

# Lele Li Li

## List of Publications by Year in descending order

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79  
papers

4,045  
citations

136885

32  
h-index

123376

61  
g-index

81  
all docs

81  
docs citations

81  
times ranked

3253  
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering of Upconverted Metal-Organic Frameworks for Near-Infrared Light-Triggered Combinational Photodynamic/Chemo-/Immunotherapy against Hypoxic Tumors. <i>Journal of the American Chemical Society</i> , 2020, 142, 3939-3946.	6.6	294
2	Upconversion Luminescence-Activated DNA Nanodevice for ATP Sensing in Living Cells. <i>Journal of the American Chemical Society</i> , 2018, 140, 578-581.	6.6	283
3	A NIR Light Gated DNA Nanodevice for Spatiotemporally Controlled Imaging of MicroRNA in Cells and Animals. <i>Journal of the American Chemical Society</i> , 2019, 141, 7056-7062.	6.6	213
4	Optical Control of Metal Ion Probes in Cells and Zebrafish Using Highly Selective DNAzymes Conjugated to Upconversion Nanoparticles. <i>Journal of the American Chemical Society</i> , 2018, 140, 17656-17665.	6.6	196
5	Thermophoretic Detection of Exosomal microRNAs by Nanoflares. <i>Journal of the American Chemical Society</i> , 2020, 142, 4996-5001.	6.6	187
6	Nd <sup>3+</sup> -Sensitized Upconversion Metal-Organic Frameworks for Mitochondria-Targeted Amplified Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2634-2638.	7.2	175
7	Engineering Multifunctional DNA Hybrid Nanospheres through Coordination-Driven Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1350-1354.	7.2	149
8	Near-Infrared Light-Initiated Hybridization Chain Reaction for Spatially and Temporally Resolved Signal Amplification. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14877-14881.	7.2	148
9	Heterodimers Made of Upconversion Nanoparticles and Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2017, 139, 13804-13810.	6.6	147
10	Functional DNA Molecules Enable Selective and Stimuli-Responsive Nanoparticles for Biomedical Applications. <i>Accounts of Chemical Research</i> , 2019, 52, 2415-2426.	7.6	143
11	NIR-light-mediated spatially selective triggering of anti-tumor immunity via upconversion nanoparticle-based immunodevices. <i>Nature Communications</i> , 2019, 10, 2839.	5.8	114
12	A Biomimetic Coordination Nanoplatfor for Controlled Encapsulation and Delivery of Drug-Gene Combinations. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8804-8808.	7.2	111
13	An orthogonally regulatable DNA nanodevice for spatiotemporally controlled biorecognition and tumor treatment. <i>Science Advances</i> , 2020, 6, eaba9381.	4.7	105
14	Near-Infrared Light-Initiated Hybridization Chain Reaction for Spatially and Temporally Resolved Signal Amplification. <i>Angewandte Chemie</i> , 2019, 131, 15019-15023.	1.6	101
15	Self-Assembly of Copper-DNAzyme Nanohybrids for Dual-Catalytic Tumor Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14324-14328.	7.2	100
16	An Acidic-Microenvironment-Driven DNA Nanomachine Enables Specific ATP Imaging in the Extracellular Milieu of Tumor. <i>Advanced Materials</i> , 2019, 31, e1901885.	11.1	97
17	Organelle-Specific Photoactivation of DNA Nanosensors for Precise Profiling of Subcellular Enzymatic Activity. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8923-8931.	7.2	97
18	An Enzyme-Activatable Engineered DNAzyme Sensor for Cell-Selective Imaging of Metal Ions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6300-6304.	7.2	85

