

# Jun Zhou

## List of Publications by Year in descending order

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128  
papers

2,959  
citations

172386

29  
h-index

223716

46  
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129  
all docs

129  
docs citations

129  
times ranked

2982  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrinsic Raman signal of polymer matrix induced quantitative multiphase SERS analysis based on stretched PDMS film with anchored Ag nanoparticles/Au nanowires. <i>Chemical Engineering Journal</i> , 2020, 381, 122710.	6.6	160
2	In Situ Recyclable Surface-Enhanced Raman Scattering-Based Detection of Multicomponent Pesticide Residues on Fruits and Vegetables by the Flower-like MoS <sub>2</sub> @Ag Hybrid Substrate. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 14386-14399.	4.0	148
3	Porous silicon optical microcavity biosensor on silicon-on-insulator wafer for sensitive DNA detection. <i>Biosensors and Bioelectronics</i> , 2013, 44, 89-94.	5.3	107
4	Irreversible accumulated SERS behavior of the molecule-linked silver and silver-doped titanium dioxide hybrid system. <i>Nature Communications</i> , 2020, 11, 1785.	5.8	107
5	Construction of Long Narrow Gaps in Ag Nanoplates. <i>Journal of the American Chemical Society</i> , 2018, 140, 15560-15563.	6.6	91
6	Switchable multifunctional terahertz metasurfaces employing vanadium dioxide. <i>Scientific Reports</i> , 2019, 9, 5454.	1.6	79
7	Developing controllable anisotropic wet etching to achieve silicon nanorods, nanopencils and nanocones for efficient photon trapping. <i>Journal of Materials Chemistry A</i> , 2013, 1, 9942.	5.2	77
8	High-Sensitivity Displacement Sensor Based on a Bent Fiber Mach-Zehnder Interferometer. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 2354-2357.	1.3	68
9	Electrical Tuning of the SERS Enhancement by Precise Defect Density Control. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 34091-34099.	4.0	52
10	Recyclable label-free SERS-based immunoassay of PSA in human serum mediated by enhanced photocatalysis arising from Ag nanoparticles and external magnetic field. <i>Applied Surface Science</i> , 2020, 528, 146953.	3.1	50
11	Hydrothermal synthesis of Ag@MSiO <sub>2</sub> @Ag three core-shell nanoparticles and their sensitive and stable SERS properties. <i>Nanoscale</i> , 2016, 8, 4908-4914.	2.8	49
12	Classification analyses for prostate cancer, benign prostate hyperplasia and healthy subjects by SERS-based immunoassay of multiple tumour markers. <i>Talanta</i> , 2018, 188, 238-244.	2.9	48
13	Mach-Zehnder Interferometer Constructed by Two S-Bend Fibers for Displacement and Force Measurements. <i>IEEE Photonics Technology Letters</i> , 2014, 26, 837-840.	1.3	47
14	Au@Ag core-shell nanocubes: epitaxial growth synthesis and surface-enhanced Raman scattering performance. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 6819-6826.	1.3	46
15	SERS-based multiplex immunoassay of tumor markers using double SiO <sub>2</sub> @Ag immune probes and gold-film hemisphere array immune substrate. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 546, 48-58.	2.3	46
16	Plasmonic Metasurfaces Based on Pyramidal Nanoholes for High-Efficiency SERS Biosensing. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 43715-43725.	4.0	45
17	Immunoassay for tumor markers in human serum based on Si nanoparticles and SiC@Ag SERS-active substrate. <i>Analyst</i> , 2016, 141, 2534-2541.	1.7	44
18	The construction of silver aggregate with inbuilt Raman molecule and gold nanowire forest in SERS-based immunoassay for cancer biomarker detection. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 105-114.	4.0	42

