 | 11.8 | 13 |
| 100 | Nonlinear Holographic All-Dielectric Metasurfaces. <i>Nano Letters</i> , 2018 , 18, 8054-8061 | 11.5 | 65 |
| 99 | Dark-Field Sensors based on Organometallic Halide Perovskite Microlasers. <i>Advanced Materials</i> , 2018 , 30, e1801481 | 24 | 29 |
| 98 | Recent Advances in Perovskite Micro- and Nanolasers. <i>Advanced Optical Materials</i> , 2018 , 6, 1800278 | 8.1 | 112 |
| 97 | Lead Halide Perovskite Nanoribbon Based Uniform Nanolaser Array on Plasmonic Grating. <i>ACS Photonics</i> , 2017 , 4, 649-656 | 6.3 | 22 |
| 96 | Highly Reproducible Organometallic Halide Perovskite Microdevices based on Top-Down Lithography. <i>Advanced Materials</i> , 2017 , 29, 1606205 | 24 | 100 |
| 95 | Solution-Phase Synthesis of Cesium Lead Halide Perovskite Microrods for High-Quality Microlasers and Photodetectors. <i>Advanced Optical Materials</i> , 2017 , 5, 1700023 | 8.1 | 53 |
| 94 | Chip-Scale Mass Manufacturable High-Q Silicon Microdisks. <i>Advanced Materials Technologies</i> , 2017 , 2, 1600299 | 6.8 | 9 |
| 93 | Distributed Feedback Laser Based on Single Crystal Perovskite. <i>Journal of Physics: Conference Series</i> , 2017 , 844, 012022 | 0.3 | 6 |
| 92 | Miscellaneous Lasing Actions in Organo-Lead Halide Perovskite Films. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 20711-20718 | 9.5 | 15 |
| 91 | Room temperature three-photon pumped CHNHPbBr perovskite microlasers. <i>Scientific Reports</i> , 2017 , 7, 45391 | 4.9 | 37 |
| 90 | All-Dielectric Full-Color Printing with TiO Metasurfaces. <i>ACS Nano</i> , 2017 , 11, 4445-4452 | 16.7 | 250 |
| 89 | Rapid and Nondestructive Determination of Graphene Thickness with an all Dielectric Metasurface. <i>Plasmonics</i> , 2017 , 12, 1685-1691 | 2.4 | 1 |

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| 88 | Single Crystal Microrod Based Homonuclear Photonic Molecule Lasers. <i>Advanced Optical Materials</i> , 2017 , 5, 1600744 | 8.1 | 11 |
| 87 | Giant blueshifts of excitonic resonances in two-dimensional lead halide perovskite. <i>Nano Energy</i> , 2017 , 41, 320-326 | 17.1 | 26 |
| 86 | Maskless Fabrication of Aluminum Nanoparticles for Plasmonic Enhancement of Lead Halide Perovskite Lasers. <i>Advanced Optical Materials</i> , 2017 , 5, 1700529 | 8.1 | 14 |
| 85 | Enhancing the Magnetic Resonance via Strong Coupling in Optical Metamaterials. <i>Advanced Optical Materials</i> , 2017 , 5, 1700469 | 8.1 | 11 |
| 84 | Quasiparity-Time Symmetric Microdisk Laser. <i>Laser and Photonics Reviews</i> , 2017 , 11, 1700052 | 8.3 | 16 |
| 83 | Tailoring the Performances of Lead Halide Perovskite Devices with Electron-Beam Irradiation. <i>Advanced Materials</i> , 2017 , 29, 1701636 | 24 | 48 |
| 82 | Whispering-gallery-mode based CH ₃ NH ₃ PbBr ₃ perovskite microrod lasers with high quality factors. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 477-481 | 7.8 | 26 |
| 81 | Integrated photonic power divider with arbitrary power ratios. <i>Optics Letters</i> , 2017 , 42, 855-858 | 3 | 79 |
| 80 | Far-field single nanoparticle detection and sizing. <i>Optica</i> , 2017 , 4, 1151 | 8.6 | 44 |
| 79 | All-Dielectric Metasurface for Polarization-Insensitive Color Printing 2017 , | | 1 |
| 78 | Dark plasmonic mode based perfect absorption and refractive index sensing. <i>Nanoscale</i> , 2017 , 9, 8907-8912 | 8.7 | 22 |
