

# Qian Li

## List of Publications by Year in descending order

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269  
papers

11,039  
citations

41258

49  
h-index

48187

88  
g-index

273  
all docs

273  
docs citations

273  
times ranked

12024  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isothermal Amplification of Nucleic Acids. <i>Chemical Reviews</i> , 2015, 115, 12491-12545.	23.0	1,292
2	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
3	Multicomponent Plasmonic Nanoparticles: From Heterostructured Nanoparticles to Colloidal Composite Nanostructures. <i>Chemical Reviews</i> , 2019, 119, 12208-12278.	23.0	289
4	Therapeutic Deep Brain Stimulation in Parkinsonian Rats Directly Influences Motor Cortex. <i>Neuron</i> , 2012, 76, 1030-1041.	3.8	267
5	Concept and Development of Framework Nucleic Acids. <i>Journal of the American Chemical Society</i> , 2018, 140, 17808-17819.	6.6	202
6	Solving mazes with single-molecule DNA navigators. <i>Nature Materials</i> , 2019, 18, 273-279.	13.3	190
7	Nanoscale optical probes for cellular imaging. <i>Chemical Society Reviews</i> , 2014, 43, 2650.	18.7	179
8	Framework nucleic acids as programmable carrier for transdermal drug delivery. <i>Nature Communications</i> , 2019, 10, 1147.	5.8	178
9	Programming nanoparticle valence bonds with single-stranded DNA encoders. <i>Nature Materials</i> , 2020, 19, 781-788.	13.3	166
10	Real-time visualization of clustering and intracellular transport of gold nanoparticles by correlative imaging. <i>Nature Communications</i> , 2017, 8, 15646.	5.8	163
11	DNA Nanostructure-Programmed Like-Charge Attraction at the Cell-Membrane Interface. <i>ACS Central Science</i> , 2018, 4, 1344-1351.	5.3	163
12	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
13	Two-Dimensional MXene-Polymer Heterostructure with Ordered In-Plane Mesochannels for High-Performance Capacitive Deionization. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26528-26534.	7.2	147
14	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
15	Quantizing single-molecule surface-enhanced Raman scattering with DNA origami metamolecules. <i>Science Advances</i> , 2019, 5, eaau4506.	4.7	118
16	Implementing digital computing with DNA-based switching circuits. <i>Nature Communications</i> , 2020, 11, 121.	5.8	114
17	Framework-Nucleic-Acid-Enabled Biosensor Development. <i>ACS Sensors</i> , 2018, 3, 903-919.	4.0	106
18	Cerebroprotection of flavanol (-)-epicatechin after traumatic brain injury via Nrf2-dependent and -independent pathways. <i>Free Radical Biology and Medicine</i> , 2016, 92, 15-28.	1.3	105

