

# Yao Xue

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3599881/publications.pdf>

Version: 2024-02-01

13  
papers

420  
citations

1307594

7  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

551  
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 <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
3	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
4	Photodirected Morphing Structures of Nanocomposite Shape Memory Hydrogel with High Stiffness and Toughness. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 43631-43640.	8.0	32
5	Tuning the Chiral Morphology of Gold Nanoparticles with Oligomeric Gold-Glutathione Complexes. <i>Journal of Physical Chemistry C</i> , 2021, 125, 10708-10715.	3.1	30
6	Emerging Trends in Chiral Inorganic Nanostructures. <i>Israel Journal of Chemistry</i> , 2021, 61, 851-862.	2.3	15
7	Physisorption of Poly(ethylene glycol) on Inorganic Nanoparticles. <i>ACS Nano</i> , 2022, 16, 6634-6645.	14.6	14
8	$\gamma$ -Solvent-Mediated Double-Shell Polyethylene Glycol Brushes on Nanoparticles for Improved Stealth Properties and Delivery Efficiency. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 5363-5370.	4.6	8
9	Oxidative Elimination and Reductive Addition of Thiol-Terminated Polymer Ligands to Metal Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	8
10	Solvent-Evaporation Induced and Mechanistic Entropy-Enthalpy-Balance Controlled Polymer Patch Formation on Nanoparticle Surfaces. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 7100-7105.	4.6	7
11	Dopamine Functionalized Polyethylene Glycol for Improving Stability of Gold Nanoparticles against Reactive Oxygen Species in Serum. <i>Macromolecular Rapid Communications</i> , 2022, , 2200035.	3.9	4
12	Covalently assembled ultrathin polymer nanocapsules to mimic a multienzyme-cascade antioxidative system. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2797-2804.	5.9	2
13	Oxidative Elimination and Reductive Addition of Thiol-Terminated Polymer Ligands to Metal Nanoparticles. <i>Angewandte Chemie</i> , 0, , .	2.0	0