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19	Seedless one-spot synthesis of 3D and 2D Ag nanoflowers for multiple phase SERS-based molecule detection. <i>Sensors and Actuators B: Chemical</i> , 2019, 301, 127142.	4.0	41
20	Highly sensitive immunoassay based on SERS using nano-Au immune probes and a nano-Ag immune substrate. <i>Talanta</i> , 2014, 123, 161-168.	2.9	40
21	Hydrothermal synthesis of silver nanocubes with tunable edge lengths and their size dependent SERS behaviors. <i>Journal of Alloys and Compounds</i> , 2015, 632, 140-146.	2.8	39
22	Octupolar Metastructures for a Highly Sensitive, Rapid, and Reproducible Phage-Based Detection of Bacterial Pathogens by Surface-Enhanced Raman Scattering. <i>ACS Sensors</i> , 2017, 2, 947-954.	4.0	38
23	Molybdenum Oxide/Tungsten Oxide Nano-heterojunction with Improved Surface-Enhanced Raman Scattering Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 33345-33353.	4.0	37
24	All-Fiber Modal Interferometer Based on a Joint-Taper-Joint Fiber Structure for Refractive Index Sensing With High Sensitivity. <i>IEEE Sensors Journal</i> , 2013, 13, 2780-2785.	2.4	36
25	Controllable synthesis and SERS characteristics of hollow sea-urchin gold nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 25601-25608.	1.3	35
26	Dietary <i>Apostichopus japonicus</i> Alleviates Diabetes Symptoms and Modulates Genes Expression in Kidney Tissues of <i>db/db</i> Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 154-162.	2.4	34
27	Novel high- $\alpha$ -docosahexaenoic acid tuna oil supplementation modulates gut microbiota and alleviates obesity in high-fat diet mice. <i>Food Science and Nutrition</i> , 2020, 8, 6513-6527.	1.5	34
28	Silver nanocube-mediated sensitive immunoassay based on surface-enhanced Raman scattering assisted by etched silicon nanowire arrays. <i>Analyst</i> , 2014, 139, 5893-5900.	1.7	32
29	Synergistic effect of a $\text{SiO}_2$ @Au nanoprobe and coffee-ring-free hydrophilic-hydrophobic substrate assembly in an ultrasensitive SERS-based immunoassay for a tumor marker. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2142-2154.	2.7	32
30	Nonmetallic SERS-based immunosensor by integrating MoS <sub>2</sub> nanoflower and nanosheet towards the direct serum detection of carbohydrate antigen 19-9. <i>Biosensors and Bioelectronics</i> , 2021, 193, 113481.	5.3	31
31	Quantitative and Recyclable Surface-Enhanced Raman Spectroscopy Immunoassay Based on Fe <sub>3</sub> O <sub>4</sub> @TiO <sub>2</sub> @Ag Core-Shell Nanoparticles and Au Nanowire/Polydimethylsiloxane Substrates. <i>ACS Applied Nano Materials</i> , 2020, 3, 4610-4622.	2.4	30
32	Ultrasensitive biosensor based on magnetic microspheres enhanced microfiber interferometer. <i>Biosensors and Bioelectronics</i> , 2019, 145, 111563.	5.3	29
33	Synthesis and improved SERS performance of silver nanoparticles-decorated surface mesoporous silica microspheres. <i>Applied Surface Science</i> , 2016, 378, 181-190.	3.1	28
34	SERS-based cascade amplification bioassay protocol of miRNA-21 by using sandwich structure with biotin-streptavidin system. <i>Analyst</i> , 2019, 144, 1741-1750.	1.7	28
35	Construction of Reusable PMMA@Ag/g-C <sub>3</sub> N <sub>4</sub> /Ag Hybrid Substrates with Plasmonic-Enhanced Intrinsic Raman Signals for Quantitative SERS Detection and Green Degradation. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 12885-12898.	3.2	28
36	Surface-enhanced Raman scattering-based lateral flow immunoassay mediated by hydrophilic-hydrophobic Ag-modified PMMA substrate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 262, 120092.	2.0	28

