Kaiyuan Zheng

List of Publications by Year
in descending order

23	3,071	377584 21	799663 21
papers	citations	h-index	g-index

23	23	23	4462
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antimicrobial Properties of Silver and Gold Nanomaterials. , 2022, , .		0
2	Overcoming bacterial physical defenses with molecule-like ultrasmall antimicrobial gold nanoclusters. Bioactive Materials, 2021, 6, 941-950.	8.6	60
3	Observing antimicrobial process with traceable gold nanoclusters. Nano Research, 2021, 14, 1026-1033.	5.8	40
4	Cluster Materials as Traceable Antibacterial Agents. Accounts of Materials Research, 2021, 2, 1104-1116.	5.9	29
5	Engineering Ultrasmall Metal Nanoclusters as Promising Theranostic Agents. Trends in Chemistry, 2020, 2, 665-679.	4.4	92
6	Composition-Dependent Antimicrobial Ability of Full-Spectrum Au_xAg_{25â€“x} Alloy Nanoclusters. ACS Nano, 2020, 14, 11533-11541.	7.3	75
7	Synergistic Antimicrobial Titanium Carbide (MXene) Conjugated with Gold Nanoclusters. Advanced Healthcare Materials, 2020, 9, e2001007.	3.9	71
8	Real Time Monitoring of the Dynamic Intracluster Diffusion of Single Gold Atoms into Silver Nanoclusters. Journal of the American Chemical Society, 2019, 141, 18977-18983.	6.6	73
9	Synergistic Antimicrobial Capability of Magnetically Oriented Graphene Oxide Conjugated with Gold Nanoclusters. Advanced Functional Materials, 2019, 29, 1904603.	7.8	51
10	Synergistic Antimicrobial Nanomaterials: Synergistic Antimicrobial Capability of Magnetically Oriented Graphene Oxide Conjugated with Gold Nanoclusters (Adv. Funct. Mater. 46/2019). Advanced Functional Materials, 2019, 29, 1970320.	7.8	0
11	Surface Ligand Chemistry of Gold Nanoclusters Determines Their Antimicrobial Ability. Chemistry of Materials, 2018, 30, 2800-2808.	3.2	115
12	Antimicrobial silver nanomaterials. Coordination Chemistry Reviews, 2018, 357, 1-17.	9.5	499
13	Antimicrobial Gold Nanoclusters. ACS Nano, 2017, 11, 6904-6910.	7.3	469
14	Effect of ligand structure on the size control of mono- and bi-thiolate-protected silver nanoclusters. Chemical Communications, 2017, 53, 9697-9700.	2.2	40
15	Antimicrobial Cluster Bombs: Silver Nanoclusters Packed with Daptomycin. ACS Nano, 2016, 10, 7934-7942.	7.3	304
16	Recent Advances in the Synthesis and Applications of Ultrasmall Bimetallic Nanoclusters. Particle and Particle Systems Characterization, 2015, 32, 613-629.	1.2	102
17	Boiling water synthesis of ultrastable thiolated silver nanoclusters with aggregation-induced emission. Chemical Communications, 2015, 51, 15165-15168.	2.2	128
18	Storage of Gold Nanoclusters in Muscle Leads to their Biphasic in Vivo Clearance. Small, 2015, 11, 1683-1690.	5.2	55

#	Article	IF	Citations
19	Engineering ultrasmall water-soluble gold and silver nanoclusters for biomedical applications. Chemical Communications, 2014, 50, 5143-5155.	2.2	394
20	Recent advances in the synthesis, characterization, and biomedical applications of ultrasmall thiolated silver nanoclusters. RSC Advances, 2014, 4, 60581-60596.	1.7	128
21	Bio-NCs â€“ the marriage of ultrasmall metal nanoclusters with biomolecules. Nanoscale, 2014, 6, 13328-13347.	2.8	199
22	Facile synthesis of water-soluble Au25â€“xAgx nanoclusters protected by mono- and bi-thiolate ligands. Chemical Communications, 2014, 50, 7459.	2.2	59
23	Single-Walled Carbon Nanotubes Alter Cytochrome c Electron Transfer and Modulate Mitochondrial Function. ACS Nano, 2012, 6, 10486-10496.	7.3	88