

# Jun Lu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/971369/publications.pdf>

Version: 2024-02-01

15  
papers

540  
citations

933447

10  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

642  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced optical asymmetry in supramolecular chiroplasmonic assemblies with long-range order. <i>Science</i> , 2021, 371, 1368-1374.	12.6	168
2	Chiral Plasmonic Nanochains via 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
3	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
4	Gold Nanoparticle Enantiomers and Their Chiral-Morphology Dependence of Cellular Uptake. <i>CCS Chemistry</i> , 2022, 4, 660-670.	7.8	39
5	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
6	Third-harmonic Mie scattering from semiconductor nanohelices. <i>Nature Photonics</i> , 2022, 16, 126-133.	31.4	31
7	Self-Assembly Mechanism of Complex Corrugated Particles. <i>Journal of the American Chemical Society</i> , 2021, 143, 19655-19667.	13.7	20
8	Serum albumin guided plasmonic nanoassemblies with opposite chiralities. <i>Soft Matter</i> , 2021, 17, 6298-6304.	2.7	17
9	Emerging Trends in Chiral Inorganic Nanostructures. <i>Israel Journal of Chemistry</i> , 2021, 61, 851-862.	2.3	15
10	Frustrated self-assembly of non-Euclidean crystals of nanoparticles. <i>Nature Communications</i> , 2021, 12, 4925.	12.8	12
11	Formation of lamellar micelle-like oligomers and membrane disruption revealed by the study of short peptide hIAPP <sub>18-27</sub> . <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 29847-29857.	2.8	9
12	In Situ Seed-Mediated Growth of Polymer-Grafted Gold Nanoparticles. <i>Langmuir</i> , 2020, 36, 789-795.	3.5	9
13	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
14	Chiomagnetic Properties of Semiconductor Nanorods. <i>Matter</i> , 2020, 2, 1089-1090.	10.0	3
15	Cerium doped ZIF nanoparticles and hydroxyapatite deposited coating on titanium dioxide nanotubes array exhibiting biocompatibility and antibacterial property. <i>Nano Select</i> , 2021, 2, 1225-1232.	3.7	0