

# Jiang Li

## List of Publications by Year in descending order

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205  
papers

13,072  
citations

23500

58  
h-index

26548

107  
g-index

215  
all docs

215  
docs citations

215  
times ranked

14617  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aptamer-based biosensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2008, 27, 108-117.	5.8	1,149
2	Self-Assembled Multivalent DNA Nanostructures for Noninvasive Intracellular Delivery of Immunostimulatory CpG Oligonucleotides. <i>ACS Nano</i> , 2011, 5, 8783-8789.	7.3	656
3	Single-Particle Tracking and Modulation of Cell Entry Pathways of a Tetrahedral DNA Nanostructure in Live Cells. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7745-7750.	7.2	430
4	DNA origami. <i>Nature Reviews Methods Primers</i> , 2021, 1, .	11.8	382
5	Smart Drug Delivery Nanocarriers with Self-Assembled DNA Nanostructures. <i>Advanced Materials</i> , 2013, 25, 4386-4396.	11.1	378
6	Reconfigurable Three-Dimensional DNA Nanostructures for the Construction of Intracellular Logic Sensors. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9020-9024.	7.2	346
7	Complex silica composite nanomaterials templated with DNA origami. <i>Nature</i> , 2018, 559, 593-598.	13.7	346
8	Laundering Durability of Superhydrophobic Cotton Fabric. <i>Advanced Materials</i> , 2010, 22, 5473-5477.	11.1	276
9	Engineering nucleic acid structures for programmable molecular circuitry and intracellular biocomputation. <i>Nature Chemistry</i> , 2017, 9, 1056-1067.	6.6	259
10	Silicon nanowires-based highly-efficient SERS-active platform for ultrasensitive DNA detection. <i>Nano Today</i> , 2011, 6, 122-130.	6.2	257
11	A Graphene-Based Sensor Array for High-Precision and Adaptive Target Identification with Ensemble Aptamers. <i>Journal of the American Chemical Society</i> , 2012, 134, 13843-13849.	6.6	229
12	Stabilization of Nrf2 by tBHQ Confers Protection against Oxidative Stress-Induced Cell Death in Human Neural Stem Cells. <i>Toxicological Sciences</i> , 2005, 83, 313-328.	1.4	209
13	Graphene Oxide-Based Antibacterial Cotton Fabrics. <i>Advanced Healthcare Materials</i> , 2013, 2, 1259-1266.	3.9	207
14	DNA Hydrogel with Aptamer-Toehold-Based Recognition, Cloaking, and Decloaking of Circulating Tumor Cells for Live Cell Analysis. <i>Nano Letters</i> , 2017, 17, 5193-5198.	4.5	204
15	Polyvalent Immunostimulatory Nanoagents with Self-Assembled CpG Oligonucleotide-Conjugated Gold Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1202-1206.	7.2	183
16	Microarray Analysis Reveals an Antioxidant Responsive Element-driven Gene Set Involved in Conferring Protection from an Oxidative Stress-induced Apoptosis in IMR-32 Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 388-394.	1.6	178
17	Programming nanoparticle valence bonds with single-stranded DNA encoders. <i>Nature Materials</i> , 2020, 19, 781-788.	13.3	166
18	Real-time visualization of clustering and intracellular transport of gold nanoparticles by correlative imaging. <i>Nature Communications</i> , 2017, 8, 15646.	5.8	163

