

# Zhi Luo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/282438/publications.pdf>

Version: 2024-02-01

21  
papers

480  
citations

840776

11  
h-index

713466

21  
g-index

27  
all docs

27  
docs citations

27  
times ranked

750  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Ligand Shell for Mixed-Ligand Coated Gold Nanoparticles. <i>Accounts of Chemical Research</i> , 2017, 50, 1911-1919.	15.6	88
2	Digital light 3D printing of customized bioresorbable airway stents with elastomeric properties. <i>Science Advances</i> , 2021, 7, .	10.3	69
3	Quantitative 3D determination of self-assembled structures on nanoparticles using small angle neutron scattering. <i>Nature Communications</i> , 2018, 9, 1343.	12.8	54
4	Continuous color tuning of single-fluorophore emission via polymerization-mediated through-space charge transfer. <i>Science Advances</i> , 2021, 7, .	10.3	43
5	Evolution of the Ligand Shell Morphology during Ligand Exchange Reactions on Gold Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13521-13525.	13.8	34
6	Inhibitors of Calcium Oxalate Crystallization for the Treatment of Oxalate Nephropathies. <i>Advanced Science</i> , 2020, 7, 1903337.	11.2	27
7	Solvent-Free Three-Dimensional Printing of Biodegradable Elastomers Using Liquid Macrophotoinitiators. <i>Macromolecules</i> , 2021, 54, 7830-7839.	4.8	25
8	Physical methods for enhancing drug absorption from the gastrointestinal tract. <i>Advanced Drug Delivery Reviews</i> , 2021, 175, 113814.	13.7	24
9	Freestanding Ultrathin Nanoparticle Membranes Assembled at Transient Liquid-Liquid Interfaces. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600191.	3.7	16
10	Mass spectrometry and Monte Carlo method mapping of nanoparticle ligand shell morphology. <i>Nature Communications</i> , 2018, 9, 4478.	12.8	16
11	The van der Waals Interactions of Alkanethiol-Covered Surfaces: From Planar to Curved Surfaces. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16526-16530.	13.8	12
12	Multidimensional Characterization of Mixed Ligand Nanoparticles Using Small Angle Neutron Scattering. <i>Chemistry of Materials</i> , 2019, 31, 6750-6758.	6.7	12
13	Comparative characterisation of non-monodisperse gold nanoparticle populations by X-ray scattering and electron microscopy. <i>Nanoscale</i> , 2020, 12, 12007-12013.	5.6	10
14	Glutathione as the end capper for cyclodextrin/PEG polyrotaxanes. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014, 32, 1003-1009.	3.8	9
15	3D printing of a controlled fluoride delivery device for the prevention and treatment of tooth decay. <i>Journal of Controlled Release</i> , 2022, 348, 870-880.	9.9	9
16	Determination and evaluation of the nonadditivity in wetting of molecularly heterogeneous surfaces. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25516-25523.	7.1	8
17	Evolution of the Ligand Shell Morphology during Ligand Exchange Reactions on Gold Nanoparticles. <i>Angewandte Chemie</i> , 2017, 129, 13706-13710.	2.0	7
18	Synthesis and Characterization of Amphiphilic Gold Nanoparticles. <i>Journal of Visualized Experiments</i> , 2019, . .	0.3	5

#	ARTICLE	IF	CITATIONS
19	The van der Waals Interactions of <i>n</i> -Alkanethiol-Covered Surfaces: From Planar to Curved Surfaces. <i>Angewandte Chemie</i> , 2017, 129, 16753-16757.	2.0	4
20	Reproducibility warning: The curious case of polyethylene glycol 6000 and spheroid cell culture. <i>PLoS ONE</i> , 2020, 15, e0224002.	2.5	4
21	Quantification of surface composition and segregation on AuAg bimetallic nanoparticles by MALDI MS. <i>Nanoscale</i> , 2020, 12, 22639-22644.	5.6	3