

# Yi-ping Cui

## List of Publications by Citations

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269  
papers

5,095  
citations

38  
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62  
g-index

285  
ext. papers

6,072  
ext. citations

5.2  
avg. IF

5.94  
L-index

#	Paper	IF	Citations
269	SERS-Activated Platforms for Immunoassay: Probes, Encoding Methods, and Applications. <i>Chemical Reviews</i> , <b>2017</b> , 117, 7910-7963	68.1	332
268	SERS-fluorescence joint spectral encoding using organic-metal-QD hybrid nanoparticles with a huge encoding capacity for high-throughput biodetection: putting theory into practice. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 2993-3000	16.4	182
267	Postsynthetic Doping of MnCl Molecules into Preformed CsPbBr Perovskite Nanocrystals via a Halide Exchange-Driven Cation Exchange. <i>Advanced Materials</i> , <b>2017</b> , 29, 1700095	24	167
266	Screening and multiple detection of cancer exosomes using an SERS-based method. <i>Nanoscale</i> , <b>2018</b> , 10, 9053-9062	7.7	143
265	Intracellular pH sensing using p-aminothiophenol functionalized gold nanorods with low cytotoxicity. <i>Analytical Chemistry</i> , <b>2011</b> , 83, 4178-83	7.8	133
264	SERS detection and removal of mercury(II)/silver(I) using oligonucleotide-functionalized core/shell magnetic silica sphere@Au nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 7371-9	9.5	128
263	Highly sensitive immunoassay based on Raman reporter-labeled immuno-Au aggregates and SERS-active immune substrate. <i>Biosensors and Bioelectronics</i> , <b>2009</b> , 25, 826-31	11.8	124
262	pH and thermo dual-stimuli-responsive drug carrier based on mesoporous silica nanoparticles encapsulated in a copolymer-lipid bilayer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 10895-903	9.5	123
261	A SERS-based immunoassay with highly increased sensitivity using gold/silver core-shell nanorods. <i>Biosensors and Bioelectronics</i> , <b>2012</b> , 38, 94-9	11.8	110
260	Facile detection of tumor-derived exosomes using magnetic nanobeads and SERS nanoprobe. <i>Analytical Methods</i> , <b>2016</b> , 8, 5001-5008	3.2	97
259	Dual-mode probe based on mesoporous silica coated gold nanorods for targeting cancer cells. <i>Biosensors and Bioelectronics</i> , <b>2011</b> , 26, 2883-9	11.8	97
258	Rapid simultaneous detection of multi-pesticide residues on apple using SERS technique. <i>Analyst, The</i> , <b>2014</b> , 139, 5148-54	5	86
257	Rapid and reproducible analysis of thiocyanate in real human serum and saliva using a droplet SERS-microfluidic chip. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 62, 13-8	11.8	85
256	Biological pH sensing based on surface enhanced Raman scattering through a 2-aminothiophenol-silver probe. <i>Biosensors and Bioelectronics</i> , <b>2008</b> , 23, 886-91	11.8	70
255	Imaging and Intracellular Tracking of Cancer-Derived Exosomes Using Single-Molecule Localization-Based Super-Resolution Microscope. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 25825-25833 <sup>9.5</sup> <sup>70</sup>	9.5	70
254	Distinguishing breast cancer cells using surface-enhanced Raman scattering. <i>Analytical and Bioanalytical Chemistry</i> , <b>2012</b> , 402, 1093-100	4.4	69
253	A SERS and fluorescence dual mode cancer cell targeting probe based on silica coated Au@Ag core-shell nanorods. <i>Talanta</i> , <b>2012</b> , 97, 368-75	6.2	67