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19	DNA Nanostructure-Programmed Like-Charge Attraction at the Cell-Membrane Interface. <i>ACS Central Science</i> , 2018, 4, 1344-1351.	5.3	163
20	miR-122 regulates collagen production via targeting hepatic stellate cells and suppressing P4HA1 expression. <i>Journal of Hepatology</i> , 2013, 58, 522-528.	1.8	157
21	An immunostimulatory dual-functional nanocarrier that improves cancer immunochemotherapy. <i>Nature Communications</i> , 2016, 7, 13443.	5.8	156
22	An Intelligent DNA Nanorobot with <i>in Vitro</i> Enhanced Protein Lysosomal Degradation of HER2. <i>Nano Letters</i> , 2019, 19, 4505-4517.	4.5	153
23	Gold Nanoparticle-Based Enzyme-Linked Antibody-Aptamer Sandwich Assay for Detection of <i>Salmonella</i> Typhimurium. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 16974-16981.	4.0	151
24	Multiple-Armed Tetrahedral DNA Nanostructures for Tumor-Targeting, Dual-Modality <i>in Vivo</i> Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 4378-4384.	4.0	142
25	Genetic dissection of systemic autoimmune disease in Nrf2-deficient mice. <i>Physiological Genomics</i> , 2004, 18, 261-272.	1.0	136
26	Rolling Circle Amplification-Based DNA Origami Nanostructures for Intracellular Delivery of Immunostimulatory Drugs. <i>Small</i> , 2013, 9, 3082-3087.	5.2	129
27	Implementing digital computing with DNA-based switching circuits. <i>Nature Communications</i> , 2020, 11, 121.	5.8	114
28	Effective co-delivery of doxorubicin and dasatinib using a PEG-Fmoc nanocarrier for combination cancer chemotherapy. <i>Biomaterials</i> , 2015, 67, 104-114.	5.7	111
29	Differential Gene Expression Patterns Revealed by Oligonucleotide Versus Long cDNA Arrays. <i>Toxicological Sciences</i> , 2002, 69, 383-390.	1.4	108
30	Clicking DNA to gold nanoparticles: poly-adenine-mediated formation of monovalent DNA-gold nanoparticle conjugates with nearly quantitative yield. <i>NPG Asia Materials</i> , 2015, 7, e159-e159.	3.8	107
31	Programming Cell Adhesion for On-Chip Sequential Boolean Logic Functions. <i>Journal of the American Chemical Society</i> , 2017, 139, 10176-10179.	6.6	103
32	Regenerable electrochemical immunological sensing at DNA nanostructure-decorated gold surfaces. <i>Chemical Communications</i> , 2011, 47, 6254.	2.2	102
33	One-Shot Immunomodulatory Nanodiamond Agents for Cancer Immunotherapy. <i>Advanced Materials</i> , 2016, 28, 2699-2708.	11.1	102
34	FXR-mediated regulation of eNOS expression in vascular endothelial cells. <i>Cardiovascular Research</i> , 2008, 77, 169-177.	1.8	94
35	Gold-Nanoparticle-Mediated Jigsaw-Puzzle-like Assembly of Supersized Plasmonic DNA Origami. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2966-2969.	7.2	94
36	A general soft-enveloping strategy in the templating synthesis of mesoporous metal nanostructures. <i>Nature Communications</i> , 2018, 9, 521.	5.8	94

