

Yong Sheng Zhao

List of Publications by Citations

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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.

231
papers

9,500
citations

53
h-index

87
g-index

255
ext. papers

11,252
ext. citations

11.8
avg, IF

6.59
L-index

#	Paper	IF	Citations
231	Construction and optoelectronic properties of organic one-dimensional nanostructures. <i>Accounts of Chemical Research</i> , 2010 , 43, 409-18	24.3	371
230	Low-Dimensional Nanomaterials Based on Small Organic Molecules: Preparation and Optoelectronic Properties. <i>Advanced Materials</i> , 2008 , 20, 2859-2876	24	354
229	Nanowire Waveguides and Ultraviolet Lasers Based on Small Organic Molecules. <i>Advanced Materials</i> , 2008 , 20, 1661-1665	24	244
228	Organic Micro/Nanoscale Lasers. <i>Accounts of Chemical Research</i> , 2016 , 49, 1691-700	24.3	214
227	Polymorphism-Dependent Emission for Di(p-methoxyphenyl)dibenzofulvene and Analogues: Optical Waveguide/Amplified Spontaneous Emission Behaviors. <i>Advanced Functional Materials</i> , 2012 , 22, 4862-4872	15.6	203
226	Two-photon pumped lasing in single-crystal organic nanowire exciton polariton resonators. <i>Journal of the American Chemical Society</i> , 2011 , 133, 7276-9	16.4	195
225	Optical waveguide based on crystalline organic microtubes and microrods. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 7301-5	16.4	195
224	Lanthanide Metal-Organic Framework Microrods: Colored Optical Waveguides and Chiral Polarized Emission. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7853-7857	16.4	190
223	Controlling the Cavity Structures of Two-Photon-Pumped Perovskite Microlasers. <i>Advanced Materials</i> , 2016 , 28, 4040-6	24	172
222	A tetraphenylethene-substituted pyridinium salt with multiple functionalities: synthesis, stimuli-responsive emission, optical waveguide and specific mitochondrion imaging. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 4640	7.1	167
221	Self-assembly solid-state enhanced red emission of quinolinemalononitrile: optical waveguides and stimuli response. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 192-8	9.5	156
220	Low-threshold wavelength-switchable organic nanowire lasers based on excited-state intramolecular proton transfer. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7125-9	16.4	150
219	Controlling the structures and photonic properties of organic nanomaterials by molecular design. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 8713-7	16.4	144
218	Vertical organic nanowire arrays: controlled synthesis and chemical sensors. <i>Journal of the American Chemical Society</i> , 2009 , 131, 3158-9	16.4	144
217	Materials chemistry and engineering in metal halide perovskite lasers. <i>Chemical Society Reviews</i> , 2020 , 49, 951-982	58.5	143
216	Optical waveguides at micro/nanoscale based on functional small organic molecules. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 9060-73	3.6	140
215	Organic printed photonics: From microring lasers to integrated circuits. <i>Science Advances</i> , 2015 , 1, e1500257	24.3	131