252	A graphene quantum dot-based FRET system for nuclear-targeted and real-time monitoring of drug delivery. <i>Nanoscale</i> , <b>2015</b> , 7, 15477-86	7.7	66
251	Near-infrared BODIPY-based two-photon CLO probe based on thiosemicarbazide desulfurization reaction: naked-eye detection and mitochondrial imaging. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 5854-5861	7.3	66
250	Surface enhanced Raman scattering traceable and glutathione responsive nanocarrier for the intracellular drug delivery. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 2223-30	7.8	60
249	Colorimetry and SERS dual-mode detection of telomerase activity: combining rapid screening with high sensitivity. <i>Nanoscale</i> , <b>2014</b> , 6, 1808-16	7.7	59
248	Combining Multiplex SERS Nanovectors and Multivariate Analysis for In Situ Profiling of Circulating Tumor Cell Phenotype Using a Microfluidic Chip. <i>Small</i> , <b>2018</b> , 14, e1704433	11	58
247	Post-healing of defects: an alternative way for passivation of carbon-based mesoscopic perovskite solar cells via hydrophobic ligand coordination. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 2449-2455	13	52
246	pH-controllable drug carrier with SERS activity for targeting cancer cells. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 57, 10-5	11.8	51
245	Ultrasensitive telomerase activity detection by telomeric elongation controlled surface enhanced Raman scattering. <i>Small</i> , <b>2013</b> , 9, 4215-20	11	49
244	Highly sensitive SERS-based immunoassay with simultaneous utilization of self-assembled substrates of gold nanostars and aggregates of gold nanostars. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 3992-3998	7.3	49
243	Scattering and Absorption Cross-Section Spectral Measurements of Gold Nanorods in Water. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 2853-2860	3.8	48
242	A SERS-Assisted 3D Barcode Chip for High-Throughput Biosensing. <i>Small</i> , <b>2015</b> , 11, 2798-806	11	47
241	Simultaneous and highly sensitive detection of multiple breast cancer biomarkers in real samples using a SERS microfluidic chip. <i>Talanta</i> , <b>2018</b> , 188, 507-515	6.2	46
240	Resonant Mode Analysis of the Nanoscale Surface Plasmon Polariton Waveguide Filter with Rectangle Cavity. <i>Plasmonics</i> , <b>2013</b> , 8, 267-275	2.4	46
239	pH-sensitive nanocarrier based on gold/silver core-shell nanoparticles decorated multi-walled carbon nanotubes for tracing drug release in living cells. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 75, 446-51	11.8	44
238	Aqueous synthesis of multilayer Mn:ZnSe/Cu:ZnS quantum dots with white light emission. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 660-666	7.1	42
237	BODIPY-doped silica nanoparticles with reduced dye leakage and enhanced singlet oxygen generation. <i>Scientific Reports</i> , <b>2015</b> , 5, 12602	4.9	42
236	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. <i>Nanoscale</i> , <b>2017</b> , 9, 16858-16863	7.7	41
235	Gold-modified silver nanorod arrays: growth dynamics and improved SERS properties. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 1150-1159		41

234	Array-Assisted SERS Microfluidic Chips for Highly Sensitive and Multiplex Gas Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 1395-1403	9.5	41
233	Simultaneous evaluation of p53 and p21 expression level for early cancer diagnosis using SERS technique. <i>Analyst, The</i> , <b>2013</b> , 138, 3450-6	5	40
232	A multiplex and straightforward aqueous phase immunoassay protocol through the combination of SERS-fluorescence dual mode nanoprobe and magnetic nanobeads. <i>Biosensors and Bioelectronics</i> , <b>2013</b> , 41, 745-51	11.8	40
231	Silica coated gold nanoaggregates prepared by reverse microemulsion method: dual mode probes for multiplex immunoassay using SERS and fluorescence. <i>Talanta</i> , <b>2011</b> , 86, 170-7	6.2	37
230	Key Roles of Solution pH and Ligands in the Synthesis of Aqueous ZnTe Nanoparticles. <i>Chemistry of Materials</i> , <b>2010</b> , 22, 5838-5844	9.6	36
229	Trapping and manipulation of nanoparticles using multifocal optical vortex metalens. <i>Scientific Reports</i> , <b>2017</b> , 7, 14611	4.9	35
228	Black Phosphorus-Based Drug Nanocarrier for Targeted and Synergetic Chemophotothermal Therapy of Acute Lymphoblastic Leukemia. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 5896-5902	9.5	33
227	Profiling of Exosomal Biomarkers for Accurate Cancer Identification: Combining DNA-PAINT with Machine- Learning-Based Classification. <i>Small</i> , <b>2019</b> , 15, e1901014	11	32
226	Single molecule localization imaging of exosomes using blinking silicon quantum dots. <i>Nanotechnology</i> , <b>2018</b> , 29, 065705	3.4	30
225	SERS-based DNA detection in aqueous solutions using oligonucleotide-modified Ag nanoprisms and gold nanoparticles. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 6131-6	4.4	30
224	Luminescent and Magnetic Properties in Semiconductor Nanocrystals with Radial-Position-Controlled Mn <sup>2+</sup> Doping. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 15829-15834	3.8	30
223	Co-doping of Ag into Mn:ZnSe Quantum Dots: Giving Optical Filtering effect with Improved Monochromaticity. <i>Scientific Reports</i> , <b>2015</b> , 5, 14817	4.9	30
222	Gold-carbon dots for the intracellular imaging of cancer-derived exosomes. <i>Nanotechnology</i> , <b>2018</b> , 29, 175701	3.4	29
221	A SERS/fluorescence dual-mode nanosensor based on the human telomeric G-quadruplex DNA: Application to mercury (II) detection. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 69, 142-7	11.8	28
220	Visualization and intracellular dynamic tracking of exosomes and exosomal miRNAs using single molecule localization microscopy. <i>Nanoscale</i> , <b>2018</b> , 10, 5154-5162	7.7	28
219	Gold aggregates- and quantum dots- embedded nanospheres: Switchable dual-mode image probes for living cells. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 4307		28
218	Synthesis of Ag doped ZnInSe ternary quantum dots with tunable emission. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 5111-5115	7.1	27
217	Effect of surface/interfacial defects on photo-stability of thick-shell CdZnSeS/ZnS quantum dots. <i>Nanoscale</i> , <b>2018</b> , 10, 18331-18340	7.7	27