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37	Programming Cell-Cell Communications with Engineered Cell Origami Clusters. <i>Journal of the American Chemical Society</i> , 2020, 142, 8800-8808.	6.6	91
38	Programming Enzyme-Initiated Autonomous DNAzyme Nanodevices in Living Cells. <i>ACS Nano</i> , 2017, 11, 11908-11914.	7.3	89
39	Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2021, 64, 171-203.	4.2	88
40	Valency-Controlled Framework Nucleic Acid Signal Amplifiers. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7131-7135.	7.2	85
41	Ghost spintronic THz-emitter-array microscope. <i>Light: Science and Applications</i> , 2020, 9, 99.	7.7	82
42	MoS <sub>2</sub> Nanoprobe for MicroRNA Quantification Based on Duplex-Specific Nuclease Signal Amplification. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 7852-7858.	4.0	81
43	Myelin Sheath as a Dielectric Waveguide for Signal Propagation in the Mid-Infrared to Terahertz Spectral Range. <i>Advanced Functional Materials</i> , 2019, 29, 1807862.	7.8	80
44	Targeted Imaging of Brain Tumors with a Framework Nucleic Acid Probe. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 3414-3420.	4.0	77
45	CpG DNA-mediated immune response in pulmonary endothelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 287, L552-L558.	1.3	74
46	Programming DNA origami patterning with non-canonical DNA-based metallization reactions. <i>Nature Communications</i> , 2019, 10, 5597.	5.8	74
47	Gold nanoparticles-based nanoconjugates for enhanced enzyme cascade and glucose sensing. <i>Analyst</i> , 2012, 137, 4435.	1.7	73
48	DNA nanotechnology-empowered nanoscopic imaging of biomolecules. <i>Chemical Society Reviews</i> , 2021, 50, 5650-5667.	18.7	73
49	Roles of microRNA-29a in the Antifibrotic Effect of Farnesoid X Receptor in Hepatic Stellate Cells. <i>Molecular Pharmacology</i> , 2011, 80, 191-200.	1.0	70
50	Ultrasensitive specific terahertz sensor based on tunable plasmon induced transparency of a graphene micro-ribbon array structure. <i>Optics Express</i> , 2018, 26, 30655.	1.7	68
51	Probing the Intracellular Dynamics of Nitric Oxide and Hydrogen Sulfide Using an Activatable NIR II Fluorescence Reporter. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8450-8454.	7.2	63
52	DNA-Gold Nanoparticle Conjugates-Based Nanoplasmonic Probe for Specific Differentiation of Cell Types. <i>Analytical Chemistry</i> , 2014, 86, 3227-3231.	3.2	62
53	A novel ultrasensitive electrochemical DNA sensor based on double tetrahedral nanostructures. <i>Biosensors and Bioelectronics</i> , 2015, 71, 434-438.	5.3	61
54	Programming Chemical Reaction Networks Using Intramolecular Conformational Motions of DNA. <i>ACS Nano</i> , 2018, 12, 7093-7099.	7.3	61

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55	Long-term Effects of Nanoparticles on Nutrition and Metabolism. <i>Small</i> , 2014, 10, 3603-3611.	5.2	60
56	DNA Nanoribbon-templated Self-assembly of Ultrasmall Fluorescent Copper Nanoclusters with Enhanced Luminescence. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11836-11844.	7.2	60
57	Pattern Recognition Analysis of Proteins Using DNA-decorated Catalytic Gold Nanoparticles. <i>Small</i> , 2013, 9, 2844-2849.	5.2	59
58	Physical and Biochemical Insights on DNA Structures in Artificial and Living Systems. <i>Accounts of Chemical Research</i> , 2014, 47, 1720-1730.	7.6	59
59	Inhibition of Endothelin-1-Mediated Contraction of Hepatic Stellate Cells by FXR Ligand. <i>PLoS ONE</i> , 2010, 5, e13955.	1.1	58
60	Bubble-Mediated Ultrasensitive Multiplex Detection of Metal Ions in Three-Dimensional DNA Nanostructure-Encoded Microchannels. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 16026-16034.	4.0	58
61	DNA Origami-enabled Engineering of Ligand-Drug Conjugates for Targeted Drug Delivery. <i>Small</i> , 2020, 16, e1904857.	5.2	58
62	Rotenone-induced caspase 9/3-independent and -dependent cell death in undifferentiated and differentiated human neural stem cells. <i>Journal of Neurochemistry</i> , 2005, 92, 462-476.	2.1	57
63	An improved d- $\alpha$ -tocopherol-based nanocarrier for targeted delivery of doxorubicin with reversal of multidrug resistance. <i>Journal of Controlled Release</i> , 2014, 196, 272-286.	4.8	57
64	Activity modulation and allosteric control of a scaffolded DNAzyme using a dynamic DNA nanostructure. <i>Chemical Science</i> , 2016, 7, 1200-1204.	3.7	56
65	Valence-engineering of Quantum Dots Using Programmable DNA Scaffolds. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16077-16081.	7.2	56
66	Terahertz wave near-field compressive imaging with a spatial resolution of over $\lambda/100$ . <i>Optics Letters</i> , 2019, 44, 21.	1.7	56
67	MiR-29b inhibits collagen maturation in hepatic stellate cells through down-regulating the expression of HSP47 and lysyl oxidase. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 940-944.	1.0	55
68	Near-perfect terahertz wave amplitude modulation enabled by impedance matching in VO <sub>2</sub> thin films. <i>Applied Physics Letters</i> , 2018, 112, .	1.5	55
69	Multi-functional crosslinked Au nanoaggregates for the amplified optical DNA detection. <i>Biosensors and Bioelectronics</i> , 2009, 24, 3311-3315.	5.3	54
70	A PEG-Fmoc conjugate as a nanocarrier for paclitaxel. <i>Biomaterials</i> , 2014, 35, 7146-7156.	5.7	52
71	Akt signaling-associated metabolic effects of dietary gold nanoparticles in <i>Drosophila</i> . <i>Scientific Reports</i> , 2012, 2, 563.	1.6	51
72	Dual functional immunostimulatory polymeric prodrug carrier with pendent indoximod for enhanced cancer immunochemotherapy. <i>Acta Biomaterialia</i> , 2019, 90, 300-313.	4.1	50

