Yi-ping Cui

List of Publications by Year in Descending Order

269 papers	5,095 citations	38 h-index	62 g-index
285 ext. papers	6,072 ext. citations	5.2 avg, IF	5.94 L-index

#	Paper	IF	Citations
269	Photonic generation of broadband linearly chirped microwave waveform based on a low-loss silicon on-chip spectral shaper.. *Optics Letters*, **2022**, 47, 1077-1080	3	0
268	Surface-Enhanced Circular Dichroism by Localized Superchiral Hotspots in a Dielectric Dimer Array Metasurface. *Journal of Physical Chemistry C*, **2022**, 126, 2199-2206	3.8	1
267	Valley-dependent Topological Photonic Crystals with Heterogeneous Bearded Interfaces for SOI-based Integrated Optical Devices. *Journal of Lightwave Technology*, **2022**, 1-1	4	
266	Fano resonance in directly coupled microresonators and its high-sensitivity refractometric sensing. *IEEE Photonics Technology Letters*, **2022**, 1-1	2.2	0
265	A plasmon modulator by directly controlling the couple of photon and electron.. *Scientific Reports*, **2022**, 12, 5229	4.9	
264	Triple-color fluorescence co-localization of PD-L1-overexpressing cancer exosomes.. *Mikrochimica Acta*, **2022**, 189, 182	5.8	0
263	Improving performance of silicon thermo-optic switch by combing spiral phase shifter and optimized pulse driving. *IEEE Photonics Journal*, **2022**, 1-1	1.8	1
262	Ultralow Threshold Room Temperature Polariton Condensation in Colloidal CdSe/CdS Core/Shell Nanoplatelets.. *Advanced Science*, **2022**, e2200395	13.6	1
261	Degradation behaviors of photoelectrical properties of mixed cation perovskite solar cells under equivalent 1 MeV electron irradiation. *Journal Physics D: Applied Physics*, **2021**, 54, 065103	3	
260	A Narrow-Linewidth Optical Parametric Oscillator Inserted with Fabry□Perot Etalon. *Photonics*, **2021**, 8, 528	2.2	
259	A TiN MXene-based nanosystem with ultrahigh drug loading for dual-strategy synergistic oncotherapy. *Nanoscale*, **2021**, 13, 18546-18557	7.7	3
258	Silicon-assisted surface enhanced fluorescence toward improved assay performances. *Nanotechnology*, **2021**, 32, 125201	3.4	1
257	Simultaneous detection of multiple exosomal microRNAs for exosome screening based on rolling circle amplification. *Nanotechnology*, **2021**, 32, 085504	3.4	4
256	Dual-Labeled Graphene Quantum Dot-Based F□ster Resonance Energy Transfer Nanoprobes for Single-Molecule Localization Microscopy. *ACS Omega*, **2021**, 6, 8808-8815	3.9	2
255	Lead-free p-type Mn:Cs3Cu2I5 perovskite with tunable dual-color emission through room-temperature grinding method. *Journal of Materials Science*, **2021**, 56, 12326-12335	4.3	1
254	Enhanced Multiexciton Emission Property in Gradient Alloy Core/Shell CdZnSeS/ZnS Quantum Dots: Balance between Surface Passivation and Strain-Induced Lattice Defect. *Journal of Physical Chemistry C*, **2021**, 125, 10759-10767	3.8	3
253	Influence of plasmonic resonant wavelength on energy transfer from an InGaN quantum well to quantum dots. *Applied Physics Letters*, **2021**, 118, 202103	3.4	1

252	Enhanced circular dichroism of sparse nanoobjects by localized superchiral optical field. *Journal of Optics (United Kingdom)*, **2021**, 23, 065002	1.7	2
251	Ultra-sensitive surface enhanced Raman spectroscopy sensor for in-situ monitoring of dopamine release using zipper-like ortho-nanodimers. *Biosensors and Bioelectronics*, **2021**, 180, 113100	11.8	5