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37	Laser-treated substrate with nanoparticles for surface-enhanced Raman scattering. <i>Optics Letters</i> , 2010, 35, 941.	1.7	26
38	Localized Surface Plasmon Resonance and Surface Enhanced Raman Scattering Responses of Au@Ag Core-shell Nanorods with Different Thickness of Ag Shell. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 4245-4250.	0.9	26
39	In situ controlled sputtering deposition of gold nanoparticles on MnO <sub>2</sub> nanorods as surface-enhanced Raman scattering substrates for molecular detection. <i>Dalton Transactions</i> , 2015, 44, 7606-7612.	1.6	26
40	Ag@Au hexagonal nanorings: synthesis, mechanistic analysis and structure-dependent optical characteristics. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9726-9733.	2.7	26
41	Subwavelength InSb-based Slot waveguides for THz transport: concept and practical implementations. <i>Scientific Reports</i> , 2016, 6, 38784.	1.6	26
42	Study of the mechanism of overlays acting on laser shock waves. <i>Journal of Applied Physics</i> , 2006, 100, 103517.	1.1	25
43	Citric acid-assisted phase controlled synthesis of NaYF <sub>4</sub> :Yb <sup>3+</sup> ,Tm <sup>3+</sup> crystals and their intense ultraviolet upconversion emissions. <i>Journal of Fluorine Chemistry</i> , 2013, 156, 177-182.	0.9	25
44	Seed-mediated synthesis and SERS performance of graphene oxide-wrapped Ag nanomushroom. <i>Scientific Reports</i> , 2017, 7, 9795.	1.6	25
45	Structure-dependent localized surface plasmon resonance characteristics and surface enhanced Raman scattering performances of quasi-periodic nanoarrays: Measurements and analysis. <i>Journal of Applied Physics</i> , 2015, 118, .	1.1	24
46	Dual-functional Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @Ag triple core-shell microparticles as an effective SERS platform for adipokines detection. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 535, 24-33.	2.3	24
47	Lipase-catalyzed selective enrichment of omega-3 polyunsaturated fatty acids in acylglycerols of cod liver and linseed oils: Modeling the binding affinity of lipases and fatty acids. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 261-268.	3.6	24
48	Surface plasmon amplification characteristics of an active three-layer nanoshell-based spaser. <i>Journal of Applied Physics</i> , 2012, 112, 074309.	1.1	23
49	Hydrothermal synthesis of gold polyhedral nanocrystals by varying surfactant concentration and their LSPR and SERS properties. <i>RSC Advances</i> , 2015, 5, 68668-68675.	1.7	22
50	Different host-specific responses in thyroid function and gut microbiota modulation between diet-induced obese and normal mice given the same dose of iodine. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 3537-3547.	1.7	22
51	Tunable multichannel nonreciprocal perfect absorber based on resonant absorption. <i>Optics Letters</i> , 2012, 37, 2613.	1.7	21
52	Microwave assisted in situ synthesis of Ag@NaCMC films and their reproducible surface-enhanced Raman scattering signals. <i>Journal of Alloys and Compounds</i> , 2014, 602, 94-100.	2.8	20
53	Femtosecond and nanosecond laser fabricated substrate for surface-enhanced Raman scattering. <i>Optics Letters</i> , 2011, 36, 3353.	1.7	19
54	SERS-based immunoassay using a core-shell SiO <sub>2</sub> @Ag immune probe and Ag-decorated NiCo <sub>2</sub> O <sub>4</sub> nanorods immune substrate. <i>RSC Advances</i> , 2016, 6, 708-715.	1.7	19