214	Patterned growth of vertically aligned organic nanowire waveguide arrays. <i>ACS Nano</i> , 2010 , 4, 1630-6	16.7	128
213	Inorganic nanoparticle-based T1 and T1/T2 magnetic resonance contrast probes. <i>Nanoscale</i> , 2012 , 4, 6235-43	7.7	122
212	Toxicity of ionic liquids: database and prediction via quantitative structure-activity relationship method. <i>Journal of Hazardous Materials</i> , 2014 , 278, 320-9	12.8	117
211	Output Coupling of Perovskite Lasers from Embedded Nanoscale Plasmonic Waveguides. <i>Journal of the American Chemical Society</i> , 2016 , 138, 2122-5	16.4	115
210	Organic nanophotonics: from controllable assembly of functional molecules to low-dimensional materials with desired photonic properties. <i>Chemical Society Reviews</i> , 2014 , 43, 4325-40	58.5	112
209	Wire-on-wire growth of fluorescent organic heterojunctions. <i>Journal of the American Chemical Society</i> , 2012 , 134, 2880-3	16.4	111
208	Broadband Tunable Microlasers Based on Controlled Intramolecular Charge-Transfer Process in Organic Supramolecular Microcrystals. <i>Journal of the American Chemical Society</i> , 2016 , 138, 1118-21	16.4	110
207	Enhanced proton and electron reservoir abilities of polyoxometalate grafted on graphene for high-performance hydrogen evolution. <i>Energy and Environmental Science</i> , 2016 , 9, 1012-1023	35.4	109
206	A Single Crystal with Multiple Functions of Optical Waveguide, Aggregation-Induced Emission, and Mechanochromism. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 8910-8918	9.5	108
205	Single Crystalline Submicrotubes from Small Organic Molecules. <i>Chemistry of Materials</i> , 2005 , 17, 6430-6435	14.5	106
204	From molecular design and materials construction to organic nanophotonic devices. <i>Accounts of Chemical Research</i> , 2014 , 47, 3448-58	24.3	105
203	Controlled self-assembly of organic composite microdisks for efficient output coupling of whispering-gallery-mode lasers. <i>Journal of the American Chemical Society</i> , 2015 , 137, 62-5	16.4	89
202	Full-color laser displays based on organic printed microlaser arrays. <i>Nature Communications</i> , 2019 , 10, 870	17.4	89
201	Dual-color single-mode lasing in axially coupled organic nanowire resonators. <i>Science Advances</i> , 2017 , 3, e1700225	14.3	88
200	Wavelength-Tunable Microlasers Based on the Encapsulation of Organic Dye in Metal-Organic Frameworks. <i>Advanced Materials</i> , 2016 , 28, 7424-9	24	86
199	Direct-Writing Multifunctional Perovskite Single Crystal Arrays by Inkjet Printing. <i>Small</i> , 2017 , 13, 1603217	17	80
198	Coaxial organic p-n heterojunction nanowire arrays: one-step synthesis and photoelectric properties. <i>Advanced Materials</i> , 2012 , 24, 2332-6	24	80
197	A Cruciform Electron Donor-Acceptor Semiconductor with Solid-State Red Emission: 1D/2D Optical Waveguides and Highly Sensitive/Selective Detection of H ₂ S Gas. <i>Advanced Functional Materials</i> , 2014 , 24, 4250-4258	15.6	77