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19	Second Primary Malignant Neoplasms and Survival in Adolescent and Young Adult Cancer Survivors. <i>JAMA Oncology</i> , 2017, 3, 1554.	3.4	99
20	Programming Cell-Cell Communications with Engineered Cell Origami Clusters. <i>Journal of the American Chemical Society</i> , 2020, 142, 8800-8808.	6.6	91
21	Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2021, 64, 171-203.	4.2	88
22	Affinity-Modulated Molecular Beacons on MoS <sub>2</sub> Nanosheets for MicroRNA Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 35794-35800.	4.0	87
23	General Interfacial Self-Assembly Engineering for Patterning Two-Dimensional Polymers with Cylindrical Mesopores on Graphene. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10173-10178.	7.2	85
24	Size-Dependent Regulation of Intracellular Trafficking of Polystyrene Nanoparticle-Based Drug-Delivery Systems. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 18619-18625.	4.0	84
25	DNA origami cryptography for secure communication. <i>Nature Communications</i> , 2019, 10, 5469.	5.8	84
26	Self-Protected DNAzyme Walker with a Circular Bulging DNA Shield for Amplified Imaging of miRNAs in Living Cells and Mice. <i>ACS Nano</i> , 2021, 15, 19211-19224.	7.3	84
27	ADSCs-derived extracellular vesicles alleviate neuronal damage, promote neurogenesis and rescue memory loss in mice with Alzheimer's disease. <i>Journal of Controlled Release</i> , 2020, 327, 688-702.	4.8	80
28	Styryl-Based Compounds as Potential in vivo Imaging Agents for $\beta$ -Amyloid Plaques. <i>ChemBioChem</i> , 2007, 8, 1679-1687.	1.3	78
29	Multimodality MRI assessment of grey and white matter injury and blood-brain barrier disruption after intracerebral haemorrhage in mice. <i>Scientific Reports</i> , 2017, 7, 40358.	1.6	77
30	DNA-Based Nanomedicine with Targeting and Enhancement of Therapeutic Efficacy of Breast Cancer Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 15354-15365.	4.0	77
31	Circulating microRNAs: Biomarkers of disease. <i>Clinica Chimica Acta</i> , 2021, 516, 46-54.	0.5	77
32	Diagnostic Accuracy of CT-Guided Transthoracic Needle Biopsy for Solitary Pulmonary Nodules. <i>PLoS ONE</i> , 2015, 10, e0131373.	1.1	76
33	E3 Ligase VHL Promotes Group 2 Innate Lymphoid Cell Maturation and Function via Glycolysis Inhibition and Induction of Interleukin-33 Receptor. <i>Immunity</i> , 2018, 48, 258-270.e5.	6.6	76
34	Epithelial-Mesenchymal Transition and Metabolic Switching in Cancer: Lessons From Somatic Cell Reprogramming. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 760.	1.8	74
35	Interannual climate variability and altered precipitation influence the soil microbial community structure in a Tibetan Plateau grassland. <i>Science of the Total Environment</i> , 2020, 714, 136794.	3.9	69
36	Metal-Organic Framework Nanoparticles for Ameliorating Breast Cancer-Associated Osteolysis. <i>Nano Letters</i> , 2020, 20, 829-840.	4.5	68

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37	Human-specific features of spatial gene expression and regulation in eight brain regions. <i>Genome Research</i> , 2018, 28, 1097-1110.	2.4	66
38	Tumor Chemo-Radiotherapy with Rod-Shaped and Spherical Gold Nano Probes: Shape and Active Targeting Both Matter. <i>Theranostics</i> , 2019, 9, 1893-1908.	4.6	66
39	A Framework Nucleic Acid Based Robotic Nanobee for Active Targeting Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2007342.	7.8	65
40	Chemerin suppresses neuroinflammation and improves neurological recovery via CaMKK2/AMPK/Nrf2 pathway after germinal matrix hemorrhage in neonatal rats. <i>Brain, Behavior, and Immunity</i> , 2018, 70, 179-193.	2.0	64
41	Long non-coding RNA PVT1-5 promotes cell proliferation by regulating miR-126/SLC7A5 axis in lung cancer. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 2350-2355.	1.0	64
42	Encoding DNA Frameworks for Amplified Multiplexed Imaging of Intracellular microRNAs. <i>Analytical Chemistry</i> , 2021, 93, 2226-2234.	3.2	64
43	A poly(thymine)-melamine duplex for the assembly of DNA nanomaterials. <i>Nature Materials</i> , 2020, 19, 1012-1018.	13.3	62
44	Engineering Nanozymes Using DNA for Catalytic Regulation. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 1790-1799.	4.0	61
45	DNA Framework-Encoded Mineralization of Calcium Phosphate. <i>CheM</i> , 2020, 6, 472-485.	5.8	61
46	Epigenetic Remodeling Hydrogel Patches for Multidrug-Resistant Triple-Negative Breast Cancer. <i>Advanced Materials</i> , 2021, 33, e2100949.	11.1	61
47	Microglial Depletion with Clodronate Liposomes Increases Proinflammatory Cytokine Levels, Induces Astrocyte Activation, and Damages Blood Vessel Integrity. <i>Molecular Neurobiology</i> , 2019, 56, 6184-6196.	1.9	60
48	Injectable immunomodulation-based porous chitosan microspheres/HPCH hydrogel composites as a controlled drug delivery system for osteochondral regeneration. <i>Biomaterials</i> , 2022, 285, 121530.	5.7	60
49	DNA Origami-Enabled Engineering of Ligand-Drug Conjugates for Targeted Drug Delivery. <i>Small</i> , 2020, 16, e1904857.	5.2	58
50	Synthesis and application of novel crosslinking polyamine dyes with good dyeing performance. <i>Dyes and Pigments</i> , 2008, 76, 508-514.	2.0	57
51	Cortical Effects of Deep Brain Stimulation. <i>JAMA Neurology</i> , 2014, 71, 100.	4.5	56
52	Sequential Therapy of Acute Kidney Injury with a DNA Nanodevice. <i>Nano Letters</i> , 2021, 21, 4394-4402.	4.5	56
53	Self-Assembly of Metallo-Nucleoside Hydrogels for Injectable Materials That Promote Wound Closure. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 19743-19750.	4.0	55
54	Encapsulation and release of living tumor cells using hydrogels with the hybridization chain reaction. <i>Nature Protocols</i> , 2020, 15, 2163-2185.	5.5	54