216	Lead Halide Perovskite Nanocrystals-Phospholipid Micelles and Their Biological Applications: Multiplex Cellular Imaging and in Vitro Tumor Targeting. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 47671-47679	9.5	26
215	SERS-fluorescence joint spectral encoded magnetic nanoprobe for multiplex cancer cell separation. <i>Advanced Healthcare Materials</i> , <b>2014</b> , 3, 1889-97	10.1	25
214	Pharmacokinetics-on-a-Chip Using Label-Free SERS Technique for Programmable Dual-Drug Analysis. <i>ACS Sensors</i> , <b>2017</b> , 2, 773-780	9.2	24
213	High Internal Quantum Efficiency of Nonpolar a-Plane AlGaIn-Based Multiple Quantum Wells Grown on r-Plane Sapphire Substrate. <i>ACS Photonics</i> , <b>2018</b> , 5, 1903-1906	6.3	24
212	Dual-mode tracking of tumor-cell-specific drug delivery using fluorescence and label-free SERS techniques. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 51, 82-9	11.8	24
211	Discriminative detection of bivalent Mn ions by a pH-adjustable recognition method via quantum dot fluorescence sensing. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 9216		24
210	Ultralow-Threshold Single-Mode Lasing from Phase-Pure CdSe/CdS Core/Shell Quantum Dots. <i>Journal of Physical Chemistry Letters</i> , <b>2016</b> , 7, 4968-4976	6.4	23
209	Varying polarization and spin angular momentum flux of radially polarized beams by anisotropic Kerr media. <i>Optics Letters</i> , <b>2016</b> , 41, 1566-9	3	23
208	Preparation of a magnetofluorescent nano-thermometer and its targeted temperature sensing applications in living cells. <i>Talanta</i> , <b>2015</b> , 131, 259-65	6.2	21
207	Surface Enhanced Raman Scattering Based in Situ Hybridization Strategy for Telomere Length Assessment. <i>ACS Nano</i> , <b>2016</b> , 10, 2950-9	16.7	21
206	From red selenium to cuprous selenide: a novel and facile route to a high performance metal selenide cathode for sensitized solar cells. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 14585	13	21
205	Theoretical simulation of CdTe nanocrystals in aqueous synthesis. <i>Structural Chemistry</i> , <b>2010</b> , 21, 519-525	5.8	21
204	Ag@4ATP-coated liposomes: SERS traceable delivery vehicles for living cells. <i>Nanoscale</i> , <b>2014</b> , 6, 8155-61	7.7	20
203	Mixing Assisted "Hot Spots" Occupying SERS Strategy for Highly Sensitive In Situ Study. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 4535-4543	7.8	19
202	Polarization evolution characteristics of focused hybridly polarized vector fields. <i>Applied Physics B: Lasers and Optics</i> , <b>2014</b> , 117, 915-926	1.9	19
201	Thermally tunable random laser in dye-doped liquid crystals. <i>Journal of Modern Optics</i> , <b>2013</b> , 60, 1607-1611	11	19
200	Tailoring optical complex field with spiral blade plasmonic vortex lens. <i>Scientific Reports</i> , <b>2015</b> , 5, 13732	4.9	19
199	Study on the Polarization of Random Lasers from Dye-Doped Nematic Liquid Crystals. <i>Nanoscale Research Letters</i> , <b>2017</b> , 12, 27	5	18