196	Hydrogen peroxide vapor sensing with organic core/sheath nanowire optical waveguides. <i>Advanced Materials</i> , 2012 , 24, OP194-9, OP186	24	77
195	Twisted intramolecular charge transfer, aggregation-induced emission, supramolecular self-assembly and the optical waveguide of barbituric acid-functionalized tetraphenylethene. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 1801	7.1	73
194	Engineering Donor-Acceptor Heterostructure Metal-Organic Framework Crystals for Photonic Logic Computation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 13890-13896	16.4	70
193	Photonic applications of one-dimensional organic single-crystalline nanostructures: optical waveguides and optically pumped lasers. <i>Journal of Materials Chemistry</i> , 2012 , 22, 4136-4140		69
192	2,4,5-Triphenylimidazole Nanowires with Fluorescence Narrowing Spectra Prepared through the Adsorbent-Assisted Physical Vapor Deposition Method. <i>Chemistry of Materials</i> , 2006 , 18, 2302-2306	9.6	68
191	Circularly Polarized Luminescence from Achiral Single Crystals of Hybrid Manganese Halides. <i>Journal of the American Chemical Society</i> , 2019 , 141, 15755-15760	16.4	65
190	Highly solid-state emissive pyridinium-substituted tetraphenylethylene salts: emission color-tuning with counter anions and application for optical waveguides. <i>Small</i> , 2015 , 11, 1335-44	11	65
189	In Situ Visualization of Assembly and Photonic Signal Processing in a Triplet Light-Harvesting Nanosystem. <i>Journal of the American Chemical Society</i> , 2018 , 140, 4269-4278	16.4	64
188	Recent advances in organic one-dimensional composite materials: design, construction, and photonic elements for information processing. <i>Advanced Materials</i> , 2013 , 25, 3627-38	24	63
187	Ionic liquids for absorption and separation of gases: An extensive database and a systematic screening method. <i>AIChE Journal</i> , 2017 , 63, 1353-1367	3.6	62
186	Self-modulated white light outcoupling in doped organic nanowire waveguides via the fluctuations of singlet and triplet excitons during propagation. <i>Advanced Materials</i> , 2011 , 23, 1380-4	24	62
185	Heteroepitaxial Growth of Multiblock Ln-MOF Microrods for Photonic Barcodes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 13803-13807	16.4	61
184	Switch from intra- to intermolecular H-bonds by ultrasound: induced gelation and distinct nanoscale morphologies. <i>Langmuir</i> , 2008 , 24, 7635-8	4	60
183	Optical modulation based on direct photon-plasmon coupling in organic/metal nanowire heterojunctions. <i>Advanced Materials</i> , 2012 , 24, 5681-6	24	58
182	Flat-Panel Laser Displays Based on Liquid Crystal Microlaser Arrays. <i>CCS Chemistry</i> , 2020 , 2, 369-375	7.2	57
181	Electrogenerated chemiluminescence of metal-organic complex nanowires: reduced graphene oxide enhancement and biosensing application. <i>Advanced Materials</i> , 2012 , 24, 4745-9	24	55
180	Tetrahydro[5]helicene-based full-color emission dyes in both solution and solid states: synthesis, structures, photophysical properties and optical waveguide applications. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 8373-8380	7.1	54
179	One-dimensional organic photonic heterostructures: rational construction and spatial engineering of excitonic emission. <i>Advanced Materials</i> , 2012 , 24, 1703-8	24	54

178	Controlled synthesis of organic nanophotonic materials with specific structures and compositions. <i>Advanced Materials</i> , 2014 , 26, 6852-70	24	53
177	Dual-Wavelength Switchable Vibronic Lasing in Single-Crystal Organic Microdisks. <i>Nano Letters</i> , 2017 , 17, 91-96	11.5	51
176	Switchable Single-Mode Perovskite Microlasers Modulated by Responsive Organic Microdisks. <i>Nano Letters</i> , 2018 , 18, 1241-1245	11.5	50
175	Tuning the Solid State Emission of the Carbazole and Cyano-Substituted Tetraphenylethylene by Co-Crystallization with Solvents. <i>Small</i> , 2016 , 12, 6554-6561	11	49
174	Manipulation of light flows in organic color-graded microstructures towards integrated photonic heterojunction devices. <i>Advanced Materials</i> , 2013 , 25, 2854-9	24	49
173	Organic composite nanomaterials: energy transfers and tunable luminescent behaviors. <i>New Journal of Chemistry</i> , 2011 , 35, 973	3.6	48
172	1,6- and 2,7-trans-EStyryl Substituted Pyrenes Exhibiting Both Emissive and Semiconducting Properties in the Solid State. <i>Chemistry of Materials</i> , 2017 , 29, 3580-3588	9.6	47
171	Photoluminescent Anisotropy Amplification in Polymorphic Organic Nanocrystals by Light-Harvesting Energy Transfer. <i>Journal of the American Chemical Society</i> , 2019 , 141, 6157-6161	16.4	47
170	Controlling the Structures and Photonic Properties of Organic Nanomaterials by Molecular Design. <i>Angewandte Chemie</i> , 2013 , 125, 8875-8879	3.6	47
169	Two-Dimensional Pyramid-like WS Layered Structures for Highly Efficient Edge Second-Harmonic Generation. <i>ACS Nano</i> , 2018 , 12, 689-696	16.7	46
168	Frontiers in circularly polarized luminescence: molecular design, self-assembly, nanomaterials, and applications. <i>Science China Chemistry</i> , 2021 , 64, 2060	7.9	46
167	Organic core-shell nanostructures: microemulsion synthesis and upconverted emission. <i>Chemical Communications</i> , 2010 , 46, 4959-61	5.8	44
166	Self-Assembled Organic Crystalline Microrings as Active Whispering-Gallery-Mode Optical Resonators. <i>Advanced Optical Materials</i> , 2013 , 1, 357-361	8.1	41
165	Covert Photonic Barcodes Based on Light Controlled Acidochromism in Organic Dye Doped Whispering-Gallery-Mode Microdisks. <i>Advanced Materials</i> , 2017 , 29, 1701558	24	40
164	Synthesis and applications of organic nanorods, nanowires and nanotubes. <i>Annual Reports on the Progress of Chemistry Section C</i> , 2013 , 109, 211		40
163	Fabrication, structural characterization and photoluminescence of single-crystal Zn(x)Cd(1-x)S zigzag nanowires. <i>Nanotechnology</i> , 2006 , 17, 4644-9	3.4	40
162	Hexaphenylbenzene-Based, EConjugated Snowflake-Shaped Luminophores: Tunable Aggregation-Induced Emission Effect and Piezofluorochromism. <i>Chemistry - A European Journal</i> , 2015 , 21, 8504-10	4.8	39
161	Controllable Growth of High-Quality Inorganic Perovskite Microplate Arrays for Functional Optoelectronics. <i>Advanced Materials</i> , 2020 , 32, e1908006	24	39

