

# Xiaolu Zhuo

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31  
papers

1,428  
citations

16  
h-index

34  
g-index

34  
ext. papers

1,771  
ext. citations

12.8  
avg, IF

5.23  
L-index

#	Paper	IF	Citations
31	The Influence of Size, Shape, and Twin Boundaries on Heat-Induced Alloying in Individual Au@Ag Core-Shell Nanoparticles. <i>Small</i> , <b>2021</b> , 17, e2102348	11	1
30	Electromagnetic Resonance-Modulated Magnetic Emission in Europium-Doped Sub-Micrometer Zirconia Spheres. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2002212	8.1	5
29	Real-Time Reconstruction of Arbitrary Slices for Quantitative and In Situ 3D Characterization of Nanoparticles. <i>Particle and Particle Systems Characterization</i> , <b>2020</b> , 37, 2000073	3.1	9
28	Shielded Silver Nanorods for Bioapplications. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 5879-5889	9.6	13
27	Tuning Size and Seed Position in Small Silver Nanorods <b>2020</b> , 2, 1246-1250		6
26	ALPcS-loaded gold nanobipyramids with high two-photon efficiency for photodynamic therapy in vivo. <i>Nanoscale</i> , <b>2019</b> , 11, 3386-3395	7.7	16
25	Chemically Synthesized Electromagnetic Metal Oxide Nanoresonators. <i>Advanced Optical Materials</i> , <b>2019</b> , 7, 1900396	8.1	8
24	Dopamine-Mediated Assembly of Citrate-Capped Plasmonic Nanoparticles into Stable Core-Shell Nanoworms for Intracellular Applications. <i>ACS Nano</i> , <b>2019</b> , 13, 5864-5884	16.7	33
23	Colour routing with single silver nanorods. <i>Light: Science and Applications</i> , <b>2019</b> , 8, 39	16.7	18
22	Gold Nanobipyramids: An Emerging and Versatile Type of Plasmonic Nanoparticles. <i>Accounts of Chemical Research</i> , <b>2019</b> , 52, 2136-2146	24.3	65
21	Colloidal Gold Nanorings and Their Plasmon Coupling with Gold Nanospheres. <i>Small</i> , <b>2019</b> , 15, e1902608	11	24
20	Electrocatalytic glycerol oxidation enabled by surface plasmon polariton-induced hot carriers in Kretschmann configuration. <i>Nanoscale</i> , <b>2019</b> , 11, 23234-23240	7.7	2
19	Broadside Nanoantennas Made of Single Silver Nanorods. <i>ACS Nano</i> , <b>2018</b> , 12, 1720-1731	16.7	15
18	Circular Gold Nanodisks with Synthetically Tunable Diameters and Thicknesses. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1705516	15.6	36
17	Active Plasmonics: Principles, Structures, and Applications. <i>Chemical Reviews</i> , <b>2018</b> , 118, 3054-3099	68.1	340
16	Infrared-Responsive Colloidal Silver Nanorods for Surface-Enhanced Infrared Absorption. <i>Advanced Optical Materials</i> , <b>2018</b> , 6, 1800436	8.1	25
15	Advanced Plasmonic Materials for Dynamic Color Display. <i>Advanced Materials</i> , <b>2018</b> , 30, e1704338	2.4	122

14	Selective Pd Deposition on Au Nanobipyramids and Pd Site-Dependent Plasmonic Photocatalytic Activity. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1700016	15.6	64
13	Polydopamine-based concentric nanoshells with programmable architectures and plasmonic properties. <i>Nanoscale</i> , <b>2017</b> , 9, 16968-16980	7.7	27
12	Gold Nanobipyramid-Enhanced Hydrogen Sensing with Plasmon Red Shifts Reaching 140 nm at 2 vol% Hydrogen Concentration. <i>Advanced Optical Materials</i> , <b>2017</b> , 5, 1700740	8.1	28
11	Realization of Red Plasmon Shifts up to ~900 nm by AgPd-Tipping Elongated Au Nanocrystals. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 13837-13846	16.4	69
10	Dielectric nanoresonators for light manipulation. <i>Physics Reports</i> , <b>2017</b> , 701, 1-50	27.7	108
9	Gold Nanobipyramid-Supported Silver Nanostructures with Narrow Plasmon Linewidths and Improved Chemical Stability. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 341-352	15.6	87
8	Gold Nanobipyramid-Directed Growth of Length-Variable Silver Nanorods with Multipolar Plasmon Resonances. <i>ACS Nano</i> , <b>2015</b> , 9, 7523-35	16.7	102
7	Effects of crystallographic facet-specific peptide adsorption along single ZnO nanorods on the characteristic fluorescence intensification on nanorod ends (FINE) phenomenon. <i>Nanoscale</i> , <b>2015</b> , 7, 18813-26	7.7	6
6	Production of Monodisperse Gold Nanobipyramids with Number Percentages Approaching 100% and Evaluation of Their Plasmonic Properties. <i>Advanced Optical Materials</i> , <b>2015</b> , 3, 801-812	8.1	163
5	Physicochemical and chromatographic characteristics of random amphiphilic copolymer aggregation in electrokinetic chromatography. <i>Journal of Chromatography A</i> , <b>2014</b> , 1365, 219-25	4.5	
4	Amphiphilic polymeric micelle as pseudostationary phase in electrokinetic chromatography for analysis of eight corticosteroids in cosmetics. <i>Electrophoresis</i> , <b>2014</b> , 35, 827-35	3.6	10
3	Slab thickness tuning approach for solid-state strong coupling between photonic crystal slab nanocavity and a quantum dot. <i>Nanoscale Research Letters</i> , <b>2013</b> , 8, 187	5	4
2	Ab initio determination of local coupling interaction in arbitrary nanostructures: Application to photonic crystal slabs and cavities. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	14
1	Vacuum Rabi splitting in a coupled system of single quantum dot and photonic crystal cavity: effect of local and propagation Green's functions. <i>Optics Express</i> , <b>2013</b> , 21, 23486-97	3.3	5