250	Phase-change metasurface with tunable and switchable circular dichroism. *Optics Letters*, **2021**, 46, 2525-2528	3	16
249	Investigation of optical properties for N- and F-doped triangular shaped carbon molecules. *Journal of Molecular Modeling*, **2021**, 27, 154	2	0
248	A wideband 1⁄4 optical beam-forming chip based on switchable optical delay lines for Ka-band phased array. *Optics Communications*, **2021**, 488, 126842	2	4
247	Bi and Sb Codoped CsAgNaInCl Double Perovskite with Excitation-Wavelength-Dependent Dual-Emission for Anti-Counterfeiting Application. *ACS Applied Materials & Interfaces*, **2021**, 13, 31031-31037	9.5	19
246	Impact of composite last quantum barrier on the performance of AlGaN-based deep ultraviolet light-emitting diode. *Journal of Materials Science: Materials in Electronics*, **2021**, 32, 18138-18144	2.1	0
245	Au/Ag Bimetallic Nanocuboid Superlattices Coated with Ti3C2 Nanosheets for Surface-Enhanced Raman Spectroscopy Detection of Fish Drug Residues in Pond Water. *ACS Applied Nano Materials*, **2021**, 4, 6844-6851	5.6	3
244	In Situ-Prepared Attachable Transparent Luminescent Solar Concentrators for Photovoltaic with Polymer Antireflection/Barrier Layer. *Solar Rrl*, **2021**, 5, 2100491	7.1	0
243	TiCT MXene-Loaded 3D Substrate toward On-Chip Multi-Gas Sensing with Surface-Enhanced Raman Spectroscopy (SERS) Barcode Readout. *ACS Nano*, **2021**,	16.7	10
242	Integrated Multi-Functional Optical Filter Based on a Self-Coupled Microring Resonator Assisted MZI Structure. *Journal of Lightwave Technology*, **2021**, 39, 1429-1437	4	2
241	DNA-assisted synthesis of Ortho-NanoDimer with sub-nanoscale controllable gap for SERS application. *Biosensors and Bioelectronics*, **2021**, 172, 112769	11.8	4
240	Peroxidase-like recyclable SERS probe for the detection and elimination of cationic dyes in pond water. *Journal of Hazardous Materials*, **2021**, 408, 124426	12.8	15
239	Nano-particle transport and the prediction of a valid area to be trapped based on a plasmonic antenna array.. *RSC Advances*, **2021**, 11, 12102-12106	3.7	0
238	A straightforward and sensitive "ON-OFF" fluorescence immunoassay based on silicon-assisted surface enhanced fluorescence.. *RSC Advances*, **2021**, 11, 7723-7731	3.7	1
237	Eliminating nonspecific binding sites for highly reliable immunoassay via super-resolution multicolor fluorescence colocalization. *Nanoscale*, **2021**, 13, 6624-6634	7.7	2
236	Fano Resonance Ion Sensor Enabled by 2D Plasmonic Sub-Nanopores-Material. *IEEE Sensors Journal*, **2021**, 1-1	4	2
235	Large Group Delay in Silicon-on-Insulator Chirped Spiral Bragg Grating Waveguide. *IEEE Photonics Journal*, **2021**, 1-1	1.8	2

234	Ultrasmall silica nanospheres based blinking nanoprobes for optical super resolution imaging. *Optical Materials*, **2021**, 112, 110799	3.3	1
233	Achievement of polarity reversion from Al(Ga)-polar to N-polar for AlGaN film on AlN seeding layer grown by a novel flow-modulation technology. *Journal of Materials Science: Materials in Electronics*, **2021**, 32, 7858-7866	2.1	1
232	Manipulating valley-polarized photoluminescence of MoS2 monolayer at off resonance wavelength with a double-resonance strategy. *Applied Physics Letters*, **2021**, 119, 031106	3.4	2
231	Effect of NH3-flow modulation on the morphological properties of nonpolar a-plane AlGaN epilayers. *Superlattices and Microstructures*, **2021**, 159, 107045	2.8	1
