

# Xiaoshu Pan

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

1,083  
citations

516561

16  
h-index

642610

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1447  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 17048-17052.	7.2	122
2	A programmable polymer library that enables the construction of stimuli-responsive nanocarriers containing logic gates. <i>Nature Chemistry</i> , 2020, 12, 381-390.	6.6	122
3	Modulating Aptamer Specificity with pH-Responsive DNA Bonds. <i>Journal of the American Chemical Society</i> , 2018, 140, 13335-13339.	6.6	97
4	Supramolecularly Engineered Circular Bivalent Aptamer for Enhanced Functional Protein Delivery. <i>Journal of the American Chemical Society</i> , 2018, 140, 6780-6784.	6.6	91
5	Circular Bispecific Aptamer-Mediated Artificial Intercellular Recognition for Targeted T Cell Immunotherapy. <i>ACS Nano</i> , 2020, 14, 9562-9571.	7.3	65
6	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.	6.6	64
7	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.	6.6	64
8	Tumor microenvironment (TME)-activatable circular aptamer-PEG as an effective hierarchical-targeting molecular medicine for photodynamic therapy. <i>Biomaterials</i> , 2020, 246, 119971.	5.7	54
9	Aptamer Displacement Reaction from Live-Cell Surfaces and Its Applications. <i>Journal of the American Chemical Society</i> , 2019, 141, 17174-17179.	6.6	51
10	Artificial Signal Feedback Network Mimicking Cellular Adaptivity. <i>Journal of the American Chemical Society</i> , 2019, 141, 6458-6461.	6.6	49
11	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.	6.6	47
12	Lipid-oligonucleotide conjugates for bioapplications. <i>National Science Review</i> , 2020, 7, 1933-1953.	4.6	43
13	Recognition-then-Reaction Enables Site-Selective Bioconjugation to Proteins on Live-Cell Surfaces. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11954-11957.	7.2	37
14	Cross-Linked Aptamer-Lipid Micelles for Excellent Stability and Specificity in Target-Cell Recognition. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11589-11593.	7.2	33
15	DNA-Based MXFs to Enhance Radiotherapy and Stimulate Robust Antitumor Immune Responses. <i>Nano Letters</i> , 2022, 22, 2826-2834.	4.5	33
16	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. <i>Angewandte Chemie</i> , 2018, 130, 17294-17298.	1.6	31
17	Recognition-then-Reaction Enables Site-Selective Bioconjugation to Proteins on Live-Cell Surfaces. <i>Angewandte Chemie</i> , 2017, 129, 12116-12119.	1.6	17
18	Molecular domino reactor built by automated modular synthesis for cancer treatment. <i>Theranostics</i> , 2020, 10, 4030-4041.	4.6	14

#	ARTICLE	IF	CITATIONS
19	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.	1.3	14
20	A bispecific circular aptamer tethering a built-in universal molecular tag for functional protein delivery. <i>Chemical Science</i> , 2020, 11, 9648-9654.	3.7	13
21	Precise Deposition of Polydopamine on Cancer Cell Membrane as Artificial Receptor for Targeted Drug Delivery. <i>IScience</i> , 2020, 23, 101750.	1.9	9
22	Cross-Linked Aptamer-Lipid Micelles for Excellent Stability and Specificity in Target-Cell Recognition. <i>Angewandte Chemie</i> , 2018, 130, 11763-11767.	1.6	8
23	Engineering G-quadruplex aptamer to modulate its binding specificity. <i>National Science Review</i> , 2021, 8, nwaa202.	4.6	5