

Ying Jiang

List of Publications by Citations

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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.

48
papers

3,629
citations

30
h-index

48
g-index

48
ext. papers

4,218
ext. citations

10.5
avg, IF

5.31
L-index

#	Paper	IF	Citations
48	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
47	Aptamer/AuNP Biosensor for Colorimetric Profiling of Exosomal Proteins. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11916-11920	16.4	281
46	The Interplay of Size and Surface Functionality on the Cellular Uptake of Sub-10 nm Gold Nanoparticles. <i>ACS Nano</i> , 2015 , 9, 9986-93	16.7	250
45	Effect of surface charge on the uptake and distribution of gold nanoparticles in four plant species. <i>Environmental Science & Technology</i> , 2012 , 46, 12391-8	10.3	245
44	Colorimetric detection of glucose in rat brain using gold nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 4800-4	16.4	230
43	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
42	Graphene signal amplification for sensitive and real-time fluorescence anisotropy detection of small molecules. <i>Analytical Chemistry</i> , 2013 , 85, 1424-30	7.8	142
41	Design of aptamer-based sensing platform using triple-helix molecular switch. <i>Analytical Chemistry</i> , 2011 , 83, 6586-92	7.8	141
40	Fast and Efficient CRISPR/Cas9 Genome Editing In Vivo Enabled by Bioreducible Lipid and Messenger RNA Nanoparticles. <i>Advanced Materials</i> , 2019 , 31, e1902575	24	140
39	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
38	Surface Charge Controls the Suborgan Biodistributions of Gold Nanoparticles. <i>ACS Nano</i> , 2016 , 10, 5536-5547	16.7	132
37	Fabricating a reversible and regenerable Raman-active substrate with a biomolecule-controlled DNA nanomachine. <i>Journal of the American Chemical Society</i> , 2012 , 134, 19957-60	16.4	99
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	16.4	89
35	Fully Zwitterionic Nanoparticle Antimicrobial Agents through Tuning of Core Size and Ligand Structure. <i>ACS Nano</i> , 2016 , 10, 8732-7	16.7	87
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	Multiplexed imaging of nanoparticles in tissues using laser desorption/ionization mass spectrometry. <i>Journal of the American Chemical Society</i> , 2013 , 135, 12564-7	16.4	64
28	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
27	Gold-DNA nanosunflowers for efficient gene silencing with controllable transformation. <i>Science Advances</i> , 2019 , 5, eaaw6264	14.3	61
26	Progress and perspective of inorganic nanoparticle-based siRNA delivery systems. <i>Expert Opinion on Drug Delivery</i> , 2016 , 13, 547-59	8	55
25	Active Targeting of the Nucleus Using Nonpeptidic Boronate Tags. <i>Journal of the American Chemical Society</i> , 2017 , 139, 8547-8551	16.4	46
24	Time-resolved fluorescent detection of Hg ²⁺ in a complex environment by conjugating magnetic nanoparticles with a triple-helix molecular switch. <i>Chemical Communications</i> , 2013 , 49, 6915-7	5.8	45
23	Direct cytosolic delivery of siRNA using nanoparticle-stabilized nanocapsules. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 506-10	16.4	42
22	Easy come easy go: surfaces containing immobilized nanoparticles or isolated polycation chains facilitate removal of captured <i>Staphylococcus aureus</i> by retarding bacterial bond maturation. <i>ACS Nano</i> , 2014 , 8, 1180-90	16.7	39
21	Antimicrobial surfaces containing cationic nanoparticles: how immobilized, clustered, and protruding cationic charge presentation affects killing activity and kinetics. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 125, 255-63	6	37
20	Targeting bacterial biofilms via surface engineering of gold nanoparticles. <i>RSC Advances</i> , 2015 , 5, 105551-105559	3.7	34
19	Cellular imaging of endosome entrapped small gold nanoparticles. <i>MethodsX</i> , 2015 , 2, 306-15	1.9	33
18	Quantitative imaging of 2 nm monolayer-protected gold nanoparticle distributions in tissues using laser ablation inductively-coupled plasma mass spectrometry (LA-ICP-MS). <i>Analyst, The</i> , 2016 , 141, 2418-25	5.5	30
17	Aptamer-based multifunctional ligand-modified UCNPs for targeted PDT and bioimaging. <i>Nanoscale</i> , 2018 , 10, 10986-10990	7.7	29
16	Aptamer/AuNP Biosensor for Colorimetric Profiling of Exosomal Proteins. <i>Angewandte Chemie</i> , 2017 , 129, 12078-12082	3.6	29
15	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
14	Dual-Mode Mass Spectrometric Imaging for Determination of in Vivo Stability of Nanoparticle Monolayers. <i>ACS Nano</i> , 2017 , 11, 7424-7430	16.7	26

13	Inkjet-printed gold nanoparticle surfaces for the detection of low molecular weight biomolecules by laser desorption/ionization mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2015 , 26, 1931-7	3.5	25
12	In Vivo Tracking of Multiple Tumor Exosomes Labeled by Phospholipid-Based Bioorthogonal Conjugation. <i>Analytical Chemistry</i> , 2018 , 90, 11273-11279	7.8	24
11	Nanocapsule-mediated cytosolic siRNA delivery for anti-inflammatory treatment. <i>Journal of Controlled Release</i> , 2018 , 283, 235-240	11.7	20
10	Direct Electrochemical Detection of Oligonucleotide Hybridization on Poly(thionine) Film. <i>Chinese Journal of Chemistry</i> , 2005 , 23, 1665-1670	4.9	20
9	Nanoparticle-dendrimer hybrid nanocapsules for therapeutic delivery. <i>Nanomedicine</i> , 2016 , 11, 1571-8	5.6	19
8	Nanozyme-assisted sensitive profiling of exosomal proteins for rapid cancer diagnosis. <i>Theranostics</i> , 2020 , 10, 9303-9314	12.1	15
7	Chemically Engineered Nanoparticle-Protein Interface for Real-Time Cellular Oxidative Stress Monitoring. <i>Small</i> , 2016 , 12, 3775-9	11	15
6	Direct Cytosolic Delivery of siRNA Using Nanoparticle-Stabilized Nanocapsules. <i>Angewandte Chemie</i> , 2015 , 127, 516-520	3.6	13
5	Stable and oxidant responsive zwitterionic nanoclusters. <i>Nanoscale</i> , 2018 , 10, 7382-7386	7.7	9
4	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
3	Gadolinium-doped Au@prussian blue nanoparticles as MR/SERS bimodal agents for dendritic cell activating and tracking. <i>Theranostics</i> , 2020 , 10, 6061-6071	12.1	8
2	Chemoenzymatic Labeling of Extracellular Vesicles for Visualizing Their Cellular Internalization in Real Time. <i>Analytical Chemistry</i> , 2020 , 92, 2103-2111	7.8	5
1	KIF11 Promotes Proliferation of Hepatocellular Carcinoma among Patients with Liver Cancers. <i>BioMed Research International</i> , 2021 , 2021, 2676745	3	4