

Shuo Wan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

1,403
citations

17
h-index

23
g-index

23
ext. papers

1,692
ext. citations

10.2
avg. IF

4.36
L-index

#	Paper	IF	Citations
23	An Aptamer-Nanotrain Assembled from Six-Letter DNA Delivers Doxorubicin Selectively to Liver Cancer Cells. <i>Angewandte Chemie</i> , 2020 , 132, 673-678	3.6	4
22	An Aptamer-Nanotrain Assembled from Six-Letter DNA Delivers Doxorubicin Selectively to Liver Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 663-668	16.4	26
21	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	16.7	15
20	Facile approach to prepare HSA-templated MnO nanosheets as oxidase mimic for colorimetric detection of glutathione. <i>Talanta</i> , 2019 , 195, 40-45	6.2	53
19	ZrMOF nanoparticles as quenchers to conjugate DNA aptamers for target-induced bioimaging and photodynamic therapy. <i>Chemical Science</i> , 2018 , 9, 7505-7509	9.4	75
18	Bioapplications of Cell-SELEX-Generated Aptamers in Cancer Diagnostics, Therapeutics, Theranostics and Biomarker Discovery: A Comprehensive Review. <i>Cancers</i> , 2018 , 10,	6.6	65
17	Molecular Elucidation of Disease Biomarkers at the Interface of Chemistry and Biology. <i>Journal of the American Chemical Society</i> , 2017 , 139, 2532-2540	16.4	89
16	Molecular Recognition-Based DNA Nanoassemblies on the Surfaces of Nanosized Exosomes. <i>Journal of the American Chemical Society</i> , 2017 , 139, 5289-5292	16.4	134
15	Aptasensor with Expanded Nucleotide Using DNA Nanotetrahedra for Electrochemical Detection of Cancerous Exosomes. <i>ACS Nano</i> , 2017 , 11, 3943-3949	16.7	264
14	Recognition-then-Reaction Enables Site-Selective Bioconjugation to Proteins on Live-Cell Surfaces. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11954-11957	16.4	27
13	Recognition-then-Reaction Enables Site-Selective Bioconjugation to Proteins on Live-Cell Surfaces. <i>Angewandte Chemie</i> , 2017 , 129, 12116-12119	3.6	13
12	Aptamer/AuNP Biosensor for Colorimetric Profiling of Exosomal Proteins. <i>Angewandte Chemie</i> , 2017 , 129, 12078-12082	3.6	29
11	Aptamer/AuNP Biosensor for Colorimetric Profiling of Exosomal Proteins. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11916-11920	16.4	281
10	Aptamers against Cells Overexpressing Glypican 3 from Expanded Genetic Systems Combined with Cell Engineering and Laboratory Evolution. <i>Angewandte Chemie</i> , 2016 , 128, 12560-12563	3.6	8
9	Fabrication of Ultrathin Zn(OH) Nanosheets as Drug Carriers. <i>Nano Research</i> , 2016 , 9, 2520-2530	10	9
8	Three Dimensional Multipod Superstructure based on Cu(OH) as a Highly Efficient Nanozyme. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 4657-4661	7.3	22
7	A Facile Process for the Preparation of Three-Dimensional Hollow Zn(OH) ₂ Nanoflowers at Room Temperature. <i>Chemistry - A European Journal</i> , 2016 , 22, 11143-7	4.8	3

6	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	9.4	30
5	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, 12372-5	16.4	60
4	A cascade reaction network mimicking the basic functional steps of adaptive immune response. <i>Nature Chemistry</i> , 2015 , 7, 835-41	17.6	66
3	DNA Aptamer Based Nanodrugs: Molecular Engineering for Efficiency. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 2084-94	4.5	31
2	A survey of advancements in nucleic acid-based logic gates and computing for applications in biotechnology and biomedicine. <i>Chemical Communications</i> , 2015 , 51, 3723-34	5.8	59
1	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	13	40