160	Asymmetric photon transport in organic semiconductor nanowires through electrically controlled exciton diffusion. <i>Science Advances</i> , 2018 , 4, eaap9861	14.3	39
159	Starch-Based Biological Microlasers. <i>ACS Nano</i> , 2017 , 11, 597-602	16.7	38
158	Tailoring the structures and compositions of one-dimensional organic nanomaterials towards chemical sensing applications. <i>Chemical Science</i> , 2014 , 5, 52-57	9.4	38
157	Organic Microcrystal Vibronic Lasers with Full-Spectrum Tunable Output beyond the Franck-Condon Principle. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 3108-3112	16.4	37
156	All-Color Subwavelength Output of Organic Flexible Microlasers. <i>Journal of the American Chemical Society</i> , 2017 , 139, 11329-11332	16.4	37
155	Orientation-Controlled 2D Anisotropic and Isotropic Photon Transport in Co-crystal Polymorph Microplates. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 4456-4463	16.4	37
154	Spatially Responsive Multicolor Lanthanide-MOF Heterostructures for Covert Photonic Barcodes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 19060-19064	16.4	37
153	Lanthanide Metal-Organic Framework Microrods: Colored Optical Waveguides and Chiral Polarized Emission. <i>Angewandte Chemie</i> , 2017 , 129, 7961-7965	3.6	36
152	Organic Janus Microspheres: A General Approach to All-Color Dual-Wavelength Microlasers. <i>Journal of the American Chemical Society</i> , 2019 , 141, 5116-5120	16.4	36
151	Tailoring the self-assembled structures and photonic properties of organic nanomaterials. <i>Nanoscale</i> , 2014 , 6, 3467-73	7.7	36
150	Embedded branch-like organic/metal nanowire heterostructures: liquid-phase synthesis, efficient photon-plasmon coupling, and optical signal manipulation. <i>Advanced Materials</i> , 2013 , 25, 2784-8	24	36
149	Organic nanocrystals with tunable morphologies and optical properties prepared through a sonication technique. <i>Physical Chemistry Chemical Physics</i> , 2006 , 8, 3300-3	3.6	35
148	Controlling growth of molecular crystal aggregates for efficient optical waveguides. <i>Chemical Communications</i> , 2012 , 48, 9011-3	5.8	34
147	Solid-state fluorescent materials based on coumarin derivatives: polymorphism, stimuli-responsive emission, self-assembly and optical waveguides. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 910-916	7.8	33
146	Construction of Nanowire Heterojunctions: Photonic Function-Oriented Nanoarchitectonics. <i>Advanced Materials</i> , 2016 , 28, 1319-26	24	33
145	Stimulated Emission-Controlled Photonic Transistor on a Single Organic Triblock Nanowire. <i>Journal of the American Chemical Society</i> , 2018 , 140, 13147-13150	16.4	33
144	Proton-Controlled Organic Microlaser Switch. <i>ACS Nano</i> , 2018 , 12, 5734-5740	16.7	33
143	Wettability-Guided Screen Printing of Perovskite Microlaser Arrays for Current-Driven Displays. <i>Advanced Materials</i> , 2020 , 32, e2001999	24	32