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19	Spatially Selective Imaging of Mitochondrial MicroRNAs via Optically Programmable Strand Displacement Reactions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17937-17941.	7.2	67
20	Imparting Designer Biorecognition Functionality to Metal-Organic Frameworks by a DNA-Mediated Surface Engineering Strategy. <i>Small</i> , 2018, 14, e1703812.	5.2	59
21	Aptamer photoregulation in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17099-17103.	3.3	56
22	Time-Resolved Activation of pH Sensing and Imaging in Vivo by a Remotely Controllable DNA Nanomachine. <i>Nano Letters</i> , 2020, 20, 874-880.	4.5	56
23	A Cooperatively Activatable, DNA-Based Fluorescent Reporter for Imaging of Correlated Enzymatic Activities. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14887-14891.	7.2	54
24	Heterostructures Made of Upconversion Nanoparticles and Metal-Organic Frameworks for Biomedical Applications. <i>Advanced Science</i> , 2022, 9, e2103911.	5.6	49
25	Self-assembled gemcitabine-gadolinium nanoparticles for magnetic resonance imaging and cancer therapy. <i>Acta Biomaterialia</i> , 2016, 33, 34-39.	4.1	48
26	Light-Activated Nanoprobes for Biosensing and Imaging. <i>Advanced Materials</i> , 2019, 31, e1804745.	11.1	47
27	Real-time monitoring of pH-responsive drug release using a metal-phenolic network-functionalized upconversion nanoconstruct. <i>Nanoscale</i> , 2019, 11, 9201-9206.	2.8	46
28	A photochromic upconversion nanoarchitecture: towards activatable bioimaging and dual NIR light-programmed singlet oxygen generation. <i>Chemical Science</i> , 2019, 10, 10231-10239.	3.7	45
29	Peptide Nucleic Acid (PNA)-Guided Peptide Engineering of an Aptamer Sensor for Protease-Triggered Molecular Imaging. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22659-22663.	7.2	44
30	Upconverted/downshifted NaLnF <sub>4</sub> and metal-organic framework heterostructures boosting NIR-II imaging-guided photodynamic immunotherapy toward tumors. <i>Nano Today</i> , 2022, 43, 101439.	6.2	43
31	Upconversion Luminescence-Controlled DNA Computation for Spatiotemporally Resolved, Multiplexed Molecular Imaging. <i>Analytical Chemistry</i> , 2021, 93, 2500-2509.	3.2	42
32	A Redox-Activatable DNA Nanodevice for Spatially-Selective, AND-Gated Imaging of ATP and Glutathione in Mitochondria. <i>Nano Letters</i> , 2021, 21, 10047-10053.	4.5	39
33	Core-shell gold nanorod@mesoporous-MOF heterostructures for combinational phototherapy. <i>Nanoscale</i> , 2021, 13, 131-137.	2.8	33
34	Core-Shell Nanostars for Multimodal Therapy and Imaging. <i>Theranostics</i> , 2016, 6, 2306-2313.	4.6	31
35	Spatiotemporally Selective Molecular Imaging via Upconversion Luminescence-Controlled, DNA-Based Biosensor Technology. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	29
36	Engineering Multifunctional DNA Hybrid Nanospheres through Coordination-Driven Self-Assembly. <i>Angewandte Chemie</i> , 2019, 131, 1364-1368.	1.6	26

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37	A Biomimetic Coordination Nanoplatform for Controlled Encapsulation and Delivery of Drug-Gene Combinations. <i>Angewandte Chemie</i> , 2019, 131, 8896-8900.	1.6	24
38	A photo-triggerable aptamer nanoswitch for spatiotemporal controllable siRNA delivery. <i>Nanoscale</i> , 2020, 12, 10939-10943.	2.8	23
39	Coordination-driven assembly of proteins and nucleic acids in a single architecture for carrier-free intracellular co-delivery. <i>Nano Today</i> , 2021, 38, 101140.	6.2	23
40	A Multivariate-Gated DNA Nanodevice for Spatioselective Imaging of Pro-metastatic Targets in Extracellular Microenvironment. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	23
41	BaTiO <sub>3</sub> -core Au-shell nanoparticles for photothermal therapy and bimodal imaging. <i>Acta Biomaterialia</i> , 2018, 72, 287-294.	4.1	22
42	DNA-mediated coordinative assembly of upconversion hetero-nanostructures for targeted dual-modality imaging of cancer cells. <i>Chinese Chemical Letters</i> , 2019, 30, 899-902.	4.8	22
43	Near-Infrared Light-Activatable Spherical Nucleic Acids for Conditional Control of Protein Activity. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	21
44	Metal-DNA Coordination-Driven Self-Assembly: A Conceptual Methodology to Expand the Repertoire of DNA Nanobiotechnology. <i>Chemistry - A European Journal</i> , 2019, 25, 13452-13457.	1.7	20
45	Organelle-Specific Photoactivation of DNA Nanosensors for Precise Profiling of Subcellular Enzymatic Activity. <i>Angewandte Chemie</i> , 2021, 133, 9005-9013.	1.6	20
46	One-Step Synthesis of Single-Stranded DNA-Bridged Iron Oxide Supraparticles as MRI Contrast Agents. <i>Nano Letters</i> , 2021, 21, 2793-2799.	4.5	19
47	Spatially Selective Monitoring of Subcellular Enzyme Dynamics in Response to Mitochondria-Targeted Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	19
48	Enzymatically Controlled Nanoflares for Specific Molecular Recognition and Biosensing. <i>Analytical Chemistry</i> , 2022, 94, 8883-8889.	3.2	19
49	A smart DNA nanodevice for ATP-activatable bioimaging and photodynamic therapy. <i>Science China Chemistry</i> , 2020, 63, 1490-1497.	4.2	18
50	Cupredoxin engineered upconversion nanoparticles for ratiometric luminescence sensing of Cu <sup>2+</sup> . <i>Nanoscale Advances</i> , 2019, 1, 2580-2585.	2.2	17
51	An Enzyme-Activatable Engineered DNAzyme Sensor for Cell-Selective Imaging of Metal Ions. <i>Angewandte Chemie</i> , 2021, 133, 6370-6374.	1.6	16
52	Self-Assembly of Copper-DNAzyme Nanohybrids for Dual-Catalytic Tumor Therapy. <i>Angewandte Chemie</i> , 2021, 133, 14445-14449.	1.6	16
53	Upconversion Luminescence-Boosted Escape of DNAzyme from Endosomes for Enhanced Gene-Silencing Efficacy. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	15
54	Spatially Selective Imaging of Mitochondrial MicroRNAs via Optically Programmable Strand Displacement Reactions. <i>Angewandte Chemie</i> , 2021, 133, 18081-18085.	1.6	14

