

Zhi Luo

List of Publications by Year in descending order

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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 | 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 |
| 2 | Digital light 3D printing of customized bioresorbable airway stents with elastomeric properties. <i>Science Advances</i> , 2021, 7, . | 10.3 | 69 |
| 3 | Continuous color tuning of single-fluorophore emission via polymerization-mediated through-space charge transfer. <i>Science Advances</i> , 2021, 7, . | 10.3 | 43 |
| 4 | Physical methods for enhancing drug absorption from the gastrointestinal tract. <i>Advanced Drug Delivery Reviews</i> , 2021, 175, 113814. | 13.7 | 24 |
| 5 | Solvent-Free Three-Dimensional Printing of Biodegradable Elastomers Using Liquid Macrophotoinitiators. <i>Macromolecules</i> , 2021, 54, 7830-7839. | 4.8 | 25 |
| 6 | 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 |
| 7 | Reproducibility warning: The curious case of polyethylene glycol 6000 and spheroid cell culture. <i>PLoS ONE</i> , 2020, 15, e0224002. | 2.5 | 4 |
| 8 | Inhibitors of Calcium Oxalate Crystallization for the Treatment of Oxalate Nephropathies. <i>Advanced Science</i> , 2020, 7, 1903337. | 11.2 | 27 |
| 9 | Quantification of surface composition and segregation on AuAg bimetallic nanoparticles by MALDI MS. <i>Nanoscale</i> , 2020, 12, 22639-22644. | 5.6 | 3 |
| 10 | Synthesis and Characterization of Amphiphilic Gold Nanoparticles. <i>Journal of Visualized Experiments</i> , 2019, , . | 0.3 | 5 |
| 11 | Multidimensional Characterization of Mixed Ligand Nanoparticles Using Small Angle Neutron Scattering. <i>Chemistry of Materials</i> , 2019, 31, 6750-6758. | 6.7 | 12 |
| 12 | 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 |
| 13 | Mass spectrometry and Monte Carlo method mapping of nanoparticle ligand shell morphology. <i>Nature Communications</i> , 2018, 9, 4478. | 12.8 | 16 |
| 14 | Quantitative 3D determination of self-assembled structures on nanoparticles using small angle neutron scattering. <i>Nature Communications</i> , 2018, 9, 1343. | 12.8 | 54 |
| 15 | 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 |
| 16 | The van der Waals Interactions of <i>n</i> -Alkanethiol-Covered Surfaces: From Planar to Curved Surfaces. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16526-16530. | 13.8 | 12 |
| 17 | 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 |
| 18 | Evolution of the Ligand Shell Morphology during Ligand Exchange Reactions on Gold Nanoparticles. <i>Angewandte Chemie</i> , 2017, 129, 13706-13710. | 2.0 | 7 |

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|----|---|------|-----------|
| 19 | Characterization of Ligand Shell for Mixed-Ligand Coated Gold Nanoparticles. <i>Accounts of Chemical Research</i> , 2017, 50, 1911-1919. | 15.6 | 88 |
| 20 | Freestanding Ultrathin Nanoparticle Membranes Assembled at Transient Liquid-Liquid Interfaces. <i>Advanced Materials Interfaces</i> , 2016, 3, 1600191. | 3.7 | 16 |
| 21 | 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 |