Xiaowei Li

List of Publications by Year in Descending Order

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	Nucleic Acid Aptamers for Molecular Diagnostics and Therapeutics: Advances and Perspectives. *Angewandte Chemie*, **2021**, 133, 2249-2259	3.6	3
19	Nucleic Acid Aptamers for Molecular Diagnostics and Therapeutics: Advances and Perspectives. *Angewandte Chemie - International Edition*, **2021**, 60, 2221-2231	16.4	65
18	Enhancing the Nucleolytic Resistance and Bioactivity of Functional Nucleic Acids by Diverse Nanostructures through in Situ Polymerization-Induced Self-assembly. *ChemBioChem*, **2021**, 22, 754-759	3.8	4
17	Engineering G-quadruplex aptamer to modulate its binding specificity. *National Science Review*, **2021**, 8, nwaa202	10.8	4
16	Precise Deposition of Polydopamine on Cancer Cell Membrane as Artificial Receptor for Targeted Drug Delivery. *IScience*, **2020**, 23, 101750	6.1	4
15	Molecular domino reactor built by automated modular synthesis for cancer treatment. *Theranostics* , **2020**, 10, 4030-4041	12.1	9
14	Circular Bispecific Aptamer-Mediated Artificial Intercellular Recognition for Targeted T Cell Immunotherapy. *ACS Nano*, **2020**, 14, 9562-9571	16.7	32
13	Enhanced in Vivo Blood-Brain Barrier Penetration by Circular Tau-Transferrin Receptor Bifunctional Aptamer for Tauopathy Therapy. *Journal of the American Chemical Society*, **2020**, 142, 3862-3872	16.4	36
12	Metal-Organic Framework Nanocarriers for Drug Delivery in Biomedical Applications. *Nano-Micro Letters*, **2020**, 12, 103	19.5	137
11	Lipid-oligonucleotide conjugates for bioapplications. *National Science Review*, **2020**, 7, 1933-1953	10.8	18
10	A bispecific circular aptamer tethering a built-in universal molecular tag for functional protein delivery. *Chemical Science*, **2020**, 11, 9648-9654	9.4	5
9	Aptamer Displacement Reaction from Live-Cell Surfaces and Its Applications. *Journal of the American Chemical Society*, **2019**, 141, 17174-17179	16.4	33
8	Cross-Linked Aptamer-Lipid Micelles for Excellent Stability and Specificity in Target-Cell Recognition. *Angewandte Chemie - International Edition*, **2018**, 57, 11589-11593	16.4	24
7	Bioapplications of Cell-SELEX-Generated Aptamers in Cancer Diagnostics, Therapeutics, Theranostics and Biomarker Discovery: A Comprehensive Review. *Cancers*, **2018**, 10,	6.6	65
6	Cross-Linked Aptamer□lipid Micelles for Excellent Stability and Specificity in Target-Cell Recognition. *Angewandte Chemie*, **2018**, 130, 11763-11767	3.6	6
5	Identification and Characterization of DNA Aptamers Specific for Phosphorylation Epitopes of Tau Protein. *Journal of the American Chemical Society*, **2018**, 140, 14314-14323	16.4	30
4	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. *Angewandte Chemie*, **2018**, 130, 17294-17298	3.6	23

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3	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. *Angewandte Chemie - International Edition*, **2018**, 57, 17048-17052	16.4	92
2	Modulating Aptamer Specificity with pH-Responsive DNA Bonds. *Journal of the American Chemical Society*, **2018**, 140, 13335-13339	16.4	63
1	Inhibitory Effects of □and □Tocopherols on Estrogen-Stimulated Breast Cancer and. *Cancer Prevention Research*, **2017**, 10, 188-197	3.2	18