230	Ultrasonically-prepared copper-doped cesium halide nanocrystals with bright and stable emission. *Nanoscale*, **2021**, 13, 9659-9667	7.7	1
229	Polarization rotation and singularity evolution of fundamental Poincar□beams through anisotropic Kerr nonlinearities. *Journal of Optics (United Kingdom)*, **2020**, 22, 085501	1.7	2
228	Hydrophobic Plasmonic Nanoacorn Array for a Label-Free and Uniform SERS-Based Biomolecular Assay. *ACS Applied Materials & Interfaces*, **2020**, 12, 29917-29927	9.5	9
227	Improvement in structural and electrical characteristics of nonpolar a-plane Si-doped n-AlGaN. *Journal of Materials Science*, **2020**, 55, 12022-12030	4.3	2
226	Quaternary-Ammonium-Modulated Surface-Enhanced Raman Spectroscopy Effect: Discovery, Mechanism, and Application for Highly Sensitive Sensing of Acetylcholine. *Analytical Chemistry*, **2020**, 92, 9706-9713	7.8	0
225	A Microwave Frequency Measurement System Based on Si3N4 Ring-Assisted Mach-Zehnder Interferometer. *IEEE Photonics Journal*, **2020**, 12, 1-13	1.8	2
224	A simple multiple centrifugation method for large-area homogeneous perovskite CsPbBr films with optical lasing.. *RSC Advances*, **2020**, 10, 25480-25486	3.7	3
223	Characterization of optical properties and thermo-optic effect for non-polar AlGaN thin films using spectroscopic ellipsometry. *Journal Physics D: Applied Physics*, **2020**, 53, 205104	3	3
222	An online pH detection system based on a microfluidic chip. *Analytica Chimica Acta*, **2020**, 1106, 71-78	6.6	8
221	Theoretical investigation on bond and spectrum of cyclo[18] carbon (C) with sp-hybridized. *Journal of Molecular Modeling*, **2020**, 26, 111	2	4
220	Anisotropic two-photon absorbers measured by the Z-scan technique and its application in laser beam shaping. *Journal of the Optical Society of America B: Optical Physics*, **2020**, 37, 756	1.7	3
219	Enantioselective optical trapping of chiral nanoparticles using a transverse optical needle field with a transverse spin. *Optics Express*, **2020**, 28, 27808-27822	3.3	10
218	Synthesis of Mn-doped CsPbClxBr3□ perovskite nanocrystals using ultrasonic irradiation-promoted with decrease of reaction order. *Nano Express*, **2020**, 1, 010056	2	
217	A high-precision, template-assisted, anisotropic wet etching method for fabricating perovskite microstructure arrays.. *RSC Advances*, **2020**, 10, 38220-38226	3.7	3

216	Improving power conversion efficiency in luminescent solar concentrators using nanoparticle fluorescence and scattering. *Nanotechnology*, **2020**, 31, 455205	3.4	3
215	Highly efficient and controllable photoluminescence emission on a suspended MoS-based plasmonic grating. *Nanotechnology*, **2020**, 31, 505201	3.4	2
214	High perovskite-to-manganese energy transfer efficiency in single-component white-emitting Mn-doped halide perovskite quantum dots. *Journal of Materials Science*, **2020**, 55, 2984-2993	4.3	3
213	In Situ Visualization and SERS Monitoring of the Interaction between Tumor and Endothelial Cells Using 3D Microfluidic Networks. *ACS Sensors*, **2020**, 5, 208-216	9.2	7
212	Low-Threshold Amplified Spontaneous Emission and Lasing from Thick-Shell CdSe/CdS Core/Shell Nanoplatelets Enabled by High-Temperature Growth. *Advanced Optical Materials*, **2020**, 8, 1901615	8.1	11
211	Array-Assisted SERS Microfluidic Chips for Highly Sensitive and Multiplex Gas Sensing. *ACS Applied Materials & Interfaces*, **2020**, 12, 1395-1403	9.5	41