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73	Engineering DNA-Cell Nanozyme Interfaces for Rapid Detection of Dental Bacteria. ACS Applied Materials & Interfaces, 2019, 11, 30640-30647.	4.0	48
74	Programmable Live-Cell CRISPR Imaging with Toehold-Switch-Mediated Strand Displacement. Angewandte Chemie - International Edition, 2020, 59, 20612-20618.	7.2	48
75	Functional DNA Structures and Their Biomedical Applications. CCS Chemistry, 2020, 2, 707-728.	4.6	47
76	Cellular uptake and cytotoxic evaluation of fullereneol in different cell lines. Toxicology, 2010, 269, 155-159.	2.0	46
77	Label-free monitoring of cell death induced by oxidative stress in living human cells using terahertz ATR spectroscopy. Biomedical Optics Express, 2018, 9, 14.	1.5	46
78	Bacterial Analysis Using an Electrochemical DNA Biosensor with Poly-Adenine-Mediated DNA Self-Assembly. ACS Applied Materials & Interfaces, 2018, 10, 6895-6903.	4.0	45
79	Biomolecular sensing via coupling DNA-based recognition with gold nanoparticles. Journal Physics D: Applied Physics, 2009, 42, 203001.	1.3	44
80	Systematic Study in Mammalian Cells Showing No Adverse Response to Tetrahedral DNA Nanostructure. ACS Applied Materials & Interfaces, 2018, 10, 15442-15448.	4.0	43
81	Deciphering active biocompatibility of iron oxide nanoparticles from their intrinsic antagonism. Nano Research, 2018, 11, 2746-2755.	5.8	42
82	Programming Switchable Transcription of Topologically Constrained DNA. Journal of the American Chemical Society, 2020, 142, 10739-10746.	6.6	41
83	Near-Field Nanoscopic Terahertz Imaging of Single Proteins. Small, 2021, 17, e2005814.	5.2	41
84	Regulation of hepatic stellate cell proliferation and activation by glutamine metabolism. PLoS ONE, 2017, 12, e0182679.	1.1	40
85	Role of Nrf2-Dependent ARE-Driven Antioxidant Pathway in Neuroprotection. Methods in Molecular Biology, 2007, 399, 67-78.	0.4	39
86	Synchrotron-based X-ray microscopic studies for bioeffects of nanomaterials. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 515-524.	1.7	38
87	Anti-fibrotic effect of thymoquinone on hepatic stellate cells. Phytomedicine, 2014, 21, 254-260.	2.3	38
88	Constructing Higher-Order DNA Nanoarchitectures with Highly Purified DNA Nanocages. ACS Applied Materials & Interfaces, 2015, 7, 13174-13179.	4.0	37
89	Fractal Nanoplasmonic Labels for Supermultiplex Imaging in Single Cells. Journal of the American Chemical Society, 2019, 141, 11938-11946.	6.6	37
90	Single-Stranded DNA-Encoded Gold Nanoparticle Clusters as Programmable Enzyme Equivalents. Journal of the American Chemical Society, 2022, 144, 6311-6320.	6.6	37