198	A conjugated BODIPY-triphenylamine multi-aldoxime: Sonogashira coupling, ratiometric chemodosimeter and rapid detection of hypochlorite with two-photon excited fluorescence. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 6910-6917	3.6	18
197	A smart two-photon fluorescent platform based on desulfurization-cyclization: a phthalimide-rhodamine chemodosimeter for Hg <sup>2+</sup> NIR emission at 746 nm and through-bond energy transfer. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 13495-13503	3.6	18
196	In situ probing of cell-cell communications with surface-enhanced Raman scattering (SERS) nanoprobe and microfluidic networks for screening of immunotherapeutic drugs. <i>Nano Research</i> , <b>2017</b> , 10, 584-594	10	17
195	Voltage-dependent electroluminescence from colloidal CdSe/ZnS quantum dots. <i>Applied Physics Letters</i> , <b>2007</b> , 91, 243114	3.4	17
194	A SERS-colorimetric dual-mode aptasensor for the detection of cancer biomarker MUC1. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 5707-5718	4.4	17
193	Size-tunable CsPbBr <sub>3</sub> perovskite ring arrays for lasing. <i>Nanoscale</i> , <b>2018</b> , 10, 10383-10388	7.7	17
192	Single-Mode Lasing from "Giant" CdSe/CdS Core-Shell Quantum Dots in Distributed Feedback Structures. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 13293-13303	9.5	16
191	Detection of orbital angular momentum using a photonic integrated circuit. <i>Scientific Reports</i> , <b>2016</b> , 6, 28262	4.9	16
190	Coherent Random Lasing from Dye Aggregates in Polydimethylsiloxane Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 27232-27238	9.5	16
189	Surface-enhanced fluorescence from fluorophore-assembled monolayers by using Ag@SiO <sub>2</sub> nanoparticles. <i>ChemPhysChem</i> , <b>2011</b> , 12, 992-8	3.2	16
188	Phase-change metasurface with tunable and switchable circular dichroism. <i>Optics Letters</i> , <b>2021</b> , 46, 2525-2528	16	
187	Manipulation of Irradiative Defects at MnSe and ZnSe Dopant-Host Interface. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 4274-4282	15.6	15
186	Wavenumber-intensity joint SERS encoding using silver nanoparticles for tumor cell targeting. <i>RSC Advances</i> , <b>2014</b> , 4, 60936-60942	3.7	15
185	Tailoring of random lasing characteristics in dye-doped nematic liquid crystals. <i>Applied Physics B: Lasers and Optics</i> , <b>2014</b> , 115, 303-309	1.9	15
184	Peroxidase-like recyclable SERS probe for the detection and elimination of cationic dyes in pond water. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 408, 124426	12.8	15
183	Manipulating "Hot Spots" from Nanometer to Angstrom: Toward Understanding Integrated Contributions of Molecule Number and Gap Size for Ultrasensitive Surface-Enhanced Raman Scattering Detection. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 39359-39368	9.5	14
182	Water Dispersible and Biocompatible Porphyrin-Based Nanospheres for Biophotonics Applications: A Novel Surfactant and Polyelectrolyte-Based Fabrication Strategy for Modifying Hydrophobic Porphyrins. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 19718-25	9.5	14
181	Assessing telomere length using surface enhanced Raman scattering. <i>Scientific Reports</i> , <b>2014</b> , 4, 6977	4.9	14

