

Hongmei Liu

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

425
citations

1163117

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19
all docs

19
docs citations

19
times ranked

509
citing authors

#	ARTICLE	IF	CITATIONS
1	Random Laser Based on Waveguided Plasmonic Gain Channels. Nano Letters, 2011, 11, 4295-4298.	9.1	166
2	A Biosensor Based on Metallic Photonic Crystals for the Detection of Specific Bioreactions. Advanced Functional Materials, 2011, 21, 4219-4227.	14.9	59
3	Centimeter-scale-homogeneous SERS substrates with seven-order global enhancement through thermally controlled plasmonic nanostructures. Nanoscale, 2014, 6, 5099-5105.	5.6	39
4	Sensors Based on Plasmonic-Photonic Coupling in Metallic Photonic Crystals. Sensors, 2012, 12, 12082-12097.	3.8	38
5	Plasmonic nano-ring arrays through patterning gold nanoparticles into interferograms. Optics Express, 2013, 21, 15314.	3.4	27
6	Soft plasmons with stretchable spectroscopic response based on thermally patterned gold nanoparticles. Scientific Reports, 2014, 4, 4182.	3.3	25
7	Gold-Stabilized Gold-Silver Alloy Nanostructures as High-Performance SERS Substrate. Plasmonics, 2020, 15, 2027-2032.	3.4	10
8	Polymer Lasing in a Periodic-Random Compound Cavity. Polymers, 2018, 10, 1194.	4.5	9
9	Annealing Process in the Refurbishment of the Plasmonic Photonic Structures Fabricated Using Colloidal Gold Nanoparticles. Plasmonics, 2011, 6, 273-279.	3.4	8
10	Direct Nanopatterning Into Conjugated Polymers Using Interference Crosslinking. Macromolecular Chemistry and Physics, 2012, 213, 1285-1290.	2.2	8
11	Direct writing of flexible bimetallic nanoparticles for hybrid plasmon response. Applied Physics Letters, 2014, 105, 151908.	3.3	7
12	A SERS-active capillary for direct molecular trace detection in liquids. Nanoscale Advances, 2021, 3, 2617-2622.	4.6	7
13	Enhanced optical response in doubly waveguided plasmonic gratings. Applied Physics Letters, 2008, 93, 093113.	3.3	5
14	Stretchable polymeric modulator for intracavity spectroscopic broadening of femtosecond optical parametric oscillators. Applied Physics Letters, 2014, 105, .	3.3	5
15	Molecular trace detection in liquids using refocusing optical feedback by a silver-coated capillary. Nanoscale Advances, 2021, 3, 6934-6939.	4.6	4
16	Charge-transfer complex coupled between polymer and H ₂ O aggregate molecular crystals. Journal of Polymer Science, Part B: Polymer Physics, 2013, 51, 749-755.	2.1	3
17	A Plasmonic Photonic Diode for Unidirectional Focusing, Imaging, and Wavelength Division De-Multiplexing. Advanced Optical Materials, 2014, 2, 355-363.	7.3	3
18	Particle plasmon-induced charge trapping at heterointerfaces in PCDTBT:PC ₇₀ BM blends. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 940-947.	2.1	2

#	ARTICLE	IF	CITATIONS
19	Optical Diodes: A Plasmonic Photonic Diode for Unidirectional Focusing, Imaging, and Wavelength Division De-Multiplexing (Advanced Optical Materials 4/2014). Advanced Optical Materials, 2014, 2, 354-354.	7.3	0