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	Metalâ€“Organic Framework Nanocarriers for Drug Delivery in Biomedical Applications. Nano-Micro Letters, 2020, 12, 103.	27.0	363
2	Nucleic Acid Aptamers for Molecular Diagnostics and Therapeutics: Advances and Perspectives. Angewandte Chemie - International Edition, 2021, 60, 2221-2231.	13.8	221
3	Selfâ€Assembled Aptamerâ€Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. Angewandte Chemie - International Edition, 2018, 57, 17048-17052.	13.8	122
4	Modulating Aptamer Specificity with pH-Responsive DNA Bonds. Journal of the American Chemical Society, 2018, 140, 13335-13339.	13.7	97
5	Bioapplications of Cell-SELEX-Generated Aptamers in Cancer Diagnostics, Therapeutics, Theranostics and Biomarker Discovery: A Comprehensive Review. Cancers, 2018, 10, 47.	3.7	85
6	Circular Bispecific Aptamer-Mediated Artificial Intercellular Recognition for Targeted T Cell Immunotherapy. ACS Nano, 2020, 14, 9562-9571.	14.6	65
7	Enhanced in Vivo Bloodâ€“Brain Barrier Penetration by Circular Tauâ€“Transferrin Receptor Bifunctional Aptamer for Tauopathy Therapy. Journal of the American Chemical Society, 2020, 142, 3862-3872.	13.7	64
8	Aptamer Displacement Reaction from Live-Cell Surfaces and Its Applications. Journal of the American Chemical Society, 2019, 141, 17174-17179.	13.7	51
9	Identification and Characterization of DNA Aptamers Specific for Phosphorylation Epitopes of Tau Protein. Journal of the American Chemical Society, 2018, 140, 14314-14323.	13.7	47
10	Lipidâ€“oligonucleotide conjugates for bioapplications. National Science Review, 2020, 7, 1933-1953.	9.5	43
11	Crossâ€Linked Aptamerâ€“Lipid Micelles for Excellent Stability and Specificity in Targetâ€Cell Recognition. Angewandte Chemie - International Edition, 2018, 57, 11589-11593.	13.8	33
12	Selfâ€Assembled Aptamerâ€Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. Angewandte Chemie, 2018, 130, 17294-17298.	2.0	31
13	Inhibitory Effects of Î³- and Î´-Tocopherols on Estrogen-Stimulated Breast Cancer In Vitro and In Vivo. Cancer Prevention Research, 2017, 10, 188-197.	1.5	26
14	Nucleic Acid Aptamers for Molecular Diagnostics and Therapeutics: Advances and Perspectives. Angewandte Chemie, 2021, 133, 2249-2259.	2.0	16
15	Molecular domino reactor built by automated modular synthesis for cancer treatment. Theranostics, 2020, 10, 4030-4041.	10.0	14
16	Enhancing the Nucleolytic Resistance and Bioactivity of Functional Nucleic Acids by Diverse Nanostructures through in Situ Polymerizationâ€Induced Selfâ€assembly. ChemBioChem, 2021, 22, 754-759.	2.6	14
17	A bispecific circular aptamer tethering a built-in universal molecular tag for functional protein delivery. Chemical Science, 2020, 11, 9648-9654.	7.4	13
18	Precise Deposition of Polydopamine on Cancer Cell Membrane as Artificial Receptor for Targeted Drug Delivery. IScience, 2020, 23, 101750.	4.1	9

#	Article	IF	Citations
19	Crossâ€Linked Aptamerâ€“Lipid Micelles for Excellent Stability and Specificity in Targetâ€Cell Recognition. Angewandte Chemie, 2018, 130, 11763-11767.	2.0	8
20	Engineering G-quadruplex aptamer to modulate its binding specificity. National Science Review, 2021, 8, nwaa202.	9.5	5