210	Stable white photoluminescence from Mn-contained organic lead bromide perovskite ring arrays formed from 2D colloidal crystal templates. *New Journal of Chemistry*, **2020**, 44, 13619-13625	3.6	2
209	Preparation of Ag@ZnO core□shell nanostructures by liquid-phase laser ablation and investigation of their femtosecond nonlinear optical properties. *Applied Physics B: Lasers and Optics*, **2020**, 126, 1	1.9	5
208	A SERS-colorimetric dual-mode aptasensor for the detection of cancer biomarker MUC1. *Analytical and Bioanalytical Chemistry*, **2020**, 412, 5707-5718	4.4	17
207	SERS-fluorescence-superresolution triple-mode nanoprobe based on surface enhanced Raman scattering and surface enhanced fluorescence. *Journal of Materials Chemistry B*, **2020**, 8, 8459-8466	7.3	3
206	Carbon-based fully printable self-powered ultraviolet perovskite photodetector: Manganese-assisted electron transfer and enhanced photocurrent. *Nanomaterials and Nanotechnology*, **2020**, 10, 184798042092567	2.9	4
205	A High-Performance Microwave Photonic Phase Shifter Based on Cascaded Silicon Nitride Microrings. *IEEE Photonics Technology Letters*, **2020**, 32, 1265-1268	2.2	2
204	Profiling of Exosomal Biomarkers for Accurate Cancer Identification: Combining DNA-PAINT with Machine- Learning-Based Classification. *Small*, **2019**, 15, e1901014	11	32
203	Manipulating "Hot Spots" from Nanometer to Angstrom: Toward Understanding Integrated Contributions of Molecule Number and Gap Size for Ultrasensitive Surface-Enhanced Raman Scattering Detection. *ACS Applied Materials & Interfaces*, **2019**, 11, 39359-39368	9.5	14
202	Black Phosphorus-Based Drug Nanocarrier for Targeted and Synergetic Chemophotothermal Therapy of Acute Lymphoblastic Leukemia. *ACS Applied Materials & Interfaces*, **2019**, 11, 5896-5902	9.5	33
201	SERS-based dynamic monitoring of minimal residual disease markers with high sensitivity for clinical applications. *Nanoscale*, **2019**, 11, 2460-2467	7.7	11
200	Optical pulling forces on Rayleigh particles using ambient optical nonlinearity. *Nanophotonics*, **2019**, 8, 1117-1124	6.3	7
199	Enhanced hole concentration and improved surface morphology for nonpolar a-plane p-type AlGaN/GaN superlattices grown with indium-surfactant. *Superlattices and Microstructures*, **2019**, 130, 396-400	2.8	3

198	Quantum-confined stark effect in the ensemble of phase-pure CdSe/CdS quantum dots. *Nanoscale*, **2019**, 11, 12619-12625	7.7	13
197	Conservation of the spin angular momentum in second-harmonic generation with elliptically polarized vortex beams. *Applied Physics Letters*, **2019**, 114, 101101	3.4	5
196	A SERS fiber probe fabricated by layer-by-layer assembly of silver sphere nanoparticles and nanorods with a greatly enhanced sensitivity for remote sensing. *Nanotechnology*, **2019**, 30, 255503	3.4	11
195	Design and Optimization of a Graphene Modulator Based on Hybrid Plasmonic Waveguide with Double Low-Index Slots. *Plasmonics*, **2019**, 14, 133-138	2.4	9
194	Selectively enhanced Raman scattering with triple-resonance nanohole arrays. *Optics Communications*, **2019**, 452, 494-498	2	4
193	A Compact Graphene Modulator Based on Localized Surface Plasmon Resonance with a Chain of Metal Disks. *Plasmonics*, **2019**, 14, 1949-1954	2.4	7