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55	Photobleaching Fabrication of Microring Resonator in a Chromophore-Containing Polymer. IEEE Photonics Technology Letters, 2006, 18, 2221-2223.	1.3	18
56	Polarization-Independent Splitter Based on All-Solid Silica-Based Photonic-Crystal Fibers. Journal of Lightwave Technology, 2006, 24, 5082-5086.	2.7	17
57	A GaN-Based LED With Perpendicular Structure Fabricated on a ZnO Substrate by MOCVD. Journal of Display Technology, 2013, 9, 377-381.	1.3	17
58	Engineered plasmonic Thue-Morse nanostructures for LSPR detection of the pesticide Thiram. Nanophotonics, 2017, 6, 1083-1092.	2.9	17
59	UV-light-assisted preparation of MoO <sub>3</sub> /Ag NPs film and investigation on the SERS performance. Journal of Materials Science, 2020, 55, 8868-8880.	1.7	17
60	Z-scan measurement of a novel amorphous molecular material. Optics Communications, 2001, 191, 427-433.	1.0	16
61	Mode converter based on mode coupling in an asymmetric dual-core photonic crystal fibre. Journal of Optics, 2008, 10, 115304.	1.5	16
62	Novel hybrid organic/inorganic 2D quasiperiodic PC: from diffraction pattern to vertical light extraction. Nanoscale Research Letters, 2011, 6, 371.	3.1	16
63	Bifunctional 4MBA mediated recyclable SERS-based immunoassay induced by photocatalytic activity of TiO <sub>2</sub> nanotube arrays. Physical Chemistry Chemical Physics, 2016, 18, 23795-23802.	1.3	16
64	SERS-based sandwich bioassay protocol of miRNA-21 using Au@Ag core-shell nanoparticles and a Ag/TiO <sub>2</sub> nanowires substrate. Analytical Methods, 2019, 11, 2960-2968.	1.3	16
65	Design of all-solid large-mode area microstructured-core optical fibers. Optics Communications, 2010, 283, 3153-3157.	1.0	15
66	Fabrication of low-loss, single-mode-channel waveguide with DNA-CTMA biopolymer by multistep processing technology. Optics Letters, 2010, 35, 1512.	1.7	15
67	Antifreeze protein detection using Rhodamine B as photoluminescence label in porous silicon. Current Applied Physics, 2013, 13, 736-742.	1.1	15
68	Polyhedron Cu <sub>2</sub> O@Ag composite microstructures: synthesis, mechanism analysis and structure-dependent SERS properties. RSC Advances, 2016, 6, 99105-99113.	1.7	15
69	One-Pot Synthesis of Multi-Branch Gold Nanoparticles and Investigation of Their SERS Performance. Biosensors, 2018, 8, 113.	2.3	15
70	Evaluating cellular uptake of gold nanoparticles in HL-7702 and HepG2 cells for plasmonic photothermal therapy. Nanomedicine, 2018, 13, 2245-2259.	1.7	14
71	Electrical Tuning of MoO <sub>3</sub> /Ag Hybrids and Investigation of their Surface-Enhanced Raman Scattering Performance. Physica Status Solidi - Rapid Research Letters, 2021, 15, 2000499.	1.2	14
72	Observation of switching phenomena in a nonether polyphenylquinoxaline planar waveguide with two-wavelength nonlinear prism coupling. Optics Letters, 1997, 22, 1482.	1.7	13

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73	Ultra-strong surface plasmon amplification characteristic of a spaser based on gold-silver core-shell nanorods. <i>Optics Communications</i> , 2015, 338, 313-321.	1.0	13
74	Intense and stable surface-enhanced Raman scattering from Ag@mesoporous SiO <sub>2</sub> film. <i>Journal of Luminescence</i> , 2016, 177, 387-393.	1.5	13
75	The synthesis of four-layer gold-silver-polymer-silver core-shell nanomushroom with inbuilt Raman molecule for surface-enhanced Raman scattering. <i>Applied Surface Science</i> , 2017, 426, 965-971.	3.1	13
76	Alterations of the Brain Proteome and Gut Microbiota in Galactose-Induced Brain-Aging Mice with Krill Oil Supplementation. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 9820-9830.	2.4	13
77	Effect of Polarization-Matched n-Type AlGaIn Electron-Blocking Layer on the Optoelectronic Properties of Blue InGaN Light-Emitting Diodes. <i>Journal of Display Technology</i> , 2013, 9, 244-248.	1.3	12
78	Greatly enhanced Raman scattering and upconversion luminescence of Au-NaYF <sub>4</sub> nanocomposites. <i>Journal of Luminescence</i> , 2014, 156, 164-169.	1.5	12
79	Light pulse propagation in one-dimensional photonic crystal: An FDTD analysis. <i>Journal of Russian Laser Research</i> , 2007, 28, 372-376.	0.3	11
80	Plasmonic octagonal quasicrystals for surface enhanced Raman sensing. <i>International Journal of Higher Education Management</i> , 2015, 1, 47-51.	1.0	11
81	SERS Biosensor Based on Engineered 2D-Aperiodic Nanostructure for In-Situ Detection of Viable Brucella Bacterium in Complex Matrix. <i>Nanomaterials</i> , 2021, 11, 886.	1.9	11
82	Reusable dual-functional SERS sensor based on gold nanoflowers-modified red phosphorus nanoplates for ultrasensitive immunoassay and degradation of CA19-9. <i>Biosensors and Bioelectronics</i> , 2022, 207, 114148.	5.3	11
83	Ultrasensitive SERS-Based Immunoassay of Tumor Marker in Serum Using Au-Ag Alloy Nanoparticles and Ag/AgBr Hybrid Nanostructure. <i>Nano</i> , 2018, 13, 1850001.	0.5	10
84	High Sensitive Z-Shaped Fiber Interferometric Refractive Index Sensor: Simulation and Experiment. <i>IEEE Photonics Technology Letters</i> , 2018, 30, 1131-1134.	1.3	10
85	Photoactive Control of Surface-Enhanced Raman Scattering with Reduced Graphene Oxide in Gas Atmosphere. <i>ACS Nano</i> , 2022, 16, 577-587.	7.3	10
86	Single-mode fiber refractive index sensor with large lateral offset fusion splicing between two abrupt tapers. <i>Optical Engineering</i> , 2012, 51, 090502-1.	0.5	9
87	Optimizing Au/Ag core-shell nanorods: purification, stability, and surface modification. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	9
88	4MBA-labeled Ag-nanorod aggregates coated with SiO <sub>2</sub> : synthesis, SERS activity, and biosensing applications. <i>Analytical Methods</i> , 2015, 7, 8832-8838.	1.3	9
89	LSPR immuno-sensing based on iso-Y nanopillars for highly sensitive and specific imidacloprid detection. <i>Journal of Materials Chemistry B</i> , 2021, 9, 9153-9161.	2.9	9
90	Plasmonic Metasurfaces for Specific SERS Detection of Shiga Toxins. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 4969-4979.	4.0	9