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55	Microglia-derived interleukin-10 accelerates post-intracerebral hemorrhage hematoma clearance by regulating CD36. <i>Brain, Behavior, and Immunity</i> , 2021, 94, 437-457.	2.0	54
56	Ligand Exchange and Spin State Equilibria of FeII(N4Py) and Related Complexes in Aqueous Media. <i>Inorganic Chemistry</i> , 2012, 51, 900-913.	1.9	52
57	Unraveling Cell-Type-Specific Targeted Delivery of Membrane-Camouflaged Nanoparticles with Plasmonic Imaging. <i>Nano Letters</i> , 2020, 20, 5228-5235.	4.5	52
58	Post-Assembly Stabilization of Rationally Designed DNA Crystals. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9936-9939.	7.2	50
59	Refinement of learned skilled movement representation in motor cortex deep output layer. <i>Nature Communications</i> , 2017, 8, 15834.	5.8	50
60	Advances in Nanowire Transistor-Based Biosensors. <i>Small Methods</i> , 2018, 2, 1700263.	4.6	49
61	Programmable Live-Cell CRISPR Imaging with Toehold-Switch-Mediated Strand Displacement. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20612-20618.	7.2	48
62	Bioinspired DNA Nanointerface with Anisotropic Aptamers for Accurate Capture of Circulating Tumor Cells. <i>Advanced Science</i> , 2020, 7, 2000647.	5.6	47
63	Net radiation rather than surface moisture limits evapotranspiration over a humid alpine meadow on the northeastern Qinghai-Tibetan Plateau. <i>Ecohydrology</i> , 2018, 11, e1925.	1.1	46
64	Ordered Bicontinuous Mesoporous Polymeric Semiconductor Photocatalyst. <i>ACS Nano</i> , 2020, 14, 13652-13662.	7.3	45
65	Chemerin reverses neurological impairments and ameliorates neuronal apoptosis through ChemR23/CAMKK2/AMPK pathway in neonatal hypoxic-ischemic encephalopathy. <i>Cell Death and Disease</i> , 2019, 10, 97.	2.7	44
66	Ogt controls neural stem/progenitor cell pool and adult neurogenesis through modulating Notch signaling. <i>Cell Reports</i> , 2021, 34, 108905.	2.9	44
67	DNA Assembly-Based Stimuli-Responsive Systems. <i>Advanced Science</i> , 2021, 8, 2100328.	5.6	44
68	Changes in the cellular immune system and circulating inflammatory markers of stroke patients. <i>Oncotarget</i> , 2017, 8, 3553-3567.	0.8	44
69	Systematic Study in Mammalian Cells Showing No Adverse Response to Tetrahedral DNA Nanostructure. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 15442-15448.	4.0	43
70	Near-IR emissive rare-earth nanoparticles for guided surgery. <i>Theranostics</i> , 2020, 10, 2631-2644.	4.6	42
71	Astroglial inhibition attenuates hydrocephalus by increasing cerebrospinal fluid reabsorption through the glymphatic system after germinal matrix hemorrhage. <i>Experimental Neurology</i> , 2019, 320, 113003.	2.0	41
72	PDGFR- $\beta$ modulates vascular smooth muscle cell phenotype via IRF-9/SIRT-1/NF- $\kappa$ B pathway in subarachnoid hemorrhage rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1369-1380.	2.4	41