180	Immunoassays based on surface-enhanced fluorescence using gap-plasmon-tunable Ag bilayer nanoparticle films. <i>Journal of Fluorescence</i> , <b>2013</b> , 23, 71-7	2.4	14
179	Nonlinear polarization evolution of hybridly polarized vector beams through isotropic Kerr nonlinearities. <i>Optics Express</i> , <b>2016</b> , 24, 25867-25875	3.3	14
178	Realization of mid-infrared broadband absorption in monolayer graphene based on strong coupling between graphene nanoribbons and metal tapered grooves. <i>Optics Express</i> , <b>2018</b> , 26, 29192-29202	3.3	14
177	Quantum-confined stark effect in the ensemble of phase-pure CdSe/CdS quantum dots. <i>Nanoscale</i> , <b>2019</b> , 11, 12619-12625	7.7	13
176	A Hybrid Plasmonic Modulator Based on Graphene on Channel Plasmonic Polariton Waveguide. <i>Plasmonics</i> , <b>2018</b> , 13, 2029-2035	2.4	13
175	Mixing enhancement of a novel C-SAR microfluidic mixer. <i>Chemical Engineering Research and Design</i> , <b>2018</b> , 132, 338-345	5.5	13
174	A Seven Bit Silicon Optical True Time Delay Line for Ka-Band Phased Array Antenna. <i>IEEE Photonics Journal</i> , <b>2019</b> , 11, 1-9	1.8	13
173	Synthesis of thiosalicylic acid-capped CdTe quantum dots. <i>RSC Advances</i> , <b>2014</b> , 4, 4993	3.7	13
172	A FRET based dual emission nanoprobe (FREDEN) with improved blinking behavior for single molecule localization imaging. <i>Nanoscale</i> , <b>2016</b> , 8, 19110-19119	7.7	12
171	Z-scan characterization of optical nonlinearities of an imperfect sample profits from radially polarized beams. <i>Applied Physics B: Lasers and Optics</i> , <b>2014</b> , 117, 1141-1147	1.9	12
170	SERS-based dynamic monitoring of minimal residual disease markers with high sensitivity for clinical applications. <i>Nanoscale</i> , <b>2019</b> , 11, 2460-2467	7.7	11
169	A SERS fiber probe fabricated by layer-by-layer assembly of silver sphere nanoparticles and nanorods with a greatly enhanced sensitivity for remote sensing. <i>Nanotechnology</i> , <b>2019</b> , 30, 255503	3.4	11
168	Bright type-II photoluminescence from Mn-doped CdS/ZnSe/ZnS quantum dots with Mn ions as exciton couplers. <i>Nanoscale</i> , <b>2017</b> , 9, 18281-18289	7.7	11
167	Effect of Cu/In ratio and shell thickness on the photo-stability of CuInS <sub>2</sub> /ZnS nanocrystals. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 12151-12156	7.1	11
166	Bright white-light emission from Ag/SiO <sub>2</sub> /CdS-ZnS core/shell/shell plasmon couplers. <i>Nanoscale</i> , <b>2015</b> , 7, 20607-13	7.7	11
165	Effects of solid substrate on the SERS-based immunoassay: a comparative study. <i>Journal of Raman Spectroscopy</i> , <b>2011</b> , 42, 313-318	2.3	11
164	The influence of solvent and ligands on characters of ZnS clusters. <i>Structural Chemistry</i> , <b>2010</b> , 21, 1215-1289		11
163	Low-Threshold Amplified Spontaneous Emission and Lasing from Thick-Shell CdSe/CdS Core/Shell Nanoplatelets Enabled by High-Temperature Growth. <i>Advanced Optical Materials</i> , <b>2020</b> , 8, 1901615	8.1	11