142	Low-Threshold Wavelength-Switchable Organic Nanowire Lasers Based on Excited-State Intramolecular Proton Transfer. <i>Angewandte Chemie</i> , 2015 , 127, 7231-7235	3.6	32
141	Constructing small molecular AIE luminophores through a 2,2-(2,2-diphenylethene-1,1-diyl)dithiophene core and peripheral triphenylamine with applications in piezofluorochromism, optical waveguides, and explosive detection. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 8407-8415	7.1	32
140	Host-guest composite organic microlasers. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 5600-5609	7.1	31
139	Excimer Emission in Self-Assembled Organic Spherical Microstructures: An Effective Approach to Wavelength Switchable Microlasers. <i>Advanced Optical Materials</i> , 2016 , 4, 1009-1014	8.1	31
138	Lanthanide MOFs for inducing molecular chirality of achiral stilbazolium with strong circularly polarized luminescence and efficient energy transfer for color tuning. <i>Chemical Science</i> , 2020 , 11, 9154-9161	9.4	31
137	Controlled assembly of organic whispering-gallery-mode microlasers as highly sensitive chemical vapor sensors. <i>Chemical Communications</i> , 2017 , 53, 3102-3105	5.8	30
136	Organic Printed Core-Shell Heterostructure Arrays: A Universal Approach to All-Color Laser Display Panels. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 11814-11818	16.4	30
135	Recent Advances in Micro-/Nanostructured Metal-Organic Frameworks towards Photonic and Electronic Applications. <i>Chemistry - A European Journal</i> , 2018 , 24, 6484-6493	4.8	30
134	Surface tension driven aggregation of organic nanowires via lab in a droplet. <i>Nanoscale</i> , 2018 , 10, 11006-11012	7.1	30
133	Polymorph-Dependent Electrogenerated Chemiluminescence of Low-Dimensional Organic Semiconductor Structures for Sensing. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 8891-8899	9.5	29
132	Hydrogen Sulfide Solubility in Ionic Liquids (ILs): An Extensive Database and a New ELM Model Mainly Established by Imidazolium-Based ILs. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 3970-3978	2.8	29
131	Detection of chemical vapors with tunable emission of binary organic nanobelts. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 12935-8	3.6	29
130	Optical wavelength filters based on photonic confinement in semiconductor nanowire homojunctions. <i>Advanced Materials</i> , 2014 , 26, 620-4, 663	24	28
129	Exciton Polaritons in 1D Organic Nanocrystals. <i>Advanced Functional Materials</i> , 2012 , 22, 1330-1332	15.6	28
128	Modulation of a fluorescence switch based on photochromic spirooxazine in composite organic nanoparticles. <i>Nanotechnology</i> , 2007 , 18, 145707	3.4	28
127	Steric-Hindrance-Controlled Laser Switch Based on Pure Metal-Organic Framework Microcrystals. <i>Journal of the American Chemical Society</i> , 2019 , 141, 19959-19963	16.4	28
126	Suppressing Nonradiative Processes of Organic Dye with Metal-Organic Framework Encapsulation toward Near-Infrared Solid-State Microlasers. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 35455-35461	9.5	27
125	Solvent modulated excited state processes of push-pull molecule with hybridized local excitation and intramolecular charge transfer character. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 3894-3902	3.6	26

