

# Xiaowei Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12195009/publications.pdf>

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20  
papers

1,327  
citations

623734

14  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1727  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleic Acid Aptamers for Molecular Diagnostics and Therapeutics: Advances and Perspectives. <i>Angewandte Chemie</i> , 2021, 133, 2249-2259.	2.0	16
2	Nucleic Acid Aptamers for Molecular Diagnostics and Therapeutics: Advances and Perspectives. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2221-2231.	13.8	221
3	Enhancing the Nucleolytic Resistance and Bioactivity of Functional Nucleic Acids by Diverse Nanostructures through <i>in Situ</i> Polymerization-Induced Self-Assembly. <i>ChemBioChem</i> , 2021, 22, 754-759.	2.6	14
4	Engineering G-quadruplex aptamer to modulate its binding specificity. <i>National Science Review</i> , 2021, 8, nwaa202.	9.5	5
5	Lipid-oligonucleotide conjugates for bioapplications. <i>National Science Review</i> , 2020, 7, 1933-1953.	9.5	43
6	A bispecific circular aptamer tethering a built-in universal molecular tag for functional protein delivery. <i>Chemical Science</i> , 2020, 11, 9648-9654.	7.4	13
7	Precise Deposition of Polydopamine on Cancer Cell Membrane as Artificial Receptor for Targeted Drug Delivery. <i>IScience</i> , 2020, 23, 101750.	4.1	9
8	Molecular domino reactor built by automated modular synthesis for cancer treatment. <i>Theranostics</i> , 2020, 10, 4030-4041.	10.0	14
9	Circular Bispecific Aptamer-Mediated Artificial Intercellular Recognition for Targeted T Cell Immunotherapy. <i>ACS Nano</i> , 2020, 14, 9562-9571.	14.6	65
10	Enhanced <i>in Vivo</i> Blood-Brain Barrier Penetration by Circular Tau-Transferrin Receptor Bifunctional Aptamer for Tauopathy Therapy. <i>Journal of the American Chemical Society</i> , 2020, 142, 3862-3872.	13.7	64
11	Metal-Organic Framework Nanocarriers for Drug Delivery in Biomedical Applications. <i>Nano-Micro Letters</i> , 2020, 12, 103.	27.0	363
12	Aptamer Displacement Reaction from Live-Cell Surfaces and Its Applications. <i>Journal of the American Chemical Society</i> , 2019, 141, 17174-17179.	13.7	51
13	Identification and Characterization of DNA Aptamers Specific for Phosphorylation Epitopes of Tau Protein. <i>Journal of the American Chemical Society</i> , 2018, 140, 14314-14323.	13.7	47
14	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. <i>Angewandte Chemie</i> , 2018, 130, 17294-17298.	2.0	31
15	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 17048-17052.	13.8	122
16	Modulating Aptamer Specificity with pH-Responsive DNA Bonds. <i>Journal of the American Chemical Society</i> , 2018, 140, 13335-13339.	13.7	97
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Inhibitory Effects of $\alpha$ - and $\gamma$ -Tocopherols on Estrogen-Stimulated Breast Cancer <i>In Vitro</i> and <i>In Vivo</i> . <i>Cancer Prevention Research</i> , 2017, 10, 188-197.	1.5	26