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73	20-HETE synthesis inhibition promotes cerebral protection after intracerebral hemorrhage without inhibiting angiogenesis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1531-1543.	2.4	41
74	Programming Switchable Transcription of Topologically Constrained DNA. <i>Journal of the American Chemical Society</i> , 2020, 142, 10739-10746.	6.6	41
75	Programmable DNA Hydrogels as Artificial Extracellular Matrix. <i>Small</i> , 2022, 18, e2107640.	5.2	41
76	Enhancing Type I Photochemistry in Photodynamic Therapy Under Near Infrared Light by Using Antennae-Fullerene Complexes. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018, 93, 997-1003.	1.1	39
77	Recent advances in duplex-specific nuclease-based signal amplification strategies for microRNA detection. <i>Biosensors and Bioelectronics</i> , 2020, 165, 112449.	5.3	39
78	Impacts of climate change and human factors on land cover change in inland mountain protected areas: a case study of the Qilian Mountain National Nature Reserve in China. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 486.	1.3	38
79	DNA Framework-Based Topological Cell Sorters. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10406-10410.	7.2	38
80	Constructing Higher-Order DNA Nanoarchitectures with Highly Purified DNA Nanocages. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 13174-13179.	4.0	37
81	Fractal Nanoplasmonic Labels for Supermultiplex Imaging in Single Cells. <i>Journal of the American Chemical Society</i> , 2019, 141, 11938-11946.	6.6	37
82	Real-Time Imaging of Endocytosis and Intracellular Trafficking of Semiconducting Polymer Dots. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 21200-21208.	4.0	36
83	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
84	Data Storage Based on DNA. <i>Small Structures</i> , 2021, 2, 2000046.	6.9	36
85	Colorimetric Analysis of Carcinoembryonic Antigen Using Highly Catalytic Gold Nanoparticles-Decorated MoS <sub>2</sub> Nanocomposites. <i>ACS Applied Bio Materials</i> , 2019, 2, 292-298.	2.3	35
86	Two-Dimensional MXene-Polymer Heterostructure with Ordered In-Plane Mesochannels for High-Performance Capacitive Deionization. <i>Angewandte Chemie</i> , 2021, 133, 26732-26738.	1.6	35
87	Downregulation of N-Acetylglucosaminyltransferase GCNT3 by miR-302b-3p Decreases Non-Small Cell Lung Cancer (NSCLC) Cell Proliferation, Migration and Invasion. <i>Cellular Physiology and Biochemistry</i> , 2018, 50, 987-1004.	1.1	34
88	Programming Motions of DNA Origami Nanomachines. <i>Small</i> , 2019, 15, e1900013.	5.2	34
89	Bead-String-Shaped DNA Nanowires with Intrinsic Structural Advantages and Their Potential for Biomedical Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 3341-3353.	4.0	34
90	DNA-Based Fabrication for Nanoelectronics. <i>Nano Letters</i> , 2020, 20, 5604-5615.	4.5	33

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91	<i>In Situ</i> Activatable Ratiometric NIR-II Fluorescence Nanoprobe for Quantitative Detection of H <sub>2</sub> S in Colon Cancer. <i>Analytical Chemistry</i> , 2021, 93, 9356-9363.	3.2	33
92	Effect of Surface Coating of Gold Nanoparticles on Cytotoxicity and Cell Cycle Progression. <i>Nanomaterials</i> , 2018, 8, 1063.	1.9	32
93	Genetic labeling reveals temporal and spatial expression pattern of D2 dopamine receptor in rat forebrain. <i>Brain Structure and Function</i> , 2019, 224, 1035-1049.	1.2	32
94	ATP-Triggered, Allosteric Self-Assembly of DNA Nanostructures. <i>Journal of the American Chemical Society</i> , 2020, 142, 665-668.	6.6	32
95	Single-Step Organization of Plasmonic Gold Metamaterials with Self-Assembled DNA Nanostructures. <i>Research</i> , 2019, 2019, 7403580.	2.8	32
96	A quantitative protocol for rapid analysis of cell density and size distribution of pelagic and benthic <i>Microcystis</i> colonies by FlowCAM. <i>Journal of Applied Phycology</i> , 2015, 27, 711-720.	1.5	31
97	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
98	Receptor-stimulated transamidation induces activation of Rac1 and Cdc42 and the regulation of dendritic spines. <i>Neuropharmacology</i> , 2017, 117, 93-105.	2.0	31
99	Two-Dimensional Interface Engineering of Mesoporous Polydopamine on Graphene for Novel Organic Cathodes. <i>ACS Applied Energy Materials</i> , 2019, 2, 5816-5823.	2.5	31
100	AlloDriver: a method for the identification and analysis of cancer driver targets. <i>Nucleic Acids Research</i> , 2019, 47, W315-W321.	6.5	31
101	TAAR Agonists. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 257-272.	1.7	31
102	DNA Framework-Supported Electrochemical Analysis of DNA Methylation for Prostate Cancers. <i>Nano Letters</i> , 2020, 20, 7028-7035.	4.5	31
103	Encoding Fluorescence Anisotropic Barcodes with DNA Frameworks. <i>Journal of the American Chemical Society</i> , 2021, 143, 10735-10742.	6.6	31
104	Overexpression of miR-30a in lung adenocarcinoma A549 cell line inhibits migration and invasion via targeting <i>EYA2</i> . <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 48, 220-228.	0.9	30
105	Hippocampal PKR/NLRP1 Inflammasome Pathway Is Required for the Depression-Like Behaviors in Rats with Neuropathic Pain. <i>Neuroscience</i> , 2019, 412, 16-28.	1.1	30
106	Patterning Nanoparticles with DNA Molds. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 13853-13858.	4.0	30
107	Dysregulation of Wnt/β-catenin signaling by protein kinases in hepatocellular carcinoma and its therapeutic application. <i>Cancer Science</i> , 2021, 112, 1695-1706.	1.7	30
108	Hybridization chain reaction amplification for highly sensitive fluorescence detection of DNA with dextran coated microarrays. <i>Biosensors and Bioelectronics</i> , 2016, 81, 92-96.	5.3	29

