

Jun Zhou

List of Publications by Year in descending order

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128
papers

2,959
citations

172207

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223531

46
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129
all docs

129
docs citations

129
times ranked

2982
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile synthesis of noble metal decorated carbon nanostructure for SERS detection. <i>Journal of Raman Spectroscopy</i> , 2022, 53, 49-57.	1.2	3
2	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
3	High-directionality spin-selective routing of photons in plasmonic nanocircuits. <i>Nanoscale</i> , 2022, 14, 428-432.	2.8	3
4	Plasmonic Metasurfaces for Specific SERS Detection of Shiga Toxins. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 4969-4979.	4.0	9
5	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
6	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
7	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
8	Electrical Tuning of MoO ₃ /Ag Hybrids and Investigation of their Surface-Enhanced Raman Scattering Performance. <i>Physica Status Solidi - Rapid Research Letters</i> , 2021, 15, 2000499.	1.2	14
9	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
10	Molybdenum Oxide/Tungsten Oxide Nano-heterojunction with Improved Surface-Enhanced Raman Scattering Performance. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 33345-33353.	4.0	37
11	Plasmonic Metasurfaces Based on Pyramidal Nanoholes for High-Efficiency SERS Biosensing. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 43715-43725.	4.0	45
12	Construction of Reusable PMMA-Ag/g-C ₃ N ₄ /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
13	Nonmetallic SERS-based immunosensor by integrating MoS ₂ nanoflower and nanosheet towards the direct serum detection of carbohydrate antigen 19-9. <i>Biosensors and Bioelectronics</i> , 2021, 193, 113481.	5.3	31
14	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
15	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
16	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
17	UV-light-assisted synthesis of CeB ₆ @Ag nano-trees for SERS application. <i>Journal of Rare Earths</i> , 2021, , .	2.5	2
18	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

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19	Synergistic effect of a Fe_3O_4 -mesoporous 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
20	Novel high-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
21	Tunable absorption characteristics in multilayered structures with graphene for biosensing. <i>Journal of Innovative Optical Health Sciences</i> , 2020, 13, 2050017.	0.5	1
22	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
23	In Situ Recyclable Surface-Enhanced Raman Scattering-Based Detection of Multicomponent Pesticide Residues on Fruits and Vegetables by the Flower-like MoS_2 @Ag Hybrid Substrate. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 14386-14399.	4.0	148
24	Quantitative and Recyclable Surface-Enhanced Raman Spectroscopy Immunoassay Based on Fe_3O_4 @ TiO_2 @Ag Core-Shell Nanoparticles and Au Nanowire/Polydimethylsiloxane Substrates. <i>ACS Applied Nano Materials</i> , 2020, 3, 4610-4622.	2.4	30
25	UV-light-assisted preparation of $\text{MoO}_3 \cdot x\text{H}_2\text{O}$ /Ag NPs film and investigation on the SERS performance. <i>Journal of Materials Science</i> , 2020, 55, 8868-8880.	1.7	17
26	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
27	Hollow Ag dendritic nanoplates with serrated inner surfaces for sensitive SERS-based detection. <i>Materials Research Express</i> , 2019, 6, 105053.	0.8	4
28	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
29	Ultrasensitive biosensor based on magnetic microspheres enhanced microfiber interferometer. <i>Biosensors and Bioelectronics</i> , 2019, 145, 111563.	5.3	29
30	Electrical Tuning of the SERS Enhancement by Precise Defect Density Control. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 34091-34099.	4.0	52
31	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
32	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
33	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
34	SERS-based sandwich bioassay protocol of miRNA-21 using Au@Ag core-shell nanoparticles and a Ag/ TiO_2 nanowires substrate. <i>Analytical Methods</i> , 2019, 11, 2960-2968.	1.3	16
35	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
36	Switchable multifunctional terahertz metasurfaces employing vanadium dioxide. <i>Scientific Reports</i> , 2019, 9, 5454.	1.6	79

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37	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
38	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
39	SERS-based multiplex immunoassay of tumor markers using double SiO ₂ @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
40	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
41	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
42	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
43	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
44	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
45	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
46	One-Pot Synthesis of Multi-Branch Gold Nanoparticles and Investigation of Their SERS Performance. <i>Biosensors</i> , 2018, 8, 113.	2.3	15
47	Three-arm windmill plasmonic nanoantenna: polarization and symmetry-dependent optical characteristics. , 2018, , .		1
48	Evaluating cellular uptake of gold nanoparticles in HL-7702 and HepG2 cells for plasmonic photothermal therapy. <i>Nanomedicine</i> , 2018, 13, 2245-2259.	1.7	14
49	Construction of Long Narrow Gaps in Ag Nanoplates. <i>Journal of the American Chemical Society</i> , 2018, 140, 15560-15563.	6.6	91
50	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
51	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
52	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
53	Engineered plasmonic Thue-Morse nanostructures for LSPR detection of the pesticide Thiram. <i>Nanophotonics</i> , 2017, 6, 1083-1092.	2.9	17
54	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