| 77 | Light confinement in a low-refraction-index microcavity bonded on a silicon substrate. <i>Optica</i> , 2016 , 3, 937 | 8.6 | 9 |
| 76 | Improving the Performance of a CH ₃ NH ₃ PbBr ₃ Perovskite Microrod Laser through Hybridization with Few-Layered Graphene. <i>Advanced Optical Materials</i> , 2016 , 4, 2057-2062 | 8.1 | 17 |
| 75 | Postsynthetic and Selective Control of Lead Halide Perovskite Microlasers. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 3886-3891 | 6.4 | 30 |
| 74 | Experimental demonstration of PT-symmetric stripe lasers. <i>Laser and Photonics Reviews</i> , 2016 , 10, 588-594 | 8.5 | 47 |
| 73 | Transmission of IM/DD Signals at 2 Th Wavelength Using PAM and CAP. <i>IEEE Photonics Journal</i> , 2016 , 8, 1-7 | 1.8 | 15 |
| 72 | High-Density and Uniform Lead Halide Perovskite Nanolaser Array on Silicon. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 2549-55 | 6.4 | 46 |
| 71 | Random lasing actions in self-assembled perovskite nanoparticles. <i>Optical Engineering</i> , 2016 , 55, 057102 | 1.1 | 27 |

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|----|--|------|-----|
| 70 | Fabricating high refractive index titanium dioxide film using electron beam evaporation for all-dielectric metasurfaces. <i>MRS Communications</i> , 2016 , 6, 77-83 | 2.7 | 10 |
| 69 | Tailoring the lasing modes in CH ₃ NH ₃ PbBr ₃ perovskite microplates via micro-manipulation. <i>RSC Advances</i> , 2016 , 6, 50553-50558 | 3.7 | 8 |
| 68 | Two-Photon Pumped CH ₃ NH ₃ PbBr ₃ Perovskite Microwire Lasers. <i>Advanced Optical Materials</i> , 2016 , 4, 472-479 | 8.1 | 122 |
| 67 | Three-dimensional light confinement in a PT-symmetric nanocavity. <i>RSC Advances</i> , 2016 , 6, 5792-5796 | 3.7 | 5 |
| 66 | Tunable perovskite microdisk lasers. <i>Nanoscale</i> , 2016 , 8, 8717-21 | 7.7 | 28 |
| 65 | Formation of single-mode laser in transverse plane of perovskite microwire via micromanipulation. <i>Optics Letters</i> , 2016 , 41, 555-8 | 3 | 44 |
| 64 | Broadband and Tunable-Focus Flat Lens with Dielectric Metasurface. <i>Plasmonics</i> , 2016 , 11, 537-541 | 2.4 | 24 |
| 63 | Design of a barcode-like waveguide nanostructure for efficient chip fiber coupling. <i>Photonics Research</i> , 2016 , 4, 209 | 6 | 26 |
| 62 | Triangular lasing modes in hexagonal perovskite microplates with balanced gain and loss. <i>RSC Advances</i> , 2016 , 6, 64589-64594 | 3.7 | 4 |
| 61 | Design of Mid-Infrared Electro-Optic Modulators Based on Aluminum Nitride Waveguides. <i>Journal of Lightwave Technology</i> , 2016 , 1-1 | 4 | 10 |
| 60 | A hybrid system with highly enhanced graphene SERS for rapid and tag-free tumor cells detection. <i>Scientific Reports</i> , 2016 , 6, 25134 | 4.9 | 37 |
| 59 | Large-Scale and Defect-Free Silicon Metamaterials with Magnetic Response. <i>Scientific Reports</i> , 2016 , 6, 25760 | 4.9 | 9 |
| 58 | Coupling the normal incident light into waveguide modes of DBR mirrors via a diffraction grating. <i>Scientific Reports</i> , 2016 , 6, 38964 | 4.9 | 2 |
| 57 | High efficiency light conversion between micro- and nano-photonic circuits. <i>Journal of Optics (United Kingdom)</i> , 2016 , 18, 075009 | 1.7 | |
| 56 | Unidirectional Lasing Emissions from CH ₃ NH ₃ PbBr ₃ Perovskite Microdisks. <i>ACS Photonics</i> , 2016 , 3, 112561-112568 | 13.0 | 82 |
