

Xiaoshu Pan

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.

22

papers

629

citations

15

h-index

23

g-index

23

ext. papers

863

ext. citations

12.3

avg, IF

3.83

L-index

#	Paper	IF	Citations
22	Aptamer-Based Logic Computing Reaction on Living Cells to Enable Non-Antibody Immune Checkpoint Blockade Therapy. <i>Journal of the American Chemical Society</i> , 2021 , 143, 8391-8401	16.4	15
21	Enhancing the Nucleolytic Resistance and Bioactivity of Functional Nucleic Acids by Diverse Nanostructures through in Situ Polymerization-Induced Self-assembly. <i>ChemBioChem</i> , 2021 , 22, 754-759 ^{3.8}	3.8	4
20	Engineering G-quadruplex aptamer to modulate its binding specificity. <i>National Science Review</i> , 2021 , 8, nwaa202	10.8	4
19	Precise Deposition of Polydopamine on Cancer Cell Membrane as Artificial Receptor for Targeted Drug Delivery. <i>IScience</i> , 2020 , 23, 101750	6.1	4
18	A programmable polymer library that enables the construction of stimuli-responsive nanocarriers containing logic gates. <i>Nature Chemistry</i> , 2020 , 12, 381-390	17.6	62
17	Molecular domino reactor built by automated modular synthesis for cancer treatment. <i>Theranostics</i> , 2020 , 10, 4030-4041	12.1	9
16	Tumor microenvironment (TME)-activatable circular aptamer-PEG as an effective hierarchical-targeting molecular medicine for photodynamic therapy. <i>Biomaterials</i> , 2020 , 246, 119971	15.6	29
15	Circular Bispecific Aptamer-Mediated Artificial Intercellular Recognition for Targeted T Cell Immunotherapy. <i>ACS Nano</i> , 2020 , 14, 9562-9571	16.7	32
14	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> , 2020 , 142, 3862-3872	16.4	36
13	Lipid-oligonucleotide conjugates for bioapplications. <i>National Science Review</i> , 2020 , 7, 1933-1953	10.8	18
12	A bispecific circular aptamer tethering a built-in universal molecular tag for functional protein delivery. <i>Chemical Science</i> , 2020 , 11, 9648-9654	9.4	5
11	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
10	Artificial Signal Feedback Network Mimicking Cellular Adaptivity. <i>Journal of the American Chemical Society</i> , 2019 , 141, 6458-6461	16.4	31
9	Cross-Linked Aptamer-Lipid Micelles for Excellent Stability and Specificity in Target-Cell Recognition. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11589-11593	16.4	24
8	Cross-Linked Aptamer-Lipid Micelles for Excellent Stability and Specificity in Target-Cell Recognition. <i>Angewandte Chemie</i> , 2018 , 130, 11763-11767	3.6	6
7	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	16.4	30
6	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. <i>Angewandte Chemie</i> , 2018 , 130, 17294-17298	3.6	23

5	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 17048-17052	16.4	92
4	Modulating Aptamer Specificity with pH-Responsive DNA Bonds. <i>Journal of the American Chemical Society</i> , 2018 , 140, 13335-13339	16.4	63
3	Supramolecularly Engineered Circular Bivalent Aptamer for Enhanced Functional Protein Delivery. <i>Journal of the American Chemical Society</i> , 2018 , 140, 6780-6784	16.4	64
2	Recognition-then-Reaction Enables Site-Selective Bioconjugation to Proteins on Live-Cell Surfaces. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11954-11957	16.4	27
1	Recognition-then-Reaction Enables Site-Selective Bioconjugation to Proteins on Live-Cell Surfaces. <i>Angewandte Chemie</i> , 2017 , 129, 12116-12119	3.6	13