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91	Graphene-based nanoprobe and a prototype optical biosensing platform. <i>Biosensors and Bioelectronics</i> , 2013, 50, 251-255.	5.3	36
92	Encoding Carbon Nanotubes with Tubular Nucleic Acids for Information Storage. <i>Journal of the American Chemical Society</i> , 2019, 141, 17861-17866.	6.6	36
93	Encoding quantized fluorescence states with fractal DNA frameworks. <i>Nature Communications</i> , 2020, 11, 2185.	5.8	36
94	Quantitative investigation of the poly-adenine DNA dissociation from the surface of gold nanoparticles. <i>Scientific Reports</i> , 2015, 5, 10158.	1.6	34
95	Solidifying framework nucleic acids with silica. <i>Nature Protocols</i> , 2019, 14, 2416-2436.	5.5	34
96	DNA orientation-specific adhesion and patterning of living mammalian cells on self-assembled DNA monolayers. <i>Chemical Science</i> , 2016, 7, 2722-2727.	3.7	31
97	Encoding Fluorescence Anisotropic Barcodes with DNA Frameworks. <i>Journal of the American Chemical Society</i> , 2021, 143, 10735-10742.	6.6	31
98	DNA Framework-Mediated Electrochemical Biosensing Platform for Amplification-Free MicroRNA Analysis. <i>Analytical Chemistry</i> , 2020, 92, 4498-4503.	3.2	30
99	Self-assembly of DNA-based drug delivery nanocarriers with rolling circle amplification. <i>Methods</i> , 2014, 67, 198-204.	1.9	29
100	Optimization of terahertz generation from LiNbO <sub>3</sub> under intense laser excitation with the effect of three-photon absorption. <i>Optics Express</i> , 2015, 23, 31313.	1.7	29
101	Blood exposure to graphene oxide may cause anaphylactic death in non-human primates. <i>Nano Today</i> , 2020, 35, 100922.	6.2	29
102	Single cell imaging with near-field terahertz scanning microscopy. <i>Cell Proliferation</i> , 2020, 53, e12788.	2.4	29
103	Engineering a folic acid-decorated ultrasmall gemcitabine nanocarrier for breast cancer therapy: Dual targeting of tumor cells and tumor-associated macrophages. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 1148-1162.	5.7	29
104	Precisely Tailored DNA Nanostructures and their Theranostic Applications. <i>Chemical Record</i> , 2017, 17, 1213-1230.	2.9	28
105	PCR-Free Colorimetric DNA Hybridization Detection Using a 3D DNA Nanostructured Reporter Probe. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 38281-38287.	4.0	28
106	Recent Advances of DNA Nanostructure-Based Cell Membrane Engineering. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001718.	3.9	28
107	Time-dependent changes in ARE-driven gene expression by use of a noise-filtering process for microarray data. <i>Physiological Genomics</i> , 2002, 9, 137-144.	1.0	27
108	Preservation of DNA Nanostructure Carriers: Effects of Freeze-Thawing and Ionic Strength during Lyophilization and Storage. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 18434-18439.	4.0	27

