

Ying Bao

List of Publications by Year in descending order

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22
papers

650
citations

687363

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h-index

677142

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22
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22
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22
times ranked

1164
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrospun Nanofibrous Membranes Surface-Decorated with Silver Nanoparticles as Flexible and Active/Sensitive Substrates for Surface-Enhanced Raman Scattering. <i>Langmuir</i> , 2012, 28, 14433-14440.	3.5	119
2	Individual nanostructured materials: fabrication and surface-enhanced Raman scattering. <i>Chemical Communications</i> , 2012, 48, 7003.	4.1	106
3	SERS-active silver nanoparticles on electrospun nanofibers facilitated via oxygen plasma etching. <i>RSC Advances</i> , 2013, 3, 8998.	3.6	51
4	Driven optical matter: Dynamics of electrodynamically coupled nanoparticles in an optical ring vortex. <i>Physical Review E</i> , 2017, 95, 022604.	2.1	47
5	Layer-by-layer assembly of freestanding thin films with homogeneously distributed upconversion nanocrystals. <i>Journal of Materials Chemistry</i> , 2010, 20, 8356.	6.7	40
6	Optical Printing of Electrodynamically Coupled Metallic Nanoparticle Arrays. <i>Journal of Physical Chemistry C</i> , 2014, 118, 19315-19321.	3.1	40
7	Upconversion polymeric nanofibers containing lanthanide-doped nanoparticles via electrospinning. <i>Nanoscale</i> , 2012, 4, 7369.	5.6	36
8	Enhancing Nanoparticle Electrodynamics with Gold Nanoplate Mirrors. <i>Nano Letters</i> , 2014, 14, 2436-2442.	9.1	32
9	Reactive optical matter: light-induced motility in electrodynamically asymmetric nanoscale scatterers. <i>Light: Science and Applications</i> , 2018, 7, 105.	16.6	26
10	Robust Multilayer Thin Films Containing Cationic Thiol-Functionalized Gold Nanorods for Tunable Plasmonic Properties. <i>Langmuir</i> , 2012, 28, 923-930.	3.5	25
11	Structure evolution and SERS activation of cuprous oxide microcrystals via chemical etching. <i>Journal of Materials Chemistry A</i> , 2013, 1, 8790.	10.3	24
12	Dumbbell-Like Silica Coated Gold Nanorods and Their Plasmonic Properties. <i>Langmuir</i> , 2019, 35, 16886-16892.	3.5	23
13	Dynamics of the Optically Directed Assembly and Disassembly of Gold Nanoplatelet Arrays. <i>Nano Letters</i> , 2018, 18, 3391-3399.	9.1	20
14	Plasmonic Detection of Mercury via Amalgamation on Gold Nanorods Coated with PEG-Thiol. <i>ACS Applied Nano Materials</i> , 2021, 4, 1654-1663.	5.0	12
15	Self-Organizing Arrays of Size Scalable Nanoparticle Rings. <i>ACS Nano</i> , 2016, 10, 8947-8955.	14.6	10
16	Manipulating the Collective Surface Plasmon Resonances of Aligned Gold Nanorods in Electrospun Composite Nanofibers. <i>Journal of Physical Chemistry C</i> , 2013, 117, 21490-21497.	3.1	8
17	Oligonucleotide-Polymer Conjugates: From Molecular Basics to Practical Application. <i>Topics in Current Chemistry</i> , 2020, 378, 24.	5.8	8
18	Photothermal-enhanced peroxidase-like activity of CDs/PBNPs for the detection of Fe ³⁺ and cholesterol in serum samples. <i>Mikrochimica Acta</i> , 2022, 189, 30.	5.0	7

#	ARTICLE	IF	CITATIONS
19	Morphology control of SERS-active 2D gold nanosnowflakes. <i>Journal of Materials Chemistry C</i> , 2020, 8, 12427-12436.	5.5	6
20	In Situ Generation of Catalytically Relevant Nanoparticles from a Molecular Pincer Iridium Precatalyst during Polyol Deoxygenation. <i>ACS Catalysis</i> , 2021, 11, 495-501.	11.2	5
21	Correlative imaging across microscopy platforms using the fast and accurate relocation of microscopic experimental regions (FARMER) method. <i>Review of Scientific Instruments</i> , 2017, 88, 053702.	1.3	4
22	Environment-dependent optical scattering of cuprous oxide microcrystals in liquid dispersions and Langmuir-Blodgett films. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5910-5915.	5.5	1