

Shuo Wan

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,917
citations

430874

18
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

2750
citing authors

#	ARTICLE	IF	CITATIONS
1	Aptamer/AuNP Biosensor for Colorimetric Profiling of Exosomal Proteins. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11916-11920.	13.8	390
2	Aptasensor with Expanded Nucleotide Using DNA Nanotetrahedra for Electrochemical Detection of Cancerous Exosomes. <i>ACS Nano</i> , 2017, 11, 3943-3949.	14.6	370
3	Molecular Recognition-Based DNA Nanoassemblies on the Surfaces of Nanosized Exosomes. <i>Journal of the American Chemical Society</i> , 2017, 139, 5289-5292.	13.7	175
4	Molecular Elucidation of Disease Biomarkers at the Interface of Chemistry and Biology. <i>Journal of the American Chemical Society</i> , 2017, 139, 2532-2540.	13.7	119
5	ZrMOF nanoparticles as quenchers to conjugate DNA aptamers for target-induced bioimaging and photodynamic therapy. <i>Chemical Science</i> , 2018, 9, 7505-7509.	7.4	110
6	A cascade reaction network mimicking the basic functional steps of adaptive immune response. <i>Nature Chemistry</i> , 2015, 7, 835-841.	13.6	95
7	Bioapplications of Cell-SELEX-Generated Aptamers in Cancer Diagnostics, Therapeutics, Theranostics and Biomarker Discovery: A Comprehensive Review. <i>Cancers</i> , 2018, 10, 47.	3.7	85
8	Aptamers against Cells Overexpressing Glypican-3 from Expanded Genetic Systems Combined with Cell Engineering and Laboratory Evolution. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12372-12375.	13.8	78
9	Facile approach to prepare HSA-templated MnO ₂ nanosheets as oxidase mimic for colorimetric detection of glutathione. <i>Talanta</i> , 2019, 195, 40-45.	5.5	75
10	A survey of advancements in nucleic acid-based logic gates and computing for applications in biotechnology and biomedicine. <i>Chemical Communications</i> , 2015, 51, 3723-3734.	4.1	67
11	An Aptamer-Nanotrainer Assembled from Six-Letter DNA Delivers Doxorubicin Selectively to Liver Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 663-668.	13.8	61
12	Self-deposition of Pt nanocrystals on Mn ₃ O ₄ coated carbon nanotubes for enhanced oxygen reduction electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2013, 1, 7463.	10.3	47
13	DNA micelle flares: a study of the basic properties that contribute to enhanced stability and binding affinity in complex biological systems. <i>Chemical Science</i> , 2016, 7, 6041-6049.	7.4	37
14	Recognition-then-Reaction Enables Site-Selective Bioconjugation to Proteins on Live-Cell Surfaces. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11954-11957.	13.8	37
15	DNA Aptamer Based Nanodrugs: Molecular Engineering for Efficiency. <i>Chemistry - an Asian Journal</i> , 2015, 10, 2084-2094.	3.3	35
16	Aptamer/AuNP Biosensor for Colorimetric Profiling of Exosomal Proteins. <i>Angewandte Chemie</i> , 2017, 129, 12078-12082.	2.0	34
17	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.	5.8	25
18	Visible Light-Driven Self-Powered Device Based on a Straddling Nano-Heterojunction and Bio-Application for the Quantitation of Exosomal RNA. <i>ACS Nano</i> , 2019, 13, 1817-1827.	14.6	24

#	ARTICLE	IF	CITATIONS
19	Recognitionâ€”thenâ€”Reaction Enables Siteâ€”Selective Bioconjugation to Proteins on Liveâ€”Cell Surfaces. <i>Angewandte Chemie</i> , 2017, 129, 12116-12119.	2.0	17
20	Fabrication of ultrathin Zn(OH) ₂ nanosheets as drug carriers. <i>Nano Research</i> , 2016, 9, 2520-2530.	10.4	12
21	Aptamers against Cells Overexpressing Glypicanâ€”3 from Expanded Genetic Systems Combined with Cell Engineering and Laboratory Evolution. <i>Angewandte Chemie</i> , 2016, 128, 12560-12563.	2.0	9
22	An Aptamerâ€”Nanotrain Assembled from Sixâ€”Letter DNA Delivers Doxorubicin Selectively to Liver Cancer Cells. <i>Angewandte Chemie</i> , 2020, 132, 673-678.	2.0	8
23	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.	3.3	7