192	Optical Beamformer Based on Diffraction Order Multiplexing (DOM) of an Arrayed Waveguide Grating. *Journal of Lightwave Technology*, **2019**, 37, 2898-2904	4	9
191	A Seven Bit Silicon Optical True Time Delay Line for Ka-Band Phased Array Antenna. *IEEE Photonics Journal*, **2019**, 11, 1-9	1.8	13
190	A Stopband and Passband Switchable Microwave Photonic Filter Based on Integrated Dual Ring Coupled Mach□Zehnder Interferometer. *IEEE Photonics Journal*, **2019**, 11, 1-8	1.8	6
189	Lead Halide Perovskite Nanocrystals-Phospholipid Micelles and Their Biological Applications: Multiplex Cellular Imaging and in Vitro Tumor Targeting. *ACS Applied Materials & Interfaces*, **2019**, 11, 47671-47679	9.5	26
188	A Tunable Optical Delay Line Based on Cascaded Silicon Nitride Microrings for Ka-Band Beamforming. *IEEE Photonics Journal*, **2019**, 11, 1-10	1.8	10
187	Anisotropic nonlinear Kerr media: Z-scan characterization and interaction with hybridly polarized beams. *Optics Express*, **2019**, 27, 13845-13857	3.3	7
186	Computational and experimental studies on third-order optical nonlinearities of novel D-□A-□A type chalcone derivatives: (1E,4E)-1-(4-substituted)-5-phenylpenta-1,4-dien-3-one. *Journal of Nonlinear Optical Physics and Materials*, **2019**, 28, 1950024	0.8	3
185	Implementation of a Highly-Sensitive and Wide-Range Frequency Measurement Using a Si3N4 MDR-Based Optoelectronic Oscillator. *IEEE Photonics Journal*, **2019**, 11, 1-8	1.8	1
184	Performances of Microwave Photonic Notch Filter Based on Microring Resonator With Dual-Drive Modulator. *IEEE Photonics Journal*, **2019**, 11, 1-13	1.8	10
183	Super blinking and biocompatible nanoprobes based on dye doped BSA nanoparticles for super resolution imaging. *Nanotechnology*, **2019**, 30, 065701	3.4	5
182	Enhanced structural and electrical properties of nonpolar a-plane p-type AlGaN/GaN superlattices. *Superlattices and Microstructures*, **2019**, 125, 310-314	2.8	0
181	Single-channel UV/vis dual-band detection with ZnCdS:Mn/ZnS core/shell quantum dots. *Nanotechnology*, **2019**, 30, 075501	3.4	4

180	Spontaneous morphology reconfiguration of luminescent CH3NH3PbBr3 perovskites from monodispersed nanocrystals to discontinuous rings by dewetting-triggered solute migration. *Journal of Materials Science*, **2019**, 54, 1248-1254	4.3	1
179	A Hybrid Plasmonic Modulator Based on Graphene on Channel Plasmonic Polariton Waveguide. *Plasmonics*, **2018**, 13, 2029-2035	2.4	13
178	Single molecule localization imaging of telomeres and centromeres using fluorescence in situ hybridization and semiconductor quantum dots. *Nanotechnology*, **2018**, 29, 285602	3.4	2
177	High Internal Quantum Efficiency of Nonpolar a-Plane AlGaN-Based Multiple Quantum Wells Grown on r-Plane Sapphire Substrate. *ACS Photonics*, **2018**, 5, 1903-1906	6.3	24
176	Combining Multiplex SERS Nanovectors and Multivariate Analysis for In Situ Profiling of Circulating Tumor Cell Phenotype Using a Microfluidic Chip. *Small*, **2018**, 14, e1704433	11	58
175	Screening and multiple detection of cancer exosomes using an SERS-based method. *Nanoscale*, **2018**, 10, 9053-9062	7.7	143
174	Mixing enhancement of a novel C-SAR microfluidic mixer. *Chemical Engineering Research and Design* , **2018**, 132, 338-345	5.5	13
173	Gold-carbon dots for the intracellular imaging of cancer-derived exosomes. *Nanotechnology*, **2018**, 29, 175701	3.4	29
