

Shuo Wan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10860741/publications.pdf>

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 | An Aptamer-Nanotrainer Assembled from Six-Base DNA Delivers Doxorubicin Selectively to Liver Cancer Cells. <i>Angewandte Chemie</i> , 2020, 132, 673-678. | 2.0 | 8 |
| 2 | An Aptamer-Nanotrainer Assembled from Six-Base DNA Delivers Doxorubicin Selectively to Liver Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 663-668. | 13.8 | 61 |
| 3 | 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 |
| 4 | 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 |
| 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 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Aptasensor with Expanded Nucleotide Using DNA Nanotetrahedra for Electrochemical Detection of Cancerous Exosomes. <i>ACS Nano</i> , 2017, 11, 3943-3949. | 14.6 | 370 |
| 10 | 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 |
| 11 | Recognition-then-Reaction Enables Site-Selective Bioconjugation to Proteins on Live Cell Surfaces. <i>Angewandte Chemie</i> , 2017, 129, 12116-12119. | 2.0 | 17 |
| 12 | Aptamer/AuNP Biosensor for Colorimetric Profiling of Exosomal Proteins. <i>Angewandte Chemie</i> , 2017, 129, 12078-12082. | 2.0 | 34 |
| 13 | Aptamer/AuNP Biosensor for Colorimetric Profiling of Exosomal Proteins. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11916-11920. | 13.8 | 390 |
| 14 | 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, 11143-11147. | 3.3 | 7 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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. | 2.0 | 9 |
| 18 | Fabrication of ultrathin Zn(OH) ₂ nanosheets as drug carriers. <i>Nano Research</i> , 2016, 9, 2520-2530. | 10.4 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Three dimensional multipod superstructures based on Cu(OH) ₂ as a highly efficient nanozyme. Journal of Materials Chemistry B, 2016, 4, 4657-4661. | 5.8 | 25 |
| 20 | DNA Aptamer Based Nanodrugs: Molecular Engineering for Efficiency. Chemistry - an Asian Journal, 2015, 10, 2084-2094. | 3.3 | 35 |
| 21 | A survey of advancements in nucleic acid-based logic gates and computing for applications in biotechnology and biomedicine. Chemical Communications, 2015, 51, 3723-3734. | 4.1 | 67 |
| 22 | A cascade reaction network mimicking the basic functional steps of adaptive immune response. Nature Chemistry, 2015, 7, 835-841. | 13.6 | 95 |
| 23 | Self-deposition of Pt nanocrystals on Mn ₃ O ₄ coated carbon nanotubes for enhanced oxygen reduction electrocatalysis. Journal of Materials Chemistry A, 2013, 1, 7463. | 10.3 | 47 |