162	An optical ratiometric temperature sensor based on dopant-dependent thermal equilibrium in dual-emitting Ag&Mn:ZnInS quantum dots. <i>RSC Advances</i> , <b>2016</b> , 6, 58113-58117	3.7	11
161	A Tunable Optical Delay Line Based on Cascaded Silicon Nitride Microrings for Ka-Band Beamforming. <i>IEEE Photonics Journal</i> , <b>2019</b> , 11, 1-10	1.8	10
160	Optically encoded nanoprobe using single walled carbon nanotube as the building scaffold for magnetic field guided cell imaging. <i>Talanta</i> , <b>2014</b> , 119, 144-50	6.2	10
159	Enhanced photorefractivity in a polymer/nanocrystal composite photorefractive device at telecommunication wavelength. <i>Applied Physics Letters</i> , <b>2010</b> , 97, 263108	3.4	10
158	Enantioselective optical trapping of chiral nanoparticles using a transverse optical needle field with a transverse spin. <i>Optics Express</i> , <b>2020</b> , 28, 27808-27822	3.3	10
157	Bi and Sb Codoped CsAgNaInCl Double Perovskite with Excitation-Wavelength-Dependent Dual-Emission for Anti-Counterfeiting Application. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 31031-31037	9.5	10
156	TiCT MXene-Loaded 3D Substrate toward On-Chip Multi-Gas Sensing with Surface-Enhanced Raman Spectroscopy (SERS) Barcode Readout. <i>ACS Nano</i> , <b>2021</b> ,	16.7	10
155	Performances of Microwave Photonic Notch Filter Based on Microring Resonator With Dual-Drive Modulator. <i>IEEE Photonics Journal</i> , <b>2019</b> , 11, 1-13	1.8	10
154	Hydrophobic Plasmonic Nanoacorn Array for a Label-Free and Uniform SERS-Based Biomolecular Assay. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 29917-29927	9.5	9
153	Dual peptides modified fluorescence-SERS dual mode imaging nanoprobe with improved cancer cell targeting efficiency. <i>RSC Advances</i> , <b>2016</b> , 6, 81046-81052	3.7	9
152	Design and Optimization of a Graphene Modulator Based on Hybrid Plasmonic Waveguide with Double Low-Index Slots. <i>Plasmonics</i> , <b>2019</b> , 14, 133-138	2.4	9
151	Optical Beamformer Based on Diffraction Order Multiplexing (DOM) of an Arrayed Waveguide Grating. <i>Journal of Lightwave Technology</i> , <b>2019</b> , 37, 2898-2904	4	9
150	A straightforward immunoassay applicable to a wide range of antibodies based on surface enhanced fluorescence. <i>Journal of Fluorescence</i> , <b>2013</b> , 23, 551-9	2.4	9
149	Investigating the Intracellular Behaviors of Liposomal Nanohybrids SERS: Insights into the Influence of Metal Nanoparticles. <i>Theranostics</i> , <b>2018</b> , 8, 941-954	12.1	9
148	Highly uniform SERS-active microchannel on hydrophobic PDMS: a balance of high reproducibility and sensitivity for detection of proteins. <i>RSC Advances</i> , <b>2017</b> , 7, 8771-8778	3.7	8
147	An online pH detection system based on a microfluidic chip. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1106, 71-78	6.6	8
146	Fast response and low power consumption 10 thermo-optic switch based on dielectric-loaded surface plasmon polariton waveguides. <i>Journal of Modern Optics</i> , <b>2016</b> , 63, 1354-1363	1.1	8
145	Tight focusing properties of spatial-variant linearly-polarized vector beams. <i>Journal of Optics (India)</i> , <b>2014</b> , 43, 18-27	1.3	8



144	Development of an electrically controlled terahertz-wave modulator. <i>Journal of Modern Optics</i> , <b>2013</b> , 60, 1690-1695	1.1	8
143	Theoretical and experimental investigation of doping M in ZnSe (M = Cd, Mn, Ag, Cu) clusters: optical and bonding characteristics. <i>Luminescence</i> , <b>2016</b> , 31, 312-316	2.5	8
142	Assembly of light-emitting diode based on hydrophilic CdTe quantum dots incorporating dehydrated silica gel. <i>Luminescence</i> , <b>2016</b> , 31, 419-422	2.5	8
141	Ultrasonic irradiation-promoted one-pot synthesis of CH <sub>3</sub> NH <sub>3</sub> PbBr <sub>3</sub> quantum dots without using flammable CH <sub>3</sub> NH <sub>2</sub> precursor. <i>Materials Research Express</i> , <b>2017</b> , 4, 025038	1.7	7
140	High hole concentration in nonpolar a-plane p-AlGa <sub>N</sub> films with Mg-delta doping technique. <i>Superlattices and Microstructures</i> , <b>2017</b> , 109, 880-885	2.8	7
139	Optical pulling forces on Rayleigh particles using ambient optical nonlinearity. <i>Nanophotonics</i> , <b>2019</b> , 8, 1117-1124	6.3	7
138	Design and Analysis of a Compact SOI-Based Aluminum/Highly Doped p-Type Silicon Hybrid Plasmonic Modulator. <i>IEEE Photonics Journal</i> , <b>2016</b> , 8, 1-11	1.8	7
137	Evaluation of Multidrug Resistance of Leukemia Using Surface-Enhanced Raman Scattering Method for Clinical Applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 24999-25005	9.5	7
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135	Temperature-dependent photovoltaic characterization of a CdTe/CdSe nanocrystal solar cell. <i>Electronic Materials Letters</i> , <b>2014</b> , 10, 433-437	2.9	7
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120	A Stopband and Passband Switchable Microwave Photonic Filter Based on Integrated Dual Ring Coupled Mach-Zehnder Interferometer. <i>IEEE Photonics Journal</i> , <b>2019</b> , 11, 1-8	1.8	6
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97	Controllable vector bottle-shaped fields generated by focused spatial-variant linearly polarized vector beams. <i>Applied Physics B: Lasers and Optics</i> , <b>2013</b> , 113, 165-170	1.9	4
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4	Imaging Exosomes using Super Resolution Microscopy. <i>FASEB Journal</i> , <b>2018</b> , 32, 801.4	0.9	
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