

Ying Jiang

List of Publications by Citations

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Version: 2024-04-23

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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.

41
papers

2,344
citations

24
h-index

44
g-index

44
ext. papers

2,936
ext. citations

10.7
avg, IF

5.15
L-index

#	Paper	IF	Citations
41	A simple assay for direct colorimetric visualization of trinitrotoluene at picomolar levels using gold nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 8601-4	16.4	296
40	Aptamer/AuNP Biosensor for Colorimetric Profiling of Exosomal Proteins. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11916-11920	16.4	281
39	Colorimetric detection of glucose in rat brain using gold nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 4800-4	16.4	230
38	Nanoscale ATP-Responsive Zeolitic Imidazole Framework-90 as a General Platform for Cytosolic Protein Delivery and Genome Editing. <i>Journal of the American Chemical Society</i> , 2019 , 141, 3782-3786	16.4	166
37	Fast and Efficient CRISPR/Cas9 Genome Editing In Vivo Enabled by Bio-reducible Lipid and Messenger RNA Nanoparticles. <i>Advanced Materials</i> , 2019 , 31, e1902575	24	140
36	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
35	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
34	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
33	Thiol-ene click chemistry: a biocompatible way for orthogonal bioconjugation of colloidal nanoparticles. <i>Chemical Science</i> , 2017 , 8, 6182-6187	9.4	71
32	A Simple Assay for Direct Colorimetric Visualization of Trinitrotoluene at Picomolar Levels Using Gold Nanoparticles. <i>Angewandte Chemie</i> , 2008 , 120, 8729-8732	3.6	69
31	Colorimetric Detection of Glucose in Rat Brain Using Gold Nanoparticles. <i>Angewandte Chemie</i> , 2010 , 122, 4910-4914	3.6	68
30	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
29	Supramolecularly Engineered Circular Bivalent Aptamer for Enhanced Functional Protein Delivery. <i>Journal of the American Chemical Society</i> , 2018 , 140, 6780-6784	16.4	64
28	Modulating Aptamer Specificity with pH-Responsive DNA Bonds. <i>Journal of the American Chemical Society</i> , 2018 , 140, 13335-13339	16.4	63
27	Gold-DNA nanosunflowers for efficient gene silencing with controllable transformation. <i>Science Advances</i> , 2019 , 5, eaaw6264	14.3	61
26	Single-atom Ni-N provides a robust cellular NO sensor. <i>Nature Communications</i> , 2020 , 11, 3188	17.4	59
25	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

24	Electrochemical Monitoring of Propagative Fluctuation of Ascorbate in the Live Rat Brain during Spreading Depolarization. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 6616-6619	16.4	29
23	Aptamer/AuNP Biosensor for Colorimetric Profiling of Exosomal Proteins. <i>Angewandte Chemie</i> , 2017 , 129, 12078-12082	3.6	29
22	A Generalizable and Noncovalent Strategy for Interfacing Aptamers with a Microelectrode for the Selective Sensing of Neurotransmitters In Vivo. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 18996-19000	16.4	29
21	Cell-Selective Messenger RNA Delivery and CRISPR/Cas9 Genome Editing by Modulating the Interface of Phenylboronic Acid-Derived Lipid Nanoparticles and Cellular Surface Sialic Acid. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 46585-46590	9.5	28
20	Single-entity electrochemistry at confined sensing interfaces. <i>Science China Chemistry</i> , 2020 , 63, 589-618	7.9	27
19	Cross-Linked Aptamer-Lipid Micelles for Excellent Stability and Specificity in Target-Cell Recognition. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11589-11593	16.4	24
18	Recent advances on in vivo analysis of ascorbic acid in brain functions. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 109, 247-259	14.6	24
17	Enzyme-Instructed Activation of Pro-protein Therapeutics In Vivo. <i>Journal of the American Chemical Society</i> , 2019 , 141, 18136-18141	16.4	20
16	In Vivo Measurement of Calcium Ion with Solid-State Ion-Selective Electrode by Using Shelled Hollow Carbon Nanospheres as a Transducing Layer. <i>Analytical Chemistry</i> , 2019 , 91, 4421-4428	7.8	19
15	Vapor growth of WSe ₂ /WS ₂ heterostructures with stacking dependent optical properties. <i>Nano Research</i> , 2019 , 12, 3123-3128	10	19
14	Electrochemically Probing Dynamics of Ascorbate during Cytotoxic Edema in Living Rat Brain. <i>Journal of the American Chemical Society</i> , 2020 , 142, 19012-19016	16.4	18
13	Graphdiyne oxide enhances the stability of solid contact-based ionselective electrodes for excellent in vivo analysis. <i>Science China Chemistry</i> , 2019 , 62, 1414-1420	7.9	15
12	Smart Nanodrug with Nuclear Localization Sequences in the Presence of MMP-2 To Overcome Biobarriers and Drug Resistance. <i>Chemistry - A European Journal</i> , 2019 , 25, 1895-1900	4.8	12
11	Electrochemical Monitoring of Propagative Fluctuation of Ascorbate in the Live Rat Brain during Spreading Depolarization. <i>Angewandte Chemie</i> , 2019 , 131, 6688-6691	3.6	12
10	Deep Learning for Voltammetric Sensing in a Living Animal Brain. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 23777-23783	16.4	11
9	A Generalizable and Noncovalent Strategy for Interfacing Aptamers with a Microelectrode for the Selective Sensing of Neurotransmitters In Vivo. <i>Angewandte Chemie</i> , 2020 , 132, 19158-19162	3.6	9
8	Selective RNA interference and gene silencing using reactive oxygen species-responsive lipid nanoparticles. <i>Chemical Communications</i> , 2019 , 55, 8170-8173	5.8	8
7	Ischemic Postconditioning Recovers Cortex Ascorbic Acid during Ischemia/Reperfusion Monitored with an Online Electrochemical System. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 2576-2583	5.7	8

6	Cross-Linked AptamerLipid Micelles for Excellent Stability and Specificity in Target-Cell Recognition. <i>Angewandte Chemie</i> , 2018 , 130, 11763-11767	3.6	6
5	Electrochemical Sensing of Ascorbate as an Index of Neuroprotection from Seizure Activity by Physical Exercise in Freely Moving Rats. <i>ACS Sensors</i> , 2021 , 6, 546-552	9.2	4
4	Electronic Properties and Carrier Dynamics at the Alloy Interfaces of WS Se Spiral Nanosheets.. <i>Advanced Materials</i> , 2022 , e2107738	24	2
3	Deep Learning for Voltammetric Sensing in a Living Animal Brain. <i>Angewandte Chemie</i> , 2021 , 133, 23970	3.6	2
2	Selectively Probing Neurochemicals in Living Animals with Electrochemical Systems. <i>ChemNanoMat</i> , 2021 , 7, 489-501	3.5	0
1	Recent Progress on Highly Selective and Sensitive Electrochemical Aptamer-based Sensors.. <i>Chemical Research in Chinese Universities</i> , 2022 , 1-13	2.2	0