172	Enhanced hole concentration in nonpolara-plane p-AlGaN film with multiple-step rapid thermal annealing technique. *Journal Physics D: Applied Physics*, **2018**, 51, 095101	3	4
171	Visualization and intracellular dynamic tracking of exosomes and exosomal miRNAs using single molecule localization microscopy. *Nanoscale*, **2018**, 10, 5154-5162	7.7	28
170	Single molecule localization imaging of exosomes using blinking silicon quantum dots. *Nanotechnology*, **2018**, 29, 065705	3.4	30
169	Post-healing of defects: an alternative way for passivation of carbon-based mesoscopic perovskite solar cells via hydrophobic ligand coordination. *Journal of Materials Chemistry A*, **2018**, 6, 2449-2455	13	52
168	Mixing Assisted "Hot Spots" Occupying SERS Strategy for Highly Sensitive In Situ Study. *Analytical Chemistry*, **2018**, 90, 4535-4543	7.8	19
167	Dendrimer ligands-capped CHNHPbBr perovskite nanocrystals with delayed halide exchange and record stability against both moisture and water. *Nanotechnology*, **2018**, 29, 235603	3.4	6
166	A conjugated BODIPY–triphenylamine multi-aldoxime: Sonogashira coupling, ratiometric chemodosimeter and rapid detection of hypochlorite with two-photon excited fluorescence. *New Journal of Chemistry*, **2018**, 42, 6910-6917	3.6	18
165	Evaluation of Multidrug Resistance of Leukemia Using Surface-Enhanced Raman Scattering Method for Clinical Applications. *ACS Applied Materials & Interfaces*, **2018**, 10, 24999-25005	9.5	7
164	Simultaneous and highly sensitive detection of multiple breast cancer biomarkers in real samples using a SERS microfluidic chip. *Talanta*, **2018**, 188, 507-515	6.2	46
163	Imaging Exosomes using Super Resolution Microscopy. *FASEB Journal*, **2018**, 32, 801.4	0.9	

162	P-Glycoprotein Detection for Multidrug Resistance of Leukemia Using SERS Immunoassay. *Blood*, **2018**, 132, 2218-2218	2.2	
161	Vector beams excited nonlinear optical effects. *Journal of Nonlinear Optical Physics and Materials*, **2018**, 27, 1850045	0.8	3
160	New Insights into the Multiexciton Dynamics in Phase-Pure Thick-Shell CdSe/CdS Quantum Dots. *Journal of Physical Chemistry C*, **2018**, 122, 25059-25066	3.8	7
159	Realization of mid-infrared broadband absorption in monolayer graphene based on strong coupling between graphene nanoribbons and metal tapered grooves. *Optics Express*, **2018**, 26, 29192-29202	3.3	14
158	Investigating the Intracellular Behaviors of Liposomal Nanohybrids SERS: Insights into the Influence of Metal Nanoparticles. *Theranostics*, **2018**, 8, 941-954	12.1	9
157	Effect of surface/interfacial defects on photo-stability of thick-shell CdZnSeS/ZnS quantum dots. *Nanoscale*, **2018**, 10, 18331-18340	7.7	27
156	Size-tunable CsPbBr perovskite ring arrays for lasing. *Nanoscale*, **2018**, 10, 10383-10388	7.7	17
155	Epitaxial growth of semi-polar (11-22) plane AlGaN epi-layers on m-plane (10-10) sapphire substrates. *Physica Status Solidi (A) Applications and Materials Science*, **2017**, 214, 1600802	1.6	5
154	Highly uniform SERS-active microchannel on hydrophobic PDMS: a balance of high reproducibility and sensitivity for detection of proteins. *RSC Advances*, **2017**, 7, 8771-8778	3.7	8
153	Effect of alignment layer on polymer-dispersed liquid crystal random laser. *Journal of Modern Optics*, **2017**, 64, 1429-1434	1.1	5
152	Ultrasonic irradiation-promoted one-pot synthesis of CH3NH3PbBr3 quantum dots without using flammable CH3NH2 precursor. *Materials Research Express*, **2017**, 4, 025038	1.7	7
