

Kaiyuan Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

3,071
citations

331670

21
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

3995
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial silver nanomaterials. <i>Coordination Chemistry Reviews</i> , 2018, 357, 1-17.	18.8	499
2	Antimicrobial Gold Nanoclusters. <i>ACS Nano</i> , 2017, 11, 6904-6910.	14.6	469
3	Engineering ultrasmall water-soluble gold and silver nanoclusters for biomedical applications. <i>Chemical Communications</i> , 2014, 50, 5143-5155.	4.1	394
4	Antimicrobial Cluster Bombs: Silver Nanoclusters Packed with Daptomycin. <i>ACS Nano</i> , 2016, 10, 7934-7942.	14.6	304
5	Bio-NCs – the marriage of ultrasmall metal nanoclusters with biomolecules. <i>Nanoscale</i> , 2014, 6, 13328-13347.	5.6	199
6	Recent advances in the synthesis, characterization, and biomedical applications of ultrasmall thiolated silver nanoclusters. <i>RSC Advances</i> , 2014, 4, 60581-60596.	3.6	128
7	Boiling water synthesis of ultrastable thiolated silver nanoclusters with aggregation-induced emission. <i>Chemical Communications</i> , 2015, 51, 15165-15168.	4.1	128
8	Surface Ligand Chemistry of Gold Nanoclusters Determines Their Antimicrobial Ability. <i>Chemistry of Materials</i> , 2018, 30, 2800-2808.	6.7	115
9	Recent Advances in the Synthesis and Applications of Ultrasmall Bimetallic Nanoclusters. <i>Particle and Particle Systems Characterization</i> , 2015, 32, 613-629.	2.3	102
10	Engineering Ultrasmall Metal Nanoclusters as Promising Theranostic Agents. <i>Trends in Chemistry</i> , 2020, 2, 665-679.	8.5	92
11	Single-Walled Carbon Nanotubes Alter Cytochrome <i>c</i> Electron Transfer and Modulate Mitochondrial Function. <i>ACS Nano</i> , 2012, 6, 10486-10496.	14.6	88
12	Composition-Dependent Antimicrobial Ability of Full-Spectrum Au ₂₅ Ag Alloy Nanoclusters. <i>ACS Nano</i> , 2020, 14, 11533-11541.	14.6	75
13	Real Time Monitoring of the Dynamic Intracluster Diffusion of Single Gold Atoms into Silver Nanoclusters. <i>Journal of the American Chemical Society</i> , 2019, 141, 18977-18983.	13.7	73
14	Synergistic Antimicrobial Titanium Carbide (MXene) Conjugated with Gold Nanoclusters. <i>Advanced Healthcare Materials</i> , 2020, 9, e2001007.	7.6	71
15	Overcoming bacterial physical defenses with molecule-like ultrasmall antimicrobial gold nanoclusters. <i>Bioactive Materials</i> , 2021, 6, 941-950.	15.6	60
16	Facile synthesis of water-soluble Au ₂₅ Ag _x nanoclusters protected by mono- and bi-thiolate ligands. <i>Chemical Communications</i> , 2014, 50, 7459.	4.1	59
17	Storage of Gold Nanoclusters in Muscle Leads to their Biphasic in Vivo Clearance. <i>Small</i> , 2015, 11, 1683-1690.	10.0	55
18	Synergistic Antimicrobial Capability of Magnetically Oriented Graphene Oxide Conjugated with Gold Nanoclusters. <i>Advanced Functional Materials</i> , 2019, 29, 1904603.	14.9	51

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19	Effect of ligand structure on the size control of mono- and bi-thiolate-protected silver nanoclusters. <i>Chemical Communications</i> , 2017, 53, 9697-9700.	4.1	40
20	Observing antimicrobial process with traceable gold nanoclusters. <i>Nano Research</i> , 2021, 14, 1026-1033.	10.4	40
21	Cluster Materials as Traceable Antibacterial Agents. <i>Accounts of Materials Research</i> , 2021, 2, 1104-1116.	11.7	29
22	Synergistic Antimicrobial Nanomaterials: Synergistic Antimicrobial Capability of Magnetically Oriented Graphene Oxide Conjugated with Gold Nanoclusters (<i>Adv. Funct. Mater.</i> 46/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970320.	14.9	0
23	Antimicrobial Properties of Silver and Gold Nanomaterials. , 2022, , .		0