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91	Coupling characteristics of three-core photonic crystal fiber couplers. <i>Journal of Optics</i> , 2009, 11, 015102.	1.5	8
92	A Novel WDM Component Based on a Three-Core Photonic Crystal Fiber. <i>Journal of Lightwave Technology</i> , 2009, 27, 2343-2347.	2.7	8
93	Design of novel power splitters by directional coupling between photonic crystal waveguides. <i>Optoelectronics Letters</i> , 2010, 6, 417-420.	0.4	8
94	Tamm states of one-dimensional metal-dielectric photonic crystal. <i>IET Optoelectronics</i> , 2013, 7, 9-13.	1.8	8
95	Theoretical Analysis of the Mode Splitting Properties in Periodically Patterned Microring Resonators. <i>Journal of Lightwave Technology</i> , 2017, 35, 1700-1704.	2.7	8
96	Enhancement of the quantum dot fluorescence intensity by Au nanoparticle decoration of a porous silicon photonic crystal. <i>Applied Physics B: Lasers and Optics</i> , 2017, 123, 1.	1.1	8
97	Enhancement of the R6G fluorescence by gold nanoparticle depositions in porous silicon Bragg reflectors. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015, 212, 662-665.	0.8	7
98	Self-assembled structures of polyhedral gold nanocrystals: shape-directive arrangement and structure-dependent plasmonic enhanced characteristics. <i>RSC Advances</i> , 2016, 6, 57320-57326.	1.7	7
99	Further enhancement of SERS signals from Au@Ag@PSPAA core-shell nanoparticles surrounded by Ag nanoplates. <i>Materials Chemistry and Physics</i> , 2019, 225, 60-63.	2.0	7
100	Design and characteristics of a novel narrow-band filter with the dual-core photonic crystal fiber. <i>Optoelectronics Letters</i> , 2010, 6, 249-252.	0.4	6
101	Specific binding of antigen-antibody in physiological environments: Measurement, force characteristics and analysis. <i>Optics and Lasers in Engineering</i> , 2018, 104, 252-258.	2.0	6
102	Electrically tunable SERS based on plasmonic gold nanorod-graphene/ion-gel hybrid structure with a low voltage. <i>Carbon</i> , 2022, 187, 425-431.	5.4	6
103	Determining the minimum number of arrayed waveguides and the optimal orientation angle of slab for the design of arrayed waveguide gratings. <i>Optics Communications</i> , 2003, 226, 181-189.	1.0	5
104	Different discrete soliton states in periodic optical induced waveguide lattice. <i>Optics Express</i> , 2007, 15, 6232.	1.7	5
105	Sensitive surface-enhanced Raman scattering activity of triple gold/silver/graphene oxide nanostructures decorated on gold nanowire arrays. <i>Materials Research Express</i> , 2018, 5, 015013.	0.8	5
106	Nonreciprocal Channels of Light Through the Coupling of Two Nonsymmetric Tamm Magnetoplasmon Polaritons. <i>IEEE Photonics Journal</i> , 2014, 6, 1-11.	1.0	4
107	Enhanced photoluminescence from porous silicon microcavities by rare earth doping. <i>Optoelectronics Letters</i> , 2016, 12, 5-7.	0.4	4
108	The seeded-synthesis of core-shell Au dumbbells with inbuilt Raman molecules and their SERS performance. <i>Analytical Methods</i> , 2017, 9, 4394-4399.	1.3	4



