

# Xiaowei Li

## List of Publications by Citations

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20  
papers

671  
citations

13  
h-index

20  
g-index

20  
ext. papers

993  
ext. citations

11  
avg, IF

4.17  
L-index

#	Paper	IF	Citations
20	Metal-Organic Framework Nanocarriers for Drug Delivery in Biomedical Applications. <i>Nano-Micro Letters</i> , <b>2020</b> , 12, 103	19.5	137
19	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 17048-17052	16.4	92
18	Bioapplications of Cell-SELEX-Generated Aptamers in Cancer Diagnostics, Therapeutics, Theranostics and Biomarker Discovery: A Comprehensive Review. <i>Cancers</i> , <b>2018</b> , 10,	6.6	65
17	Nucleic Acid Aptamers for Molecular Diagnostics and Therapeutics: Advances and Perspectives. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 2221-2231	16.4	65
16	Modulating Aptamer Specificity with pH-Responsive DNA Bonds. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 13335-13339	16.4	63
15	Enhanced in Vivo Blood-Brain Barrier Penetration by Circular Tau-Transferrin Receptor Bifunctional Aptamer for Tauopathy Therapy. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 3862-3872	16.4	36
14	Aptamer Displacement Reaction from Live-Cell Surfaces and Its Applications. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 17174-17179	16.4	33
13	Circular Bispecific Aptamer-Mediated Artificial Intercellular Recognition for Targeted T Cell Immunotherapy. <i>ACS Nano</i> , <b>2020</b> , 14, 9562-9571	16.7	32
12	Identification and Characterization of DNA Aptamers Specific for Phosphorylation Epitopes of Tau Protein. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 14314-14323	16.4	30
11	Cross-Linked Aptamer-Lipid Micelles for Excellent Stability and Specificity in Target-Cell Recognition. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 11589-11593	16.4	24
10	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 17294-17298	3.6	23
9	Inhibitory Effects of $\beta$ -and $\gamma$ -Tocopherols on Estrogen-Stimulated Breast Cancer and. <i>Cancer Prevention Research</i> , <b>2017</b> , 10, 188-197	3.2	18
8	Lipid-oligonucleotide conjugates for bioapplications. <i>National Science Review</i> , <b>2020</b> , 7, 1933-1953	10.8	18
7	Molecular domino reactor built by automated modular synthesis for cancer treatment. <i>Theranostics</i> , <b>2020</b> , 10, 4030-4041	12.1	9
6	Cross-Linked Aptamer-Lipid Micelles for Excellent Stability and Specificity in Target-Cell Recognition. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 11763-11767	3.6	6
5	A bispecific circular aptamer tethering a built-in universal molecular tag for functional protein delivery. <i>Chemical Science</i> , <b>2020</b> , 11, 9648-9654	9.4	5
4	Precise Deposition of Polydopamine on Cancer Cell Membrane as Artificial Receptor for Targeted Drug Delivery. <i>IScience</i> , <b>2020</b> , 23, 101750	6.1	4

3	Enhancing the Nucleolytic Resistance and Bioactivity of Functional Nucleic Acids by Diverse Nanostructures through in Situ Polymerization-Induced Self-assembly. <i>ChemBioChem</i> , <b>2021</b> , 22, 754-759 <sup>3.8</sup>	4
2	Engineering G-quadruplex aptamer to modulate its binding specificity. <i>National Science Review</i> , <b>2021</b> , 8, nwa202	10.8 4
1	Nucleic Acid Aptamers for Molecular Diagnostics and Therapeutics: Advances and Perspectives. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 2249-2259	3.6 3