

# Hongmei Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7310766/publications.pdf>

Version: 2024-02-01

19  
papers

425  
citations

1163117

8  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

509  
citing authors

#	ARTICLE	IF	CITATIONS
1	A SERS-active capillary for direct molecular trace detection in liquids. <i>Nanoscale Advances</i> , 2021, 3, 2617-2622.	4.6	7
2	Molecular trace detection in liquids using refocusing optical feedback by a silver-coated capillary. <i>Nanoscale Advances</i> , 2021, 3, 6934-6939.	4.6	4
3	Gold-Stabilized Gold-Silver Alloy Nanostructures as High-Performance SERS Substrate. <i>Plasmonics</i> , 2020, 15, 2027-2032.	3.4	10
4	Polymer Lasing in a Periodic-Random Compound Cavity. <i>Polymers</i> , 2018, 10, 1194.	4.5	9
5	Particle plasmon-induced charge trapping at heterointerfaces in PCDTBT:PC <sub>70</sub> BM blends. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 940-947.	2.1	2
6	Direct writing of flexible bimetallic nanoparticles for hybrid plasmon response. <i>Applied Physics Letters</i> , 2014, 105, 151908.	3.3	7
7	Stretchable polymeric modulator for intracavity spectroscopic broadening of femtosecond optical parametric oscillators. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	5
8	A Plasmonic Photonic Diode for Unidirectional Focusing, Imaging, and Wavelength Division De-Multiplexing. <i>Advanced Optical Materials</i> , 2014, 2, 355-363.	7.3	3
9	Optical Diodes: A Plasmonic Photonic Diode for Unidirectional Focusing, Imaging, and Wavelength Division De-Multiplexing ( <i>Advanced Optical Materials</i> 4/2014). <i>Advanced Optical Materials</i> , 2014, 2, 354-354.	7.3	0
10	Centimeter-scale-homogeneous SERS substrates with seven-order global enhancement through thermally controlled plasmonic nanostructures. <i>Nanoscale</i> , 2014, 6, 5099-5105.	5.6	39
11	Soft plasmons with stretchable spectroscopic response based on thermally patterned gold nanoparticles. <i>Scientific Reports</i> , 2014, 4, 4182.	3.3	25
12	Charge-transfer complex coupled between polymer and H <sub>2</sub> O aggregate molecular crystals. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2013, 51, 749-755.	2.1	3
13	Plasmonic nano-ring arrays through patterning gold nanoparticles into interferograms. <i>Optics Express</i> , 2013, 21, 15314.	3.4	27
14	Sensors Based on Plasmonic-Photonic Coupling in Metallic Photonic Crystals. <i>Sensors</i> , 2012, 12, 12082-12097.	3.8	38
15	Direct Nanopatterning Into Conjugated Polymers Using Interference Crosslinking. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 1285-1290.	2.2	8
16	Random Laser Based on Waveguided Plasmonic Gain Channels. <i>Nano Letters</i> , 2011, 11, 4295-4298.	9.1	166
17	Annealing Process in the Refurbishment of the Plasmonic Photonic Structures Fabricated Using Colloidal Gold Nanoparticles. <i>Plasmonics</i> , 2011, 6, 273-279.	3.4	8
18	A Biosensor Based on Metallic Photonic Crystals for the Detection of Specific Bioreactions. <i>Advanced Functional Materials</i> , 2011, 21, 4219-4227.	14.9	59

#	ARTICLE	IF	CITATIONS
19	Enhanced optical response in doubly waveguided plasmonic gratings. Applied Physics Letters, 2008, 93, 093113.	3.3	5