124	Arylacetylene-substituted naphthalene diimides with dual functions: optical waveguides and n-type semiconductors. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 3207-14	4.5	26
123	Development of benzylidene-methyloxazolone based AIEgens and decipherment of their working mechanism. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 7191-7199	7.1	26
122	Tuning Growth of Low-Dimensional Organic Nanostructures for Efficient Optical Waveguide Applications. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 14134-14138	3.8	26
121	Controlled synthesis of bulk polymer nanocomposites with tunable second order nonlinear optical properties. <i>Advanced Materials</i> , 2012 , 24, 2249-53	24	25
120	Experimentally Observed Reverse Intersystem Crossing-Boosted Lasing. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 21677-21682	16.4	25
119	Lead-free thermochromic perovskites with tunable transition temperatures for smart window applications. <i>Science China Chemistry</i> , 2019 , 62, 1257-1262	7.9	24
118	Estimation of Heat Capacity of Ionic Liquids Using Self-profile Molecular Descriptors. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 12987-12992	3.9	24
117	An Optically Reconfigurable Förster Resonance Energy Transfer Process for Broadband Switchable Organic Single-Mode Microlasers. <i>CCS Chemistry</i> , 624-632	7.2	24
116	Tailoring the Energy Levels and Cavity Structures toward Organic Cocrystal Microlasers. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 42740-42746	9.5	24
115	A flavone-based turn-on fluorescent probe for intracellular cysteine/homocysteine sensing with high selectivity. <i>Talanta</i> , 2016 , 146, 41-8	6.2	23
114	Exciton funneling in light-harvesting organic semiconductor microcrystals for wavelength-tunable lasers. <i>Science Advances</i> , 2019 , 5, eaaw2953	14.3	23
113	3D Laser Displays Based on Circularly Polarized Lasing from Cholesteric Liquid Crystal Arrays. <i>Advanced Materials</i> , 2021 , 33, e2104418	24	23
112	Efficient triphenylamine-based polymorphs with different mechanochromism and lasing emission: manipulating molecular packing and intermolecular interactions. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 4434-4440	7.1	22
111	A Photoisomerization-Activated Intramolecular Charge-Transfer Process for Broadband-Tunable Single-Mode Microlasers. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 15992-15996	16.4	22
110	Organic nanophotonic materials: the relationship between excited-state processes and photonic performances. <i>Chemical Communications</i> , 2016 , 52, 8906-17	5.8	21
109	An Aggregation-Induced Emission Luminogen with Efficient Luminescent Mechanochromism and Optical Waveguiding Properties. <i>Asian Journal of Organic Chemistry</i> , 2014 , 3, 118-121	3	21
108	"H"-like Organic Nanowire Heterojunctions Constructed from Cooperative Molecular Assembly for Photonic Applications. <i>Advanced Science</i> , 2015 , 2, 1500130	13.6	21
107	Photoluminescence quenching of conjugated polymer nanocomposites for gamma ray detection. <i>Nanotechnology</i> , 2008 , 19, 505503	3.4	21