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55	Mild Acidosisâ€Directed Signal Amplification in Tumor Microenvironment via Spatioselective Recruitment of DNA Amplifiers. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	13
56	Trace water mediated growth of oriented single-crystalline mesoporous metalâ€organic frameworks on gold nanorods. <i>Chemical Communications</i> , 2018, 54, 8182-8185.	2.2	12
57	Molecularly engineered truncated tissue factor with therapeutic aptamers for tumor-targeted delivery and vascular infarction. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 2059-2069.	5.7	11
58	Multivalent Engineering of Exosomes with Activatable Aptamer Probes for Specific Regulation and Monitoring of Cell Targeting. <i>Analytical Chemistry</i> , 2022, 94, 3840-3848.	3.2	11
59	Robust Assembly of Colloidal Nanoparticles for Controlled-Reflectance Surface Construction. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 23773-23779.	4.0	10
60	Nd <sup>3+</sup> â€Sensitized Upconversion Metalâ€Organic Frameworks for Mitochondriaâ€Targeted Amplified Photodynamic Therapy. <i>Angewandte Chemie</i> , 2020, 132, 2656-2660.	1.6	10
61	A Cooperatively Activatable, DNAâ€based Fluorescent Reporter for Imaging of Correlated Enzymatic Activities. <i>Angewandte Chemie</i> , 2021, 133, 15013-15017.	1.6	9
62	An activatable DNA nanodevice for correlated imaging of apoptosis-related dual proteins. <i>Nanoscale</i> , 2022, 14, 6465-6470.	2.8	9
63	Peptide Nucleic Acid (PNA)â€Guided Peptide Engineering of an Aptamer Sensor for Proteaseâ€Triggered Molecular Imaging. <i>Angewandte Chemie</i> , 2021, 133, 22841.	1.6	7
64	Cellular evaluation of the metal-organic framework PCN-224 associated with inflammation and autophagy. <i>Toxicology in Vitro</i> , 2021, 70, 105019.	1.1	6
65	Functional DNA-Integrated Nanomaterials for Biosensing. , 2013, , 277-305.		5
66	Nearâ€infrared Lightâ€Activatable Spherical Nucleic Acids for Conditional Control of Protein Activity. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	4
67	Self-assembly of DNA Nanostructures via Bioinspired Metal Ion Coordination. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 268-273.	1.3	3
68	A Multivariateâ€Gated DNA Nanodevice for Spatioselective Imaging of Proâ€metastatic Targets in Extracellular Microenvironment. <i>Angewandte Chemie</i> , 0, , .	1.6	3
69	Spatiotemporally Selective Molecular Imaging via Upconversion Luminescenceâ€Controlled, DNAâ€Based Biosensor Technology. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	3
70	Merging DNA Probes with Nanotechnology for RNA Imaging In vivo. <i>Current Analytical Chemistry</i> , 2022, 18, 622-629.	0.6	2
71	Frontispiece: A Multivariateâ€Gated DNA Nanodevice for Spatioselective Imaging of Proâ€metastatic Targets in Extracellular Microenvironment. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	2
72	Frontispiz: A Multivariateâ€Gated DNA Nanodevice for Spatioselective Imaging of Proâ€metastatic Targets in Extracellular Microenvironment. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	2