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109	Redox Engineering of Cytochrome c using DNA Nanostructure-Based Charged Encapsulation and Spatial Control. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 13874-13880.	4.0	27
110	Generation of 0.19-mJ THz pulses in LiNbO <sub>3</sub> driven by 800-nm femtosecond laser. <i>Optics Express</i> , 2016, 24, 14828.	1.7	26
111	Terahertz Spectroscopic Diagnosis of Myelin Deficit Brain in Mice and Rhesus Monkey with Chemometric Techniques. <i>Scientific Reports</i> , 2017, 7, 5176.	1.6	26
112	Programming chain-growth copolymerization of DNA hairpin tiles for in-vitro hierarchical supramolecular organization. <i>Nature Communications</i> , 2019, 10, 1006.	5.8	26
113	Electrospun nanostructured Co <sub>3</sub> O <sub>4</sub> /BiVO <sub>4</sub> composite films for photoelectrochemical applications. <i>Journal of Colloid and Interface Science</i> , 2019, 539, 442-447.	5.0	26
114	Programming Biomimetically Confined Aptamers with DNA Frameworks. <i>ACS Nano</i> , 2020, 14, 8776-8783.	7.3	26
115	Generation of 0.3 mW high-power broadband terahertz pulses from GaP crystal pumped by negatively chirped femtosecond laser pulses. <i>Laser Physics Letters</i> , 2013, 10, 125404.	0.6	25
116	High-Q Fano-like resonance based on a symmetric dimer structure and its terahertz sensing application. <i>Optical Materials Express</i> , 2017, 7, 1335.	1.6	25
117	Superresolution imaging of telomeres with continuous wave stimulated emission depletion (STED) microscope. <i>Science China Chemistry</i> , 2016, 59, 1519-1524.	4.2	24
118	Scaling Up Multi-bit DNA Full Adder Circuits with Minimal Strand Displacement Reactions. <i>Journal of the American Chemical Society</i> , 2022, 144, 9479-9488.	6.6	24
119	Driving DNA Origami Assembly with a Terahertz Wave. <i>Nano Letters</i> , 2022, 22, 468-475.	4.5	23
120	Directing curli polymerization with DNA origami nucleators. <i>Nature Communications</i> , 2019, 10, 1395.	5.8	22
121	Enhanced saccharification of corn straw pretreated by alkali combining crude ligninolytic enzymes. <i>Journal of Chemical Technology and Biotechnology</i> , 2012, 87, 1687-1693.	1.6	21
122	Fabrication and $\mu\text{W}$ -level MOPA laser output of planar waveguide $\text{Yb}:\text{YAG}$ ceramic slab. <i>Journal of the American Ceramic Society</i> , 2019, 102, 1758-1767.	1.9	21
123	Engineering a chemoenzymatic cascade for sustainable photobiological hydrogen production with green algae. <i>Energy and Environmental Science</i> , 2020, 13, 2064-2068.	15.6	20
124	Classifying Cell Types with DNA-Encoded Ligand-Receptor Interactions on the Cell Membrane. <i>Nano Letters</i> , 2020, 20, 3521-3527.	4.5	20
125	A high-performance broadband terahertz absorber based on sawtooth-shape doped-silicon. <i>AIP Advances</i> , 2016, 6, 055112.	0.6	19
126	Whole-Brain Mapping of Monosynaptic Afferent Inputs to Cortical CRH Neurons. <i>Frontiers in Neuroscience</i> , 2019, 13, 565.	1.4	19



