

Jun Lu

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

540
citations

933447

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h-index

1058476

14
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all docs

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docs citations

15
times ranked

642
citing authors

#	ARTICLE	IF	CITATIONS
1	Gold Nanoparticle Enantiomers and Their Chiral-Morphology Dependence of Cellular Uptake. <i>CCS Chemistry</i> , 2022, 4, 660-670.	7.8	39
2	Third-harmonic Mie scattering from semiconductor nanohelices. <i>Nature Photonics</i> , 2022, 16, 126-133.	31.4	31
3	Serum albumin guided plasmonic nanoassemblies with opposite chiralities. <i>Soft Matter</i> , 2021, 17, 6298-6304.	2.7	17
4	Cerium doped ZIF nanoparticles and hydroxyapatite co-deposited coating on titanium dioxide nanotubes array exhibiting biocompatibility and antibacterial property. <i>Nano Select</i> , 2021, 2, 1225-1232.	3.7	0
5	Enhanced optical asymmetry in supramolecular chiroplasmonic assemblies with long-range order. <i>Science</i> , 2021, 371, 1368-1374.	12.6	168
6	Frustrated self-assembly of non-Euclidean crystals of nanoparticles. <i>Nature Communications</i> , 2021, 12, 4925.	12.8	12
7	Emerging Trends in Chiral Inorganic Nanostructures. <i>Israel Journal of Chemistry</i> , 2021, 61, 851-862.	2.3	15
8	Self-Assembly Mechanism of Complex Corrugated Particles. <i>Journal of the American Chemical Society</i> , 2021, 143, 19655-19667.	13.7	20
9	Self-Assembly of Chiral Nanoparticles into Semiconductor Helices with Tunable near-Infrared Optical Activity. <i>Chemistry of Materials</i> , 2020, 32, 476-488.	6.7	79
10	In Situ Seed-Mediated Growth of Polymer-Grafted Gold Nanoparticles. <i>Langmuir</i> , 2020, 36, 789-795.	3.5	9
11	Chiomagnetic Properties of Semiconductor Nanorods. <i>Matter</i> , 2020, 2, 1089-1090.	10.0	3
12	A non-sacrificial method for the quantification of poly(ethylene glycol) grafting density on gold nanoparticles for applications in nanomedicine. <i>Chemical Science</i> , 2019, 10, 2067-2074.	7.4	37
13	Chiral Plasmonic Nanochains <i>via</i> the Self-Assembly of Gold Nanorods and Helical Glutathione Oligomers Facilitated by Cetyltrimethylammonium Bromide Micelles. <i>ACS Nano</i> , 2017, 11, 3463-3475.	14.6	95
14	Formation of lamellar micelle-like oligomers and membrane disruption revealed by the study of short peptide hIAPP ₁₈₋₂₇ . <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 29847-29857.	2.8	9
15	Rigorous solutions of diatomic molecule oscillator with empirical potential function in phase space. <i>Journal of Chemical Physics</i> , 2000, 113, 4565-4571.	3.0	6