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109	Rapid response of arbuscular mycorrhizal fungal communities to short-term fertilization in an alpine grassland on the Qinghai-Tibet Plateau. <i>PeerJ</i> , 2016, 4, e2226.	0.9	29
110	Mice carrying a human <i>GLUD2</i> gene recapitulate aspects of human transcriptome and metabolome development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5358-5363.	3.3	28
111	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
112	The E3 ligase VHL controls alveolar macrophage function via metabolic epigenetic regulation. <i>Journal of Experimental Medicine</i> , 2018, 215, 3180-3193.	4.2	28
113	Framework Nucleic Acid-Mediated Pull-Down MicroRNA Detection with Hybridization Chain Reaction Amplification. <i>ACS Applied Bio Materials</i> , 2018, 1, 859-864.	2.3	28
114	Mesoporous Mo <sub>2</sub> C/Carbon Hybrid Nanotubes Synthesized by a Dual-Template Self-Assembly Approach for an Efficient Hydrogen Production Electrocatalyst. <i>Langmuir</i> , 2018, 34, 10924-10931.	1.6	27
115	Alpine grassland management based on ecosystem service relationships on the southern slopes of the Qilian Mountains, China. <i>Journal of Environmental Management</i> , 2021, 288, 112447.	3.8	27
116	Mononuclear Fe(ii)-N4Py complexes in oxidative DNA cleavage: structure, activity and mechanism. <i>Dalton Transactions</i> , 2010, 39, 8012.	1.6	26
117	Delivery of human NKG2D-IL-15 fusion gene by chitosan nanoparticles to enhance antitumor immunity. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 336-343.	1.0	26
118	ErbB4 protects against neuronal apoptosis via activation of YAP/PIK3CB signaling pathway in a rat model of subarachnoid hemorrhage. <i>Experimental Neurology</i> , 2017, 297, 92-100.	2.0	26
119	Spinal IL-36 $\beta$ /IL-36R participates in the maintenance of chronic inflammatory pain through astroglial JNK pathway. <i>Glia</i> , 2019, 67, 438-451.	2.5	26
120	Programming Niche Accessibility and In Vitro Stemness with Intercellular DNA Reactions. <i>Advanced Materials</i> , 2018, 30, e1804861.	11.1	25
121	General Interfacial Self-Assembly Engineering for Patterning Two-Dimensional Polymers with Cylindrical Mesopores on Graphene. <i>Angewandte Chemie</i> , 2019, 131, 10279-10284.	1.6	25
122	Double diamond structured bicontinuous mesoporous titania templated by a block copolymer for anode material of lithium-ion battery. <i>Nano Research</i> , 2021, 14, 992-997.	5.8	25
123	Genome-wide CRISPR/Cas9 library screen identifies PCMT1 as a critical driver of ovarian cancer metastasis. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 24.	3.5	25
124	Room-temperature Barbier single-atom polymerization induced emission as a versatile approach for the utilization of monofunctional carboxylic acid resources. <i>Polymer Chemistry</i> , 2022, 13, 592-599.	1.9	24
125	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
126	Efficient Nuclear DNA Cleavage in Human Cancer Cells by Synthetic Bleomycin Mimics. <i>ACS Chemical Biology</i> , 2014, 9, 1044-1051.	1.6	23



