

# Sitao Xie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4778037/publications.pdf>

Version: 2024-02-01

16  
papers

836  
citations

759233

12  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1166  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescence Resonance Energy Transfer-Based DNA Tetrahedron Nanotweezer for Highly Reliable Detection of Tumor-Related mRNA in Living Cells. <i>ACS Nano</i> , 2017, 11, 4060-4066.	14.6	233
2	mRNA-Initiated, Three-Dimensional DNA Amplifier Able to Function inside Living Cells. <i>Journal of the American Chemical Society</i> , 2018, 140, 258-263.	13.7	233
3	In Vivo Monocyte/Macrophage-Hitchhiked Intratumoral Accumulation of Nanomedicines for Enhanced Tumor Therapy. <i>Journal of the American Chemical Society</i> , 2020, 142, 382-391.	13.7	97
4	An Aptamer-Nanotrainer Assembled from Six-Letter DNA Delivers Doxorubicin Selectively to Liver Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 663-668.	13.8	61
5	Aptamer-based optical manipulation of protein subcellular localization in cells. <i>Nature Communications</i> , 2020, 11, 1347.	12.8	44
6	Transducing Complex Biomolecular Interactions by Temperature-Output Artificial DNA Signaling Networks. <i>Journal of the American Chemical Society</i> , 2020, 142, 14234-14239.	13.7	36
7	Designing a biostable L-DNAzyme for lead(II) ion detection in practical samples. <i>Analytical Methods</i> , 2016, 8, 7260-7264.	2.7	23
8	Specific Core-Satellite Nanocarriers for Enhanced Intracellular ROS Generation and Synergistic Photodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 5403-5412.	8.0	23
9	DNA-Capped Silver Nanoflakes as Fluorescent Nanosensor for Highly Sensitive Imaging of Endogenous H <sub>2</sub> S in Cell Division Cycles. <i>Analytical Chemistry</i> , 2019, 91, 15404-15410.	6.5	16
10	Engineering a customized nanodrug delivery system at the cellular level for targeted cancer therapy. <i>Science China Chemistry</i> , 2018, 61, 497-504.	8.2	15
11	Construction of Bispecific Aptamer-Drug Conjugate by a Hybrid Chemical and Biological Approach. <i>Bioconjugate Chemistry</i> , 2020, 31, 1289-1294.	3.6	14
12	Decoding the Complex Free Radical Cascade by Using a DNA Framework-Based Artificial DNA Encoder. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10745-10755.	13.8	14
13	Generation of Biostable L-aptamers against Achiral Targets by Chiral Inversion of Existing D-aptamers. <i>Talanta</i> , 2017, 164, 662-667.	5.5	11
14	An Aptamer-Nanotrainer Assembled from Six-Letter DNA Delivers Doxorubicin Selectively to Liver Cancer Cells. <i>Angewandte Chemie</i> , 2020, 132, 673-678.	2.0	8
15	Artificial Sandwich Base for Monitoring Single-Nucleobase Changes and Charge-Transfer Rates in DNA. <i>Analytical Chemistry</i> , 2019, 91, 2074-2078.	6.5	6
16	Decoding the Complex Free Radical Cascade by Using a DNA Framework-Based Artificial DNA Encoder. <i>Angewandte Chemie</i> , 2021, 133, 10840-10850.	2.0	2