

Liping Qiu

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.

53
papers

2,686
citations

29
h-index

51
g-index

57
ext. papers

3,303
ext. citations

10.4
avg, IF

5.11
L-index

#	Paper	IF	Citations
53	Functional nucleic acid-based cell imaging and manipulation. <i>Science China Chemistry</i> , 2021 , 64, 1817	7.9	6
52	DNA-Based Dynamic Mimicry of Membrane Proteins for Programming Adaptive Cellular Interactions. <i>Journal of the American Chemical Society</i> , 2021 , 143, 4585-4592	16.4	24
51	Integrating DNA Nanotechnology with Aptamers for Biological and Biomedical Applications. <i>Matter</i> , 2021 , 4, 461-489	12.7	20
50	Engineering G-quadruplex aptamer to modulate its binding specificity. <i>National Science Review</i> , 2021 , 8, nwaa202	10.8	4
49	New Insights from Chemical Biology: Molecular Basis of Transmission, Diagnosis, and Therapy of SARS-CoV-2. <i>CCS Chemistry</i> , 2021 , 3, 1501-1528	7.2	4
48	Rapid One-Pot Detection of SARS-CoV-2 Based on a Lateral Flow Assay in Clinical Samples. <i>Analytical Chemistry</i> , 2021 , 93, 3325-3330	7.8	39
47	DNA Nanostructure-Programmed Cell Entry via Corner Angle-Mediated Molecular Interaction with Membrane Receptors. <i>Nano Letters</i> , 2021 , 21, 6946-6951	11.5	10
46	Functional Nucleic Acid-Based Live-Cell Fluorescence Imaging. <i>Frontiers in Chemistry</i> , 2020 , 8, 598013	5	1
45	Aptamer-based optical manipulation of protein subcellular localization in cells. <i>Nature Communications</i> , 2020 , 11, 1347	17.4	19
44	A molecular recognition-activatable DNA nanofirecracker enables signal-enhanced imaging in living cells. <i>Chemical Communications</i> , 2020 , 56, 3131-3134	5.8	3
43	Programmable pH-Responsive DNA Nanosensors for Imaging Exocytosis and Retrieval of Synaptic Vesicles. <i>Analytical Chemistry</i> , 2020 , 92, 3620-3626	7.8	5
42	In Vivo Monocyte/Macrophage-Hitchhiked Intratumoral Accumulation of Nanomedicines for Enhanced Tumor Therapy. <i>Journal of the American Chemical Society</i> , 2020 , 142, 382-391	16.4	41
41	Aptamer-Directed Protein-Specific Multiple Modifications of Membrane Glycoproteins on Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 37845-37850	9.5	15
40	Aptamer Displacement Reaction from Live-Cell Surfaces and Its Applications. <i>Journal of the American Chemical Society</i> , 2019 , 141, 17174-17179	16.4	33
39	Identification of Vigilin as a Potential Ischemia Biomarker by Brain Slice-Based Systematic Evolution of Ligands by Exponential Enrichment. <i>Analytical Chemistry</i> , 2019 , 91, 6675-6681	7.8	10
38	Cell-Membrane-Anchored DNA Nanoplatfom for Programming Cellular Interactions. <i>Journal of the American Chemical Society</i> , 2019 , 141, 18013-18020	16.4	67
37	DNA-Capped Silver Nanoflakes as Fluorescent Nanosensor for Highly Sensitive Imaging of Endogenous HS in Cell Division Cycles. <i>Analytical Chemistry</i> , 2019 , 91, 15404-15410	7.8	13