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55	Dual-functional Fe ₃ O ₄ @SiO ₂ @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
56	Seed-mediated synthesis and SERS performance of graphene oxide-wrapped Ag nanomushroom. <i>Scientific Reports</i> , 2017, 7, 9795.	1.6	25
57	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
58	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
59	Decrease of amplified spontaneous emission threshold achieved by core-shell Ag nanocube@SiO ₂ with ultrasmall shell thicknesses. <i>Materials Research Express</i> , 2017, 4, 115030.	0.8	4
60	Subwavelength InSb-based Slot waveguides for THz transport: concept and practical implementations. <i>Scientific Reports</i> , 2016, 6, 38784.	1.6	26
61	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
62	Bifunctional 4MBA mediated recyclable SERS-based immunoassay induced by photocatalytic activity of TiO ₂ nanotube arrays. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 23795-23802.	1.3	16
63	Polyhedron Cu ₂ O@Ag composite microstructures: synthesis, mechanism analysis and structure-dependent SERS properties. <i>RSC Advances</i> , 2016, 6, 99105-99113.	1.7	15
64	Intense and stable surface-enhanced Raman scattering from Ag@mesoporous SiO ₂ film. <i>Journal of Luminescence</i> , 2016, 177, 387-393.	1.5	13
65	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
66	Enhanced photoluminescence from porous silicon microcavities by rare earth doping. <i>Optoelectronics Letters</i> , 2016, 12, 5-7.	0.4	4
67	Hydrothermal synthesis of Ag@MSiO ₂ @Ag three core-shell nanoparticles and their sensitive and stable SERS properties. <i>Nanoscale</i> , 2016, 8, 4908-4914.	2.8	49
68	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
69	SERS-based immunoassay using a core-shell SiO ₂ @Ag immune probe and Ag-decorated NiCo ₂ O ₄ nanorods immune substrate. <i>RSC Advances</i> , 2016, 6, 708-715.	1.7	19
70	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
71	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
72	Synthesis, Modification, and Biosensing Characteristics of Au ₂ S/AuAgS-Coated Gold Nanorods. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-8.	1.5	1

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73	Plasmonic octagonal quasicrystals for surface enhanced Raman sensing. <i>International Journal of Higher Education Management</i> , 2015, 1, 47-51.	1.0	11
74	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
75	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
76	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
77	In situ controlled sputtering deposition of gold nanoparticles on MnO ₂ nanorods as surface-enhanced Raman scattering substrates for molecular detection. <i>Dalton Transactions</i> , 2015, 44, 7606-7612.	1.6	26
78	4MBA-labeled Ag-nanorod aggregates coated with SiO ₂ : synthesis, SERS activity, and biosensing applications. <i>Analytical Methods</i> , 2015, 7, 8832-8838.	1.3	9
79	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
80	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
81	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
82	M-Z 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
83	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
84	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
85	Optimizing Au/Ag core-shell nanorods: purification, stability, and surface modification. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	9
86	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
87	Controllable synthesis and SERS characteristics of hollow sea-urchin gold nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 25601-25608.	1.3	35
88	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
89	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
90	Greatly enhanced Raman scattering and upconversion luminescence of Au-NaYF ₄ nanocomposites. <i>Journal of Luminescence</i> , 2014, 156, 164-169.	1.5	12

