

# Nuli Xie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6628459/publications.pdf>

Version: 2024-02-01

24  
papers

1,758  
citations

361413  
20  
h-index

610901  
24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1854  
citing authors

#	ARTICLE	IF	CITATIONS
1	FRET Nanoflares for Intracellular mRNA Detection: Avoiding False Positive Signals and Minimizing Effects of System Fluctuations. <i>Journal of the American Chemical Society</i> , 2015, 137, 8340-8343.	13.7	285
2	Gold Nanoparticle Loaded Split-DNAzyme Probe for Amplified miRNA Detection in Living Cells. <i>Analytical Chemistry</i> , 2017, 89, 8377-8383.	6.5	140
3	Gold Nanoparticle Based Hairpin-Locked-DNAzyme Probe for Amplified miRNA Imaging in Living Cells. <i>Analytical Chemistry</i> , 2017, 89, 5850-5856.	6.5	124
4	DNA tetrahedron nanostructures for biological applications: biosensors and drug delivery. <i>Analyst</i> , 2017, 142, 3322-3332.	3.5	115
5	Ratiometric Fluorescent Sensing of pH Values in Living Cells by Dual-Fluorophore-Labeled i-Motif Nanoprobes. <i>Analytical Chemistry</i> , 2015, 87, 8724-8731.	6.5	113
6	Aptazyme-Gold Nanoparticle Sensor for Amplified Molecular Probing in Living Cells. <i>Analytical Chemistry</i> , 2016, 88, 5981-5987.	6.5	106
7	A DNA tetrahedron-based molecular beacon for tumor-related mRNA detection in living cells. <i>Chemical Communications</i> , 2016, 52, 2346-2349.	4.1	94
8	Fluorescence resonance energy transfer-based hybridization chain reaction for in situ visualization of tumor-related mRNA. <i>Chemical Science</i> , 2016, 7, 3829-3835.	7.4	85
9	MnO <sub>2</sub> nanosheet mediated FRET binary probes for sensitive detection of intracellular mRNA. <i>Chemical Science</i> , 2017, 8, 668-673.	7.4	76
10	Dual-microRNA-controlled double-amplified cascaded logic DNA circuits for accurate discrimination of cell subtypes. <i>Chemical Science</i> , 2019, 10, 1442-1449.	7.4	73
11	Amplified FRET Nanoflares: An Endogenous mRNA-Powered Nanomachine for Intracellular MicroRNA Imaging. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20104-20111.	13.8	61
12	Competition-Mediated FRET-Switching DNA Tetrahedron Molecular Beacon for Intracellular Molecular Detection. <i>ACS Sensors</i> , 2016, 1, 1445-1452.	7.8	56
13	Powerful Amplification Cascades of FRET-Based Two-Layer Nonenzymatic Nucleic Acid Circuits. <i>Analytical Chemistry</i> , 2016, 88, 5857-5864.	6.5	56
14	Aptamer-based FRET nanoflares for imaging potassium ions in living cells. <i>Chemical Communications</i> , 2016, 52, 11386-11389.	4.1	55
15	A cell-surface-anchored ratiometric i-motif sensor for extracellular pH detection. <i>Chemical Communications</i> , 2016, 52, 7818-7821.	4.1	54
16	Detection of Nucleic Acids in Complex Samples via Magnetic Microbead-Assisted Catalyzed Hairpin Assembly and FRET. <i>Analytical Chemistry</i> , 2018, 90, 7164-7170.	6.5	54
17	Scallop-Inspired DNA Nanomachine: A Ratiometric Nanothermometer for Intracellular Temperature Sensing. <i>Analytical Chemistry</i> , 2017, 89, 12115-12122.	6.5	48
18	Three-Dimensional Molecular Transfer from DNA Nanocages to Inner Gold Nanoparticle Surfaces. <i>ACS Nano</i> , 2019, 13, 4174-4182.	14.6	43

#	ARTICLE	IF	CITATIONS
19	Two-Color-Based Nanoflares for Multiplexed MicroRNAs Imaging in Live Cells. Nanotheranostics, 2018, 2, 96-105.	5.2	38
20	A supersandwich fluorescence in situ hybridization strategy for highly sensitive and selective mRNA imaging in tumor cells. Chemical Communications, 2016, 52, 370-373.	4.1	26
21	Live-Cell MicroRNA Imaging through MnO <sub>2</sub> Nanosheet-Mediated DNA Hybridization Chain Reaction. ChemBioChem, 2018, 19, 147-152.	2.6	20
22	Gold nanoparticle-based 2'-O-methyl modified DNA probes for breast cancerous theranostics. Talanta, 2018, 183, 11-17.	5.5	16
23	Amplified FRET Nanoflares: An Endogenous mRNA-Powered Nanomachine for Intracellular MicroRNA Imaging. Angewandte Chemie, 2020, 132, 20279-20286.	2.0	12
24	Self-assembled DNA-Based geometric polyhedrons: Construction and applications. TrAC - Trends in Analytical Chemistry, 2020, 126, 115844.	11.4	8