151	Size-dependent dual emission of Cu,Mn:ZnSe QDs: Controlling both emission wavelength and intensity. *Luminescence*, **2017**, 32, 474-480	2.5	1
150	Configurations and characteristics of boron and B clusters. *Journal of Molecular Modeling*, **2017**, 23, 198	2	2
149	High hole concentration in nonpolar a-plane p-AlGaN films with Mg-delta doping technique. *Superlattices and Microstructures*, **2017**, 109, 880-885	2.8	7
148	Pharmacokinetics-on-a-Chip Using Label-Free SERS Technique for Programmable Dual-Drug Analysis. *ACS Sensors*, **2017**, 2, 773-780	9.2	24
147	SERS-Activated Platforms for Immunoassay: Probes, Encoding Methods, and Applications. *Chemical Reviews*, **2017**, 117, 7910-7963	68.1	332
146	Single-Mode Lasing from "Giant" CdSe/CdS Core-Shell Quantum Dots in Distributed Feedback Structures. *ACS Applied Materials & Interfaces*, **2017**, 9, 13293-13303	9.5	16
145	Study on the Polarization of Random Lasers from Dye-Doped Nematic Liquid Crystals. *Nanoscale Research Letters*, **2017**, 12, 27	5	18

144	Trapping and manipulation of nanoparticles using multifocal optical vortex metalens. *Scientific Reports*, **2017**, 7, 14611	4.9	35
143	Single component Mn-doped perovskite-related CsPbClBr nanoplatelets with a record white light quantum yield of 49%: a new single layer color conversion material for light-emitting diodes. *Nanoscale*, **2017**, 9, 16858-16863	7.7	41
142	Blinking silica nanoparticles for optical super resolution imaging of cancer cells. *RSC Advances*, **2017**, 7, 48738-48744	3.7	4
141	An innovative strategy to obtain extraordinary specificity in immunofluorescent labeling and optical super resolution imaging of microtubules. *RSC Advances*, **2017**, 7, 39977-39988	3.7	3
140	Effects of Mg-doping on characteristics of semi-polar (112 2) plane p-AlGaN films. *Materials Letters*, **2017**, 209, 472-475	3.3	4
139	Plasmonic trapping of nanoparticles by metaholograms. *Scientific Reports*, **2017**, 7, 10552	4.9	3
138	Coherent Random Lasing from Dye Aggregates in Polydimethylsiloxane Thin Films. *ACS Applied Materials & Interfaces*, **2017**, 9, 27232-27238	9.5	16
137	Fano Resonances in Ultracompact Silicon-on-Insulator Compatible Integrated Photonic Plasmonic Hybrid Circuits. *Advanced Optical Materials*, **2017**, 5, 1700304	8.1	2
136	Bright type-II photoluminescence from Mn-doped CdS/ZnSe/ZnS quantum dots with Mn ions as exciton couplers. *Nanoscale*, **2017**, 9, 18281-18289	7.7	11
135	Effect of Cu/In ratio and shell thickness on the photo-stability of CuInS2/ZnS nanocrystals. *Journal of Materials Chemistry C*, **2017**, 5, 12151-12156	7.1	11
134	Indium-surfactant-assisted epitaxial growth of semi-polar (left(11overline{2}2right)) plane Al0.42Ga0.58N films. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 15217-15223	2.1	7
133	Near-infrared BODIPY-based two-photon ClO probe based on thiosemicarbazide desulfurization reaction: naked-eye detection and mitochondrial imaging. *Journal of Materials Chemistry B*, **2017**, 5, 5854-5861	7.3	66
132	Bright and high-photostable inner-Mn-doped core/giant-shell quantum dots. *Superlattices and Microstructures*, **2017**, 111, 665-670	2.8	4
131	Postsynthetic Doping of MnCl Molecules into Preformed CsPbBr Perovskite Nanocrystals via a Halide Exchange-Driven Cation Exchange. *Advanced Materials*, **2017**, 29, 1700095	24	167