106	Epitaxial growth of dual-color-emitting organic heterostructures via binary solvent synergism driven sequential crystallization. <i>Nanoscale</i> , 2019 , 11, 7111-7116	7.7	20
105	Electrogenerated upconverted emission from doped organic nanowires. <i>Chemical Communications</i> , 2012 , 48, 85-7	5.8	20
104	Hybrid Top-Down/Bottom-Up Strategy Using Superwettability for the Fabrication of Patterned Colloidal Assembly. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 4985-93	9.5	19
103	Supramolecular Polymer-Based Fluorescent Microfibers for Switchable Optical Waveguides. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 26526-26532	9.5	19
102	One-Dimensional Dielectric/Metallic Hybrid Materials for Photonic Applications. <i>Small</i> , 2015 , 11, 3728-431	11	19
101	Photonic skins based on flexible organic microlaser arrays. <i>Science Advances</i> , 2021 , 7,	14.3	19
100	Fluorescence resonance energy transfer in conjugated polymer composites for radiation detection. <i>Physical Chemistry Chemical Physics</i> , 2008 , 10, 1848-51	3.6	18
99	Heteroepitaxial Growth of Multiblock Ln-MOF Microrods for Photonic Barcodes. <i>Angewandte Chemie</i> , 2019 , 131, 13941-13945	3.6	17
98	Smart responsive organic microlasers with multiple emission states for high-security optical encryption. <i>National Science Review</i> , 2021 , 8, nwa162	10.8	17
97	Rational Design, Controlled Fabrication, and Photonic Applications of Organic Composite Nanomaterials. <i>Advanced Optical Materials</i> , 2018 , 6, 1701193	8.1	16
96	Metal-organic framework microlasers. <i>Science Bulletin</i> , 2017 , 62, 3-4	10.6	15
95	Pure Metal-Organic Framework Microlasers with Controlled Cavity Shapes. <i>Nano Letters</i> , 2020 , 20, 2020-2035	10.5	15
94	Controlled Assembly of Organic Composite Microdisk/Microwire Heterostructures for Output Coupling of Dual-Color Lasers. <i>Advanced Optical Materials</i> , 2018 , 6, 1701077	8.1	15
93	Engineering Donor-Acceptor Heterostructure Metal-Organic Framework Crystals for Photonic Logic Computation. <i>Angewandte Chemie</i> , 2019 , 131, 14028-14034	3.6	15
92	Superkinetic Growth of Oval Organic Semiconductor Microcrystals for Chaotic Lasing. <i>Advanced Materials</i> , 2021 , 33, e2100484	24	15
91	Controlling the Output of Organic Micro/Nanolasers. <i>Advanced Optical Materials</i> , 2019 , 7, 1900037	8.1	14
90	Dual-wavelength lasing from organic dye encapsulated metal-organic framework microcrystals. <i>Chemical Communications</i> , 2019 , 55, 3445-3448	5.8	14
89	Organic Microcrystal Vibronic Lasers with Full-Spectrum Tunable Output beyond the Franck-Condon Principle. <i>Angewandte Chemie</i> , 2018 , 130, 3162-3166	3.6	14

88	Wavelength-Controlled Organic Microlasers Based on Polymorphism-Dependent Intramolecular Charge-Transfer Process. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 2656-2661	4.5	14
87	Tuneable red, green, and blue single-mode lasing in heterogeneously coupled organic spherical microcavities. <i>Light: Science and Applications</i> , 2020 , 9, 151	16.7	14
86	Controlled Outcoupling of Whispering-Gallery-Mode Lasers Based on Self-Assembled Organic Single-Crystalline Microrings. <i>Nano Letters</i> , 2019 , 19, 1098-1103	11.5	14
85	Tailoring the structures and photonic properties of low-dimensional organic materials by crystal engineering. <i>Nanoscale</i> , 2018 , 10, 4680-4685	7.7	13
84	Core-shell nanopillars of fullerene C60/C70 loading with colloidal Au nanoparticles: a Raman scattering investigation. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 9612-6	2.8	13
83	Hybrid Three-Dimensional Spiral WSe Plasmonic Structures for Highly Efficient Second-Order Nonlinear Parametric Processes. <i>Research</i> , 2018 , 2018, 4164029	7.8	13
82	Organic micro/nanoscale materials for photonic barcodes. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 2776-2782	8.2	13
81	A Universal In Situ Cross-Linking Strategy Enables Orthogonal Processing of Full-Color Organic Microlaser Arrays. <i>Advanced Functional Materials</i> , 2021 , 31, 2103031	15.6	13
80	Orientation-Controlled 2D Anisotropic and Isotropic Photon Transport in Co-crystal Polymorph Microplates. <i>Angewandte Chemie</i> , 2020 , 132, 4486-4493	3.6	12
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