36	Generalized Preparation of Two-Dimensional Quasi-nanosheets via Self-assembly of Nanoparticles. <i>Journal of the American Chemical Society</i> , 2019 , 141, 1725-1734	16.4	22
35	Aptamer-Functionalized Exosomes: Elucidating the Cellular Uptake Mechanism and the Potential for Cancer-Targeted Chemotherapy. <i>Analytical Chemistry</i> , 2019 , 91, 2425-2430	7.8	68
34	Aligner-mediated cleavage of nucleic acids and its application to isothermal exponential amplification. <i>Chemical Science</i> , 2018 , 9, 3050-3055	9.4	16
33	Endolysosomal-Escape Nanovaccines through Adjuvant-Induced Tumor Antigen Assembly for Enhanced Effector CD8 T Cell Activation. <i>Small</i> , 2018 , 14, e1703539	11	18
32	Engineering a customized nanodrug delivery system at the cellular level for targeted cancer therapy. <i>Science China Chemistry</i> , 2018 , 61, 497-504	7.9	15
31	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
30	Comprehensive Regression Model for Dissociation Equilibria of Cell-Specific Aptamers. <i>Analytical Chemistry</i> , 2018 , 90, 10487-10493	7.8	2
29	Modulating Aptamer Specificity with pH-Responsive DNA Bonds. <i>Journal of the American Chemical Society</i> , 2018 , 140, 13335-13339	16.4	63
28	Fluorinated DNA Micelles: Synthesis and Properties. <i>Analytical Chemistry</i> , 2018 , 90, 6843-6850	7.8	16
27	Nucleic acid-functionalized transition metal nanosheets for biosensing applications. <i>Biosensors and Bioelectronics</i> , 2017 , 89, 201-211	11.8	50
26	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
25	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
24	DNA probes for monitoring dynamic and transient molecular encounters on live cell membranes. <i>Nature Nanotechnology</i> , 2017 , 12, 453-459	28.7	159
23	A membrane-anchored aptamer sensor for probing IFN γ secretion by single cells. <i>Chemical Communications</i> , 2017 , 53, 8066-8069	5.8	37
22	Aptamer-Modified Semiconductor Quantum Dots for Biosensing Applications. <i>Sensors</i> , 2017 , 17,	3.8	33
21	Versatile surface engineering of porous nanomaterials with bioinspired polyphenol coatings for targeted and controlled drug delivery. <i>Nanoscale</i> , 2016 , 8, 8600-6	7.7	66
20	A membrane-anchored fluorescent probe for detecting K(+) in the cell microenvironment. <i>Chemical Communications</i> , 2016 , 52, 4679-82	5.8	25
19	Using modified aptamers for site specific protein-aptamer conjugations. <i>Chemical Science</i> , 2016 , 7, 2157-2161	9.4	41

18	Cancer biomarker discovery using DNA aptamers. <i>Analyst, The</i> , 2016 , 141, 461-6	5	35
17	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
16	A Nonenzymatic Hairpin DNA Cascade Reaction Provides High Signal Gain of mRNA Imaging inside Live Cells. <i>Journal of the American Chemical Society</i> , 2015 , 137, 4900-3	16.4	234
15	Self-assembled Multifunctional DNA Nanoflowers for the Circumvention of Multidrug Resistance in Targeted Anticancer Drug Delivery. <i>Nano Research</i> , 2015 , 8, 3447-3460	10	68
14	Entropy Beacon: A Hairpin-Free DNA Amplification Strategy for Efficient Detection of Nucleic Acids. <i>Analytical Chemistry</i> , 2015 , 87, 11714-20	7.8	81
13	Self-Assembled DNA Immunonanoflowers as Multivalent CpG Nanoagents. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 24069-74	9.5	74
12	A cascade reaction network mimicking the basic functional steps of adaptive immune response. <i>Nature Chemistry</i> , 2015 , 7, 835-41	17.6	66
11	Preparation and biomedical applications of programmable and multifunctional DNA nanoflowers. <i>Nature Protocols</i> , 2015 , 10, 1508-24	18.8	101
10	A cell-targeted, size-photocontrollable, nuclear-uptake nanodrug delivery system for drug-resistant cancer therapy. <i>Nano Letters</i> , 2015 , 15, 457-63	11.5	184
9	Discovery of the unique self-assembly behavior of terminal suckers-contained dsDNA onto GNP and novel "light-up" colorimetric assay of nucleic acids. <i>Biosensors and Bioelectronics</i> , 2015 , 64, 292-9	11.8	12
8	Nuclease-resistant synthetic drug-DNA adducts: programmable drug-DNA conjugation for targeted anticancer drug delivery. <i>NPG Asia Materials</i> , 2015 , 7, e169-e169	10.3	32
7	Aptamers Selected by Cell-SELEX for Molecular Imaging. <i>Journal of Molecular Evolution</i> , 2015 , 81, 162-71	13.1	13
6	Sensitive and selective electrochemical DNA sensor for the analysis of cancer-related single nucleotide polymorphism. <i>New Journal of Chemistry</i> , 2014 , 38, 4711-4715	3.6	14
5	Cell membrane-anchored biosensors for real-time monitoring of the cellular microenvironment. <i>Journal of the American Chemical Society</i> , 2014 , 136, 13090-3	16.4	106
4	A novel label-free fluorescence aptamer-based sensor method for cocaine detection based on isothermal circular strand-displacement amplification and graphene oxide absorption. <i>New Journal of Chemistry</i> , 2013 , 37, 3998	3.6	41
3	Building a multifunctional aptamer-based DNA nanoassembly for targeted cancer therapy. <i>Journal of the American Chemical Society</i> , 2013 , 135, 18644-50	16.4	190
2	Cooperative amplification-based electrochemical sensor for the zeptomole detection of nucleic acids. <i>Analytical Chemistry</i> , 2013 , 85, 8225-31	7.8	34
1	A targeted, self-delivered, and photocontrolled molecular beacon for mRNA detection in living cells. <i>Journal of the American Chemical Society</i> , 2013 , 135, 12952-5	16.4	153