130	In situ probing of cell cell communications with surface-enhanced Raman scattering (SERS) nanoprobes and microfluidic networks for screening of immunotherapeutic drugs. *Nano Research*, **2017**, 10, 584-594	10	17
129	The controllable intensity and polarization degree of random laser from sheared dye-doped polymer-dispersed liquid crystal. *Nanophotonics*, **2017**, 7, 473-478	6.3	6
128	Improvement of properties in nonpolar a-plane p-AlGaN films by Mg-delta doping method **2017**,		1
127	A smart two-photon fluorescent platform based on desulfurization cyclization: a phthalimide hodamine chemodosimeter for Hg2+ NIR emission at 746 nm and through-bond energy transfer. *New Journal of Chemistry*, **2017**, 41, 13495-13503	3.6	18

126	pH-sensitive nanocarrier based on gold/silver core-shell nanoparticles decorated multi-walled carbon manotubes for tracing drug release in living cells. *Biosensors and Bioelectronics*, **2016**, 75, 446-51	11.8	44
125	Design and assembly of an aqueous red CdTe QD-LED: major factors to fabricate aqueous QD-LEDs. *RSC Advances*, **2016**, 6, 77963-77967	3.7	4
124	Dual peptides modified fluorescence-SERS dual mode imaging nanoprobes with improved cancer cell targeting efficiency. *RSC Advances*, **2016**, 6, 81046-81052	3.7	9
123	Ultralow-Threshold Single-Mode Lasing from Phase-Pure CdSe/CdS Core/Shell Quantum Dots. *Journal of Physical Chemistry Letters*, **2016**, 7, 4968-4976	6.4	23
122	Detection of orbital angular momentum using a photonic integrated circuit. *Scientific Reports*, **2016**, 6, 28262	4.9	16
121	A FRET based dual emission nanoprobe (FREDEN) with improved blinking behavior for single molecule localization imaging. *Nanoscale*, **2016**, 8, 19110-19119	7.7	12
120	Design and theoretical investigation of a silicon-on-insulator based electro-optical logic gate device. *Optical Engineering*, **2016**, 55, 106111	1.1	
119	Design and Analysis of a Compact SOI-Based Aluminum/Highly Doped p-Type Silicon Hybrid Plasmonic Modulator. *IEEE Photonics Journal*, **2016**, 8, 1-11	1.8	7
118	Facile detection of tumor-derived exosomes using magnetic nanobeads and SERS nanoprobes. *Analytical Methods*, **2016**, 8, 5001-5008	3.2	97
117	Manipulation of Irradiative Defects at MnSe and ZnSe Dopant–Host Interface. *Advanced Functional Materials*, **2016**, 26, 4274-4282	15.6	15
116	Surface Enhanced Raman Scattering Based in Situ Hybridization Strategy for Telomere Length Assessment. *ACS Nano*, **2016**, 10, 2950-9	16.7	21
115	Synthesis of nontoxic Co:CuInS2@ZnS nanocrystals with both fluorescence and room temperature ferromagnetism. *RSC Advances*, **2016**, 6, 19430-19436	3.7	2
114	Fast response and low power consumption 1×2 thermo-optic switch based on dielectric-loaded surface plasmon polariton waveguides. *Journal of Modern Optics*, **2016**, 63, 1354-1363	1.1	8
113	A hardware solution for real-time image acquisition systems based on GigE camera. *Journal of Real-Time Image Processing*, **2016**, 12, 827-834	1.9	3
112	Nonlinear polarization evolution of hybridly polarized vector beams through isotropic Kerr nonlinearities. *Optics Express*, **2016**, 24, 25867-25875	3.3	14
111	Large enhancement of optical limiting effects in anisotropic two-photon absorbers by radially polarized beams. *Journal of the Optical Society of America B: Optical Physics*, **2016**, 33, 2512	1.7	7
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