| 55 | Hybridizing CH ₃ NH ₃ PbBr ₃ microwires and tapered fibers for efficient light collection. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 8015-8019 | 13 | 14 |
| 54 | Experimental demonstration of PT-symmetric stripe lasers (Laser Photonics Rev. 10(4)/2016). <i>Laser and Photonics Reviews</i> , 2016 , 10, 697-697 | 8.3 | 2 |
| 53 | The Role of Excitons on Light Amplification in Lead Halide Perovskites. <i>Advanced Materials</i> , 2016 , 28, 10165-10169 | 24 | 7 |

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|----|--|-------|----|
| 52 | Mid-infrared tunable magnetic response in graphene-based diablo nanoantennas. <i>Carbon</i> , 2015 , 94, 501-506 | 10.4 | 13 |
| 51 | Photon hopping and nanowire based hybrid plasmonic waveguide and ring-resonator. <i>Scientific Reports</i> , 2015 , 5, | 4.9 | 25 |
| 50 | Enhancement of magnetic dipole emission at yellow light in optical metamaterials. <i>Optics Communications</i> , 2015 , 350, 202-206 | 2 | 2 |
| 49 | Absorption enhancement in thin-film organic solar cells through electric and magnetic resonances in optical metamaterial. <i>Optical Materials Express</i> , 2015 , 5, 1954 | 2.6 | 6 |
| 48 | Optimization of one-third harmonic generation in the presence of nonlinear phase modulations and power attenuation. <i>Optics Express</i> , 2015 , 23, 17407-20 | 3.3 | 4 |
| 47 | The combination of directional outputs and single-mode operation in circular microdisk with broken PT symmetry. <i>Optics Express</i> , 2015 , 23, 24257-64 | 3.3 | 9 |
| 46 | Polarization-independent metamaterial with broad ultrahigh refractive index in terahertz region. <i>Optical Materials Express</i> , 2015 , 5, 1949 | 2.6 | 11 |
| 45 | Wafer-scale metamaterials for polarization-insensitive and dual-band perfect absorption. <i>Nanoscale</i> , 2015 , 7, 18914-7 | 7.7 | 12 |
| 44 | Quasi-guiding Modes in Microfibers on a High Refractive Index Substrate. <i>ACS Photonics</i> , 2015 , 2, 1278-1283 | 10.83 | 13 |
| 43 | Improvement of the chirality near avoided resonance crossing in optical microcavity. <i>Science China: Physics, Mechanics and Astronomy</i> , 2015 , 58, 1 | 3.6 | 5 |
| 42 | Inversed Vernier effect based single-mode laser emission in coupled microdisks. <i>Scientific Reports</i> , 2015 , 5, 13682 | 4.9 | 23 |
| 41 | End-fire injection of guided light into optical microcavity. <i>Applied Physics B: Lasers and Optics</i> , 2015 , 120, 255-260 | 1.9 | 3 |
| 40 | Deformed Microdisk-Based End-Fire Injection and Collection Resonant Device. <i>Journal of Lightwave Technology</i> , 2015 , 33, 3698-3703 | 4 | 6 |
| 39 | Single Nanoparticle Detection Using Far-field Emission of Photonic Molecule around the Exceptional Point. <i>Scientific Reports</i> , 2015 , 5, 11912 | 4.9 | 27 |
| 38 | Coherent destruction of tunneling in chaotic microcavities via three-state anti-crossings. <i>Scientific Reports</i> , 2014 , 4, 4858 | 4.9 | 11 |
| 37 | The combination of high Q factor and chirality in twin cavities and microcavity chain. <i>Scientific Reports</i> , 2014 , 4, 6493 | 4.9 | 10 |
| 36 | Deformed microdisk coupled to a bus waveguide for applications in resonant filter. <i>Optics Letters</i> , 2014 , 39, 1149-52 | 3 | 7 |
| 35 | The impact of emission mechanisms on the long-lived states around avoided resonance crossings in chaotic microcavity. <i>Optics Express</i> , 2014 , 22, 5086-97 | 3.3 | 1 |

