

# Ying Jiang

## List of Publications by Year in descending order

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42  
papers

3,483  
citations

159585

30  
h-index

254184

43  
g-index

44  
all docs

44  
docs citations

44  
times ranked

4604  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic Properties and Carrier Dynamics at the Alloy Interfaces of WS <sub>2</sub> /Se <sub>2</sub> Spiral Nanosheets. <i>Advanced Materials</i> , 2022, 34, e2107738.	21.0	9
2	A Universal Single-Atom Coating Strategy Based on Tannic Acid Chemistry for Multifunctional Heterogeneous Catalysis. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	9
3	A Universal Single-Atom Coating Strategy Based on Tannic Acid Chemistry for Multifunctional Heterogeneous Catalysis. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	34
4	Recent Progress on Highly Selective and Sensitive Electrochemical Aptamer-based Sensors. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 866-878.	2.6	7
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.	7.8	10
6	Selectively Probing Neurochemicals in Living Animals with Electrochemical Systems. <i>ChemNanoMat</i> , 2021, 7, 489-501.	2.8	3
7	Deep Learning for Voltammetric Sensing in a Living Animal Brain. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23777-23783.	13.8	43
8	Deep Learning for Voltammetric Sensing in a Living Animal Brain. <i>Angewandte Chemie</i> , 2021, 133, 23970-23976.	2.0	12
9	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.	13.8	70
10	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.	2.0	18
11	Electrochemically Probing Dynamics of Ascorbate during Cytotoxic Edema in Living Rat Brain. <i>Journal of the American Chemical Society</i> , 2020, 142, 19012-19016.	13.7	43
12	Single-atom Ni-N <sub>4</sub> provides a robust cellular NO sensor. <i>Nature Communications</i> , 2020, 11, 3188.	12.8	153
13	Single-entity electrochemistry at confined sensing interfaces. <i>Science China Chemistry</i> , 2020, 63, 589-618.	8.2	38
14	Vapor growth of WSe <sub>2</sub> /WS <sub>2</sub> heterostructures with stacking dependent optical properties. <i>Nano Research</i> , 2019, 12, 3123-3128.	10.4	32
15	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.	8.2	26
16	Gold-DNA nanosunflowers for efficient gene silencing with controllable transformation. <i>Science Advances</i> , 2019, 5, eaaw6264.	10.3	94
17	Enzyme-Instructed Activation of Pro-protein Therapeutics In Vivo. <i>Journal of the American Chemical Society</i> , 2019, 141, 18136-18141.	13.7	48
18	Smart Nanodrug with Nuclear Localization Sequences in the Presence of MMPs To Overcome Biobarriers and Drug Resistance. <i>Chemistry - A European Journal</i> , 2019, 25, 1895-1900.	3.3	19

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19	Selective RNA interference and gene silencing using reactive oxygen species-responsive lipid nanoparticles. <i>Chemical Communications</i> , 2019, 55, 8170-8173.	4.1	20
20	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.	21.0	244
21	Ischemic Postconditioning Recovers Cortex Ascorbic Acid during Ischemia/Reperfusion Monitored with an Online Electrochemical System. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2576-2583.	3.5	15
22	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.	13.8	55
23	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.	6.5	42
24	Electrochemical Monitoring of Propagative Fluctuation of Ascorbate in the Live Rat Brain during Spreading Depolarization. <i>Angewandte Chemie</i> , 2019, 131, 6688-6691.	2.0	18
25	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.	13.7	286
26	Frontispiece: 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, .	3.3	0
27	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 &amp; Interfaces</i> , 2019, 11, 46585-46590.	8.0	63
28	Facile approach to prepare HSA-templated MnO <sub>2</sub> nanosheets as oxidase mimic for colorimetric detection of glutathione. <i>Talanta</i> , 2019, 195, 40-45.	5.5	75
29	Recent advances on in vivo analysis of ascorbic acid in brain functions. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 109, 247-259.	11.4	47
30	Modulating Aptamer Specificity with pH-Responsive DNA Bonds. <i>Journal of the American Chemical Society</i> , 2018, 140, 13335-13339.	13.7	97
31	Supramolecularly Engineered Circular Bivalent Aptamer for Enhanced Functional Protein Delivery. <i>Journal of the American Chemical Society</i> , 2018, 140, 6780-6784.	13.7	91
32	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
33	Cross-Linked Aptamer-Lipid Micelles for Excellent Stability and Specificity in Target-Cell Recognition. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11589-11593.	13.8	33
34	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
35	Cross-Linked Aptamer-Lipid Micelles for Excellent Stability and Specificity in Target-Cell Recognition. <i>Angewandte Chemie</i> , 2018, 130, 11763-11767.	2.0	8
36	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

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37	Thiol-ene click chemistry: a biocompatible way for orthogonal bioconjugation of colloidal nanoparticles. <i>Chemical Science</i> , 2017, 8, 6182-6187.	7.4	89
38	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
39	Aptamer/AuNP Biosensor for Colorimetric Profiling of Exosomal Proteins. <i>Angewandte Chemie</i> , 2017, 129, 12078-12082.	2.0	34
40	Aptamer/AuNP Biosensor for Colorimetric Profiling of Exosomal Proteins. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11916-11920.	13.8	390
41	Colorimetric Detection of Glucose in Rat Brain Using Gold Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4800-4804.	13.8	247
42	A Simple Assay for Direct Colorimetric Visualization of Trinitrotoluene at Picomolar Levels Using Gold Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8601-8604.	13.8	316