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91	Design of single-mode large-mode area bandgap fibre with microstructured-core. Optics Communications, 2014, 330, 117-121.	1.0	3
92	Effect of Polarization-Matched n-Type AlGaInN Electron-Blocking Layer on the Optoelectronic Properties of Blue InGaN Light-Emitting Diodes. Journal of Display Technology, 2013, 9, 244-248.	1.3	12
93	Antifreeze protein detection using Rhodamine B as photoluminescence label in Porous silicon. Current Applied Physics, 2013, 13, 736-742.	1.1	15
94	Developing controllable anisotropic wet etching to achieve silicon nanorods, nanopencils and nanocones for efficient photon trapping. Journal of Materials Chemistry A, 2013, 1, 9942.	5.2	77
95	High-Sensitivity Displacement Sensor Based on a Bent Fiber Mach-Zehnder Interferometer. IEEE Photonics Technology Letters, 2013, 25, 2354-2357.	1.3	68
96	Citric acid-assisted phase controlled synthesis of NaYF ₄ :Yb ³⁺ ,Tm ³⁺ crystals and their intense ultraviolet upconversion emissions. Journal of Fluorine Chemistry, 2013, 156, 177-182.	0.9	25
97	Porous silicon optical microcavity biosensor on silicon-on-insulator wafer for sensitive DNA detection. Biosensors and Bioelectronics, 2013, 44, 89-94.	5.3	107
98	Tamm states of one-dimensional metal-dielectric photonic crystal. IET Optoelectronics, 2013, 7, 9-13.	1.8	8
99	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
100	All-Fiber Modal Interferometer Based on a Joint-Taper-Joint Fiber Structure for Refractive Index Sensing With High Sensitivity. IEEE Sensors Journal, 2013, 13, 2780-2785.	2.4	36
101	Single-mode fiber refractive index sensor with large lateral offset fusion splicing between two abrupt tapers. Optical Engineering, 2012, 51, 090502-1.	0.5	9
102	Surface plasmon amplification characteristics of an active three-layer nanoshell-based spaser. Journal of Applied Physics, 2012, 112, 074309.	1.1	23
103	Tunable multichannel nonreciprocal perfect absorber based on resonant absorption. Optics Letters, 2012, 37, 2613.	1.7	21
104	Fabrication and characteristics of low loss and single-mode channel waveguides based on DNA-HCTAC biopolymer material. Optoelectronics Letters, 2012, 8, 97-100.	0.4	2
105	Design of novel 1x4 power splitter by directional coupling between photonic crystal waveguides. , 2011, , .		0
106	Femtosecond and nanosecond laser fabricated substrate for surface-enhanced Raman scattering. Optics Letters, 2011, 36, 3353.	1.7	19
107	Novel hybrid organic/inorganic 2D quasiperiodic PC: from diffraction pattern to vertical light extraction. Nanoscale Research Letters, 2011, 6, 371.	3.1	16
108	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

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109	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
110	Fractal characteristics of far-field diffraction patterns for two-dimensional Thue-Morse quasicrystals. <i>Optoelectronics Letters</i> , 2011, 7, 346-349.	0.4	1
111	Design of novel power splitters by directional coupling between photonic crystal waveguides. <i>Optoelectronics Letters</i> , 2010, 6, 417-420.	0.4	8
112	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
113	Design of all-solid large-mode area microstructured-core optical fibers. <i>Optics Communications</i> , 2010, 283, 3153-3157.	1.0	15
114	Laser-treated substrate with nanoparticles for surface-enhanced Raman scattering. <i>Optics Letters</i> , 2010, 35, 941.	1.7	26
115	Fabrication of low-loss, single-mode-channel waveguide with DNA-CTMA biopolymer by multistep processing technology. <i>Optics Letters</i> , 2010, 35, 1512.	1.7	15
116	Coupling characteristics of three-core photonic crystal fiber couplers. <i>Journal of Optics</i> , 2009, 11, 015102.	1.5	8
117	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
118	Mode converter based on mode coupling in an asymmetric dual-core photonic crystal fibre. <i>Journal of Optics</i> , 2008, 10, 115304.	1.5	16
119	Fabrication of polymer integrated optical microring resonator with photobleaching method. , 2007, , .		0
120	Different discrete soliton states in periodic optical induced waveguide lattice. <i>Optics Express</i> , 2007, 15, 6232.	1.7	5
121	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
122	Photobleaching Fabrication of Microring Resonator in a Chromophore-Containing Polymer. <i>IEEE Photonics Technology Letters</i> , 2006, 18, 2221-2223.	1.3	18
123	Polarization-Independent Splitter Based on All-Solid Silica-Based Photonic-Crystal Fibers. <i>Journal of Lightwave Technology</i> , 2006, 24, 5082-5086.	2.7	17
124	New design of the low crosstalk and low-loss AWG with optimal waveguide separations and orientation angle of slabs. , 2006, 6149, 554.		0
125	Study of the mechanism of overlays acting on laser shock waves. <i>Journal of Applied Physics</i> , 2006, 100, 103517.	1.1	25
126	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

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127	Z-scan measurement of a novel amorphous molecular material. Optics Communications, 2001, 191, 427-433.	1.0	16
128	Observation of switching phenomena in a nonether polyphenylquinoxaline planar waveguide with two-wavelength nonlinear prism coupling. Optics Letters, 1997, 22, 1482.	1.7	13