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127	Graphene Nanoprobes for Real-Time Monitoring of Isothermal Nucleic Acid Amplification. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 15245-15253.	4.0	23
128	Charge Neutralization Drives the Shape Reconfiguration of DNA Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5418-5422.	7.2	23
129	Dopamine receptors mediate strategy abandoning via modulation of a specific prelimbic cortexâ€“nucleus accumbens pathway in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4890-E4899.	3.3	23
130	Pore Engineering of 2D Mesoporous Nitrogenâ€“Doped Carbon on Graphene through Block Copolymer Selfâ€“Assembly. <i>Advanced Materials Interfaces</i> , 2019, 6, 1901476.	1.9	23
131	Degradation of Structurally Defined Graphene Nanoribbons by Myeloperoxidase and the Photoâ€“Fenton Reaction. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18515-18521.	7.2	23
132	Biocomputing Based on DNA Strand Displacement Reactions. <i>ChemPhysChem</i> , 2021, 22, 1151-1166.	1.0	23
133	Advances in aptamer-based nuclear imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 2544-2559.	3.3	23
134	Driving DNA Origami Assembly with a Terahertz Wave. <i>Nano Letters</i> , 2022, 22, 468-475.	4.5	23
135	Near-Atomic Fabrication with Nucleic Acids. <i>ACS Nano</i> , 2020, 14, 1319-1337.	7.3	22
136	Photoenhanced Oxidative DNA Cleavage with Non-Heme Iron(II) Complexes. <i>Inorganic Chemistry</i> , 2010, 49, 11009-11017.	1.9	21
137	Photo-induced oxidation of [FeII(N4Py)CH3CN] and related complexes. <i>Dalton Transactions</i> , 2012, 41, 13180.	1.6	21
138	In situ terminus-regulated DNA hydrogelation for ultrasensitive on-chip microRNA assay. <i>Biosensors and Bioelectronics</i> , 2019, 137, 263-270.	5.3	21
139	Programming Accessibility of DNA Monolayers for Degradation-Free Whole-Blood Biosensors. , 2019, 1, 671-676.		21
140	Ecosystem Carbon Storage in Alpine Grassland on the Qinghai Plateau. <i>PLoS ONE</i> , 2016, 11, e0160420.	1.1	20
141	Terminal deoxynucleotidyl transferase (TdT)-catalyzed homo-nucleotides-constituted ssDNA: Inducing tunable-size nanogap for core-shell plasmonic metal nanostructure and acting as Raman reporters for detection of <i>Escherichia coli</i> O157:H7. <i>Biosensors and Bioelectronics</i> , 2019, 141, 111419.	5.3	20
142	Erianin inhibits the oncogenic properties of hepatocellular carcinoma via inducing DNA damage and aberrant mitosis. <i>Biochemical Pharmacology</i> , 2020, 182, 114266.	2.0	20
143	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
144	Classifying Cell Types with DNA-Encoded Ligandâ€“Receptor Interactions on the Cell Membrane. <i>Nano Letters</i> , 2020, 20, 3521-3527.	4.5	20

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145	Biosensors based on DNA logic gates. <i>View</i> , 2021, 2, 20200038.	2.7	20
146	Live-cell imaging of octaarginine-modified polymer dots via single particle tracking. <i>Cell Proliferation</i> , 2019, 52, e12556.	2.4	19
147	DNA framework-engineered electrochemical biosensors. <i>Science China Life Sciences</i> , 2020, 63, 1130-1141.	2.3	19
148	Protein-Mimicking Nanoparticles for a Cellular Regulation of Homeostasis. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 31331-31336.	4.0	19
149	TIGAR Is Correlated with Maximal Standardized Uptake Value on FDG-PET and Survival in Non-Small Cell Lung Cancer. <i>PLoS ONE</i> , 2013, 8, e80576.	1.1	18
150	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
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