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127	Efficient terahertz wave generation from GaP crystals pumped by chirp-controlled pulses from femtosecond photonic crystal fiber amplifier. <i>Applied Physics Letters</i> , 2014, 104, 031117.	1.5	18
128	Poly-adenine-mediated fluorescent spherical nucleic acid probes for live-cell imaging of endogenous tumor-related mRNA. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 1797-1807.	1.7	18
129	Remote Photothermal Control of DNA Origami Assembly in Cellular Environments. <i>Nano Letters</i> , 2021, 21, 5834-5841.	4.5	18
130	Hydrophobic collapse-driven nanoparticle coating with poly-adenine adhesives. <i>Chemical Communications</i> , 2021, 57, 3801-3804.	2.2	18
131	Gold Nanoparticle-Mediated Jigsaw-Puzzle-Like Assembly of Supersized Plasmonic DNA Origami. <i>Angewandte Chemie</i> , 2015, 127, 3009-3012.	1.6	17
132	Epitope Binning Assay Using an Electron Transfer-Modulated Aptamer Sensor. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 341-349.	4.0	17
133	Programming PAM antennae for efficient CRISPR-Cas9 DNA editing. <i>Science Advances</i> , 2020, 6, eaay9948.	4.7	17
134	Proteomic Exploration of Endocytosis of Framework Nucleic Acids. <i>Small</i> , 2021, 17, e2100837.	5.2	17
135	Poly-Adenine-Based Spherical Nucleic Acids for Efficient Live-Cell MicroRNA Capture. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14438-14445.	7.2	16
136	Label-Free and Three-Dimensional Visualization Reveals the Dynamics of Plasma Membrane-Derived Extracellular Vesicles. <i>Nano Letters</i> , 2020, 20, 6313-6319.	4.5	15
137	DNA-Guided Room-Temperature Synthesis of Single-Crystalline Gold Nanostructures on Graphdiyne Substrates. <i>ACS Central Science</i> , 2020, 6, 779-786.	5.3	15
138	Dissecting tBHQ induced ARE-driven gene expression through long and short oligonucleotide arrays. <i>Physiological Genomics</i> , 2005, 21, 43-58.	1.0	14
139	Gold nanoflower-based surface-enhanced Raman probes for pH mapping of tumor cell microenvironment. <i>Cell Proliferation</i> , 2019, 52, e12618.	2.4	13
140	Measurement of nanomechanical properties of DNA molecules by PeakForce atomic force microscopy based on DNA origami. <i>Nanoscale</i> , 2019, 11, 4707-4711.	2.8	13
141	Probing Transient DNA Conformation Changes with an Intercalative Fluorescent Excimer. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6624-6630.	7.2	13
142	Metformin-conjugated micellar system with intratumoral pH responsive de-shielding for co-delivery of doxorubicin and nucleic acid. <i>Biochemical Pharmacology</i> , 2021, 189, 114453.	2.0	13
143	Directing Multivalent Aptamer-Receptor Binding on the Cell Surface with Programmable Atom-Like Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	13
144	Sub-diffraction-limit cell imaging using a super-resolution microscope with simplified pulse synchronization. <i>Science China Chemistry</i> , 2017, 60, 1305-1309.	4.2	12

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145	A Nanomicellar Prodrug Carrier Based on Ibuprofen-Conjugated Polymer for Co-delivery of Doxorubicin. <i>Frontiers in Pharmacology</i> , 2018, 9, 781.	1.6	12
146	A Phase Transition Oxide/Graphene Interface for Incident Angle Agile, Ultrabroadband, and Deep THz Modulation. <i>Advanced Materials Interfaces</i> , 2020, 7, 2001297.	1.9	12
147	VO <sub>2</sub> -metallic hybrid metasurfaces for agile terahertz wave modulation by phase transition. <i>APL Materials</i> , 2022, 10, .	2.2	12
148	Molecular Visualization of Early Stage Acute Kidney Injury with a DNA Framework Nanodevice. <i>Advanced Science</i> , 2022, 9, e2105947.	5.6	12
149	Enhancement of terahertz radiation from GaP emitters by subwavelength antireflective micropyramid structures. <i>Optics Letters</i> , 2013, 38, 2053.	1.7	11
150	Giant dual-mode graphene-based terahertz modulator enabled by Fabry-Perot assisted multiple reflection. <i>Optics Letters</i> , 2019, 44, 1630.	1.7	11
151	Targeting metabotropic glutamate receptor 4 for cancer immunotherapy. <i>Science Advances</i> , 2021, 7, eabj4226.	4.7	11
152	Antioxidant Responsive Element Activation by Quinones: Antioxidant Responsive Element Target Genes, Role of PI3 Kinase in Activation. <i>Methods in Enzymology</i> , 2004, 378, 238-258.	0.4	10
153	Enhanced photoresponses of an optically driven VO <sub>2</sub> -based terahertz wave modulator near percolation threshold. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	10
154	Nanomechanical Induction of Autophagy-Related Fluorescence in Single Cells with Atomic Force Microscopy. <i>Advanced Science</i> , 2021, 8, e2102989.	5.6	10
155	Insight into the antibacterial resistance of graphdiyne functionalized by silver nanoparticles. <i>Cell Proliferation</i> , 2022, 55, e13236.	2.4	10
156	Phase transferring luminescent gold nanoclusters via single-stranded DNA. <i>Science China Chemistry</i> , 2022, 65, 1212-1220.	4.2	10
157	Nanomechanical identification of proteins using microcantilever-based chemical sensors. <i>Nanoscale</i> , 2012, 4, 6739.	2.8	9
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