

Xigao Chen

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

883
citations

686830

13
h-index

839053

18
g-index

18
all docs

18
docs citations

18
times ranked

1493
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell Membrane-Anchored Biosensors for Real-Time Monitoring of the Cellular Microenvironment. <i>Journal of the American Chemical Society</i> , 2014, 136, 13090-13093.	6.6	142
2	A programmable polymer library that enables the construction of stimuli-responsive nanocarriers containing logic gates. <i>Nature Chemistry</i> , 2020, 12, 381-390.	6.6	122
3	Single Nanoparticle to 3D Supercage: Framing for an Artificial Enzyme System. <i>Journal of the American Chemical Society</i> , 2015, 137, 13957-13963.	6.6	106
4	Nâ€Heterocyclic Carbeneâ€Gold(I) Complexes Conjugated to a Leukemiaâ€Specific DNA Aptamer for Targeted Drug Delivery. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8889-8893.	7.2	82
5	Facile approach to prepare HSA-templated MnO ₂ nanosheets as oxidase mimic for colorimetric detection of glutathione. <i>Talanta</i> , 2019, 195, 40-45.	2.9	75
6	Circular Bispecific Aptamer-Mediated Artificial Intercellular Recognition for Targeted T Cell Immunotherapy. <i>ACS Nano</i> , 2020, 14, 9562-9571.	7.3	65
7	An Aptamerâ€Nanotrain Assembled from Sixâ€Letter DNA Delivers Doxorubicin Selectively to Liver Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 663-668.	7.2	61
8	Aptamer Displacement Reaction from Live-Cell Surfaces and Its Applications. <i>Journal of the American Chemical Society</i> , 2019, 141, 17174-17179.	6.6	51
9	Recognitionâ€thenâ€Reaction Enables Siteâ€Selective Bioconjugation to Proteins on Liveâ€Cell Surfaces. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11954-11957.	7.2	37
10	Generalized Preparation of Two-Dimensional Quasi-nanosheets via Self-assembly of Nanoparticles. <i>Journal of the American Chemical Society</i> , 2019, 141, 1725-1734.	6.6	29
11	Three dimensional multipod superstructures based on Cu(OH) ₂ as a highly efficient nanozyme. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4657-4661.	2.9	25
12	Aptamer-Directed Protein-Specific Multiple Modifications of Membrane Glycoproteins on Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 37845-37850.	4.0	22
13	Recognitionâ€thenâ€Reaction Enables Siteâ€Selective Bioconjugation to Proteins on Liveâ€Cell Surfaces. <i>Angewandte Chemie</i> , 2017, 129, 12116-12119.	1.6	17
14	Nâ€Heterocyclic Carbeneâ€Gold(I) Complexes Conjugated to a Leukemiaâ€Specific DNA Aptamer for Targeted Drug Delivery. <i>Angewandte Chemie</i> , 2016, 128, 9035-9039.	1.6	13
15	Fabrication of ultrathin Zn(OH) ₂ nanosheets as drug carriers. <i>Nano Research</i> , 2016, 9, 2520-2530.	5.8	12
16	Free-Floating 2D Nanosheets with a Superlattice Assembled from Fe ₃ O ₄ Nanoparticles for Peroxidase-Mimicking Activity. <i>ACS Applied Nano Materials</i> , 2018, 1, 5389-5395.	2.4	9
17	An Aptamerâ€Nanotrain Assembled from Sixâ€Letter DNA Delivers Doxorubicin Selectively to Liver Cancer Cells. <i>Angewandte Chemie</i> , 2020, 132, 673-678.	1.6	8
18	A Facile Process for the Preparation of Threeâ€Dimensional Hollow Zn(OH) ₂ Nanoflowers at Room Temperature. <i>Chemistry - A European Journal</i> , 2016, 22, 11143-11147.	1.7	7