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|----|--|-----|-----|
| 34 | Enhanced second-harmonic generation from nonlinear optical metamagnetics. <i>Optics Express</i> , 2014 , 22, 26613-20 | 3.3 | 12 |
| 33 | Manipulation of high-order scattering processes in ultrasmall optical resonators to control far-field emission. <i>Physical Review Letters</i> , 2014 , 112, 163902 | 7.4 | 5 |
| 32 | Controlling multimode coupling by boundary-wave scattering. <i>Physical Review A</i> , 2013 , 88, | 2.6 | 16 |
| 31 | Coherent destruction of dynamical tunneling in asymmetric resonant cavities. <i>Physical Review A</i> , 2013 , 87, | 2.6 | 9 |
| 30 | Direct modulation of microcavity emission via local perturbation. <i>Physical Review A</i> , 2013 , 88, | 2.6 | 8 |
| 29 | Extreme output sensitivity to subwavelength boundary deformation in microcavities. <i>Physical Review A</i> , 2013 , 87, | 2.6 | 28 |
| 28 | Formation of long-lived resonances in hexagonal cavities by strong coupling of superscar modes. <i>Physical Review A</i> , 2013 , 88, | 2.6 | 30 |
| 27 | Channeling chaotic rays into waveguides for efficient collection of microcavity emission. <i>Physical Review Letters</i> , 2012 , 108, 243902 | 7.4 | 76 |
| 26 | A double-ring Mach-Zehnder interferometer sensor with high sensitivity. <i>Journal Physics D: Applied Physics</i> , 2012 , 45, 255102 | 3 | 2 |
| 25 | Local chirality of optical resonances in ultrasmall resonators. <i>Physical Review Letters</i> , 2012 , 108, 253902 | 7.4 | 37 |
| 24 | Review on unidirectional light emission from ultralow-loss modes in deformed microdisks 2012 , 109-152 | | 1 |
| 23 | Highly directional output from long-lived resonances in optical microcavity. <i>Optics Letters</i> , 2011 , 36, 1033-5 | 3.5 | 17 |
| 22 | Spectroscopic visualization of nanoscale deformation in bone: interaction of light with partially disordered nanostructure. <i>Journal of Biomedical Optics</i> , 2010 , 15, 060503 | 3.5 | 14 |
| 21 | Enhancement factor in low-coherence enhanced backscattering and its applications for characterizing experimental skin carcinogenesis. <i>Journal of Biomedical Optics</i> , 2010 , 15, 037011 | 3.5 | 7 |
| 20 | Random lasing in bone tissue: potential as novel spectroscopy for dynamical analysis of nanostructures 2010 , | | 2 |
| 19 | Detection of nanoscale structural changes in bone using random lasers. <i>Biomedical Optics Express</i> , 2010 , 1, 1401-1407 | 3.5 | 38 |
| 18 | Random lasing in bone tissue. <i>Optics Letters</i> , 2010 , 35, 1425-7 | 3 | 123 |
| 17 | Random laser spectroscopy for nanoscale perturbation sensing. <i>Optics Letters</i> , 2010 , 35, 2624-6 | 3 | 46 |

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|----|---|-----|-----|
| 16 | Perturbation of Nanoparticle on Deformed Microcavity. <i>Journal of Lightwave Technology</i> , 2010 , 28, 2818-2821 | 7 | |
| 15 | A conductivity-based selective etching for next generation GaN devices. <i>Physica Status Solidi (B): Basic Research</i> , 2010 , 247, 1713-1716 | 1.3 | 68 |
| 14 | Electrical tunable random laser emission from a liquid-crystal infiltrated disordered planar microcavity. <i>Optics Letters</i> , 2009 , 34, 298-300 | 3 | 42 |
| 13 | Directional random-laser emission from Bragg gratings with irregular perturbation. <i>Optics Letters</i> , 2009 , 34, 344-6 | 3 | 6 |
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