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109	Decrease of amplified spontaneous emission threshold achieved by core-shell Ag nanocube@SiO <sub>2</sub> with ultrasmall shell thicknesses. <i>Materials Research Express</i> , 2017, 4, 115030.	0.8	4
110	Hollow Ag dendritic nanoplates with serrated inner surfaces for sensitive SERS-based detection. <i>Materials Research Express</i> , 2019, 6, 105053.	0.8	4
111	Real-Time Surface-Enhanced Raman Scattering Tracking of Adenine-Gold Charge Transfer Complex Formation on Nanocavity-Shaped Plasmonic Crystals. <i>Journal of Physical Chemistry C</i> , 2019, 123, 17961-17967.	1.5	4
112	Surface plasmon interference pattern on the surface of a silver-clad planar waveguide as a sub-micron lithography tool. <i>Science China: Physics, Mechanics and Astronomy</i> , 2011, 54, 240-244.	2.0	3
113	Design of single-mode large-mode area bandgap fibre with microstructured-core. <i>Optics Communications</i> , 2014, 330, 117-121.	1.0	3
114	Facile synthesis of noble metal decorated carbon nanostructure for SERS detection. <i>Journal of Raman Spectroscopy</i> , 2022, 53, 49-57.	1.2	3
115	High-directionality spin-selective routing of photons in plasmonic nanocircuits. <i>Nanoscale</i> , 2022, 14, 428-432.	2.8	3
116	Surfactant-free synthesis of flower-like Au NPs/Au island hybrid substrate for quantitative SERS detection of pesticide residues on fruit. <i>Journal of Alloys and Compounds</i> , 2022, 918, 165706.	2.8	3
117	Fabrication and characteristics of low loss and single-mode channel waveguides based on DNA-HCTAC biopolymer material. <i>Optoelectronics Letters</i> , 2012, 8, 97-100.	0.4	2
118	Gain-assisted U-shaped Au nanostructure for ultrahigh sensitivity single molecule detection by surface-enhanced Raman scattering. <i>Journal of Optics (United Kingdom)</i> , 2015, 17, 125003.	1.0	2
119	Effects of the Sex Factor on Mouse Iodine Intake: Interactions between the Gut Microbiota Composition and Metabolic Syndromes. <i>ACS Omega</i> , 2021, 6, 28569-28578.	1.6	2
120	UV-light-assisted synthesis of CeB <sub>6</sub> @Ag nano-trees for SERS application. <i>Journal of Rare Earths</i> , 2021, , .	2.5	2
121	Fractal characteristics of far-field diffraction patterns for two-dimensional Thue-Morse quasicrystals. <i>Optoelectronics Letters</i> , 2011, 7, 346-349.	0.4	1
122	Synthesis, Modification, and Biosensing Characteristics of Au <sub>2</sub> S/AuAgS-Coated Gold Nanorods. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-8.	1.5	1
123	Three-arm windmill plasmonic nanoantenna: polarization and symmetry-dependent optical characteristics. , 2018, , .		1
124	Tunable absorption characteristics in multilayered structures with graphene for biosensing. <i>Journal of Innovative Optical Health Sciences</i> , 2020, 13, 2050017.	0.5	1
125	New design of the low crosstalk and low-loss AWG with optimal waveguide separations and orientation angle of slabs. , 2006, 6149, 554.		0
126	Fabrication of polymer integrated optical microring resonator with photobleaching method. , 2007, , .		0



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127	Design of novel 1&#x00D7;4 power splitter by directional coupling between photonic crystal waveguides. , 2011, , .		0
128	Ultra-compact resonator with orthogonally polarized dual-wavelength output based on layered epsilon-negative and anisotropic materials. Journal of Russian Laser Research, 2011, 32, 604-608.	0.3	0