

Qian Li

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

252
papers

6,306
citations

37
h-index

69
g-index

273
ext. papers

8,693
ext. citations

9.5
avg, IF

6.32
L-index

#	Paper	IF	Citations
252	Isothermal Amplification of Nucleic Acids. <i>Chemical Reviews</i> , 2015 , 115, 12491-545	68.1	865
251	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, 7745-50	16.4	326
250	Therapeutic deep brain stimulation in Parkinsonian rats directly influences motor cortex. <i>Neuron</i> , 2012 , 76, 1030-41	13.9	218
249	Nanoscale optical probes for cellular imaging. <i>Chemical Society Reviews</i> , 2014 , 43, 2650-61	58.5	166
248	Multicomponent Plasmonic Nanoparticles: From Heterostructured Nanoparticles to Colloidal Composite Nanostructures. <i>Chemical Reviews</i> , 2019 , 119, 12208-12278	68.1	153
247	Concept and Development of Framework Nucleic Acids. <i>Journal of the American Chemical Society</i> , 2018 , 140, 17808-17819	16.4	124
246	Solving mazes with single-molecule DNA navigators. <i>Nature Materials</i> , 2019 , 18, 273-279	27	121
245	Real-time visualization of clustering and intracellular transport of gold nanoparticles by correlative imaging. <i>Nature Communications</i> , 2017 , 8, 15646	17.4	116
244	Multiple-Armed Tetrahedral DNA Nanostructures for Tumor-Targeting, Dual-Modality in Vivo Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 4378-84	9.5	110
243	Framework nucleic acids as programmable carrier for transdermal drug delivery. <i>Nature Communications</i> , 2019 , 10, 1147	17.4	106
242	DNA Nanostructure-Programmed Like-Charge Attraction at the Cell-Membrane Interface. <i>ACS Central Science</i> , 2018 , 4, 1344-1351	16.8	102
241	An Intelligent DNA Nanorobot with Enhanced Protein Lysosomal Degradation of HER2. <i>Nano Letters</i> , 2019 , 19, 4505-4517	11.5	91
240	Programming nanoparticle valence bonds with single-stranded DNA encoders. <i>Nature Materials</i> , 2020 , 19, 781-788	27	88
239	Framework-Nucleic-Acid-Enabled Biosensor Development. <i>ACS Sensors</i> , 2018 , 3, 903-919	9.2	79
238	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	7.8	79
237	Quantizing single-molecule surface-enhanced Raman scattering with DNA origami metamolecules. <i>Science Advances</i> , 2019 , 5, eaau4506	14.3	67
236	Second Primary Malignant Neoplasms and Survival in Adolescent and Young Adult Cancer Survivors. <i>JAMA Oncology</i> , 2017 , 3, 1554-1557	13.4	65

235	Affinity-Modulated Molecular Beacons on MoS Nanosheets for MicroRNA Detection. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 35794-35800	9.5	63
234	Styryl-based compounds as potential in vivo imaging agents for beta-amyloid plaques. <i>ChemBioChem</i> , 2007 , 8, 1679-87	3.8	60
233	Size-Dependent Regulation of Intracellular Trafficking of Polystyrene Nanoparticle-Based Drug-Delivery Systems. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 18619-18625	9.5	59
232	Diagnostic Accuracy of CT-Guided Transthoracic Needle Biopsy for Solitary Pulmonary Nodules. <i>PLoS ONE</i> , 2015 , 10, e0131373	3.7	55
231	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	16.4	53
230	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	4.9	52
229	Implementing digital computing with DNA-based switching circuits. <i>Nature Communications</i> , 2020 , 11, 121	17.4	50
228	Programming Cell-Cell Communications with Engineered Cell Origami Clusters. <i>Journal of the American Chemical Society</i> , 2020 , 142, 8800-8808	16.4	50
227	DNA-Based Nanomedicine with Targeting and Enhancement of Therapeutic Efficacy of Breast Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 15354-15365	9.5	49
226	Ligand exchange and spin state equilibria of Fe(II)(N4Py) and related complexes in aqueous media. <i>Inorganic Chemistry</i> , 2012 , 51, 900-13	5.1	46
225	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	32.3	45
224	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	3.4	45
223	Synthesis and application of novel crosslinking polyamine dyes with good dyeing performance. <i>Dyes and Pigments</i> , 2008 , 76, 508-514	4.6	43
222	Post-Assembly Stabilization of Rationally Designed DNA Crystals. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 9936-9	16.4	42
221	Cortical effects of deep brain stimulation: implications for pathogenesis and treatment of Parkinson disease. <i>JAMA Neurology</i> , 2014 , 71, 100-3	17.2	41
220	Tumor Chemo-Radiotherapy with Rod-Shaped and Spherical Gold Nano Probes: Shape and Active Targeting Both Matter. <i>Theranostics</i> , 2019 , 9, 1893-1908	12.1	39
219	Human-specific features of spatial gene expression and regulation in eight brain regions. <i>Genome Research</i> , 2018 , 28, 1097-1110	9.7	39
218	A poly(thymine)-melamine duplex for the assembly of DNA nanomaterials. <i>Nature Materials</i> , 2020 , 19, 1012-1018	27	38

217	Engineering Nanozymes Using DNA for Catalytic Regulation. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 1790-1799	9.5	38
216	A Framework Nucleic Acid Based Robotic Nanobee for Active Targeting Therapy. <i>Advanced Functional Materials</i> , 2021 , 31, 2007342	15.6	37
215	DNA origami cryptography for secure communication. <i>Nature Communications</i> , 2019 , 10, 5469	17.4	36
214	Metal-Organic Framework Nanoparticles for Ameliorating Breast Cancer-Associated Osteolysis. <i>Nano Letters</i> , 2020 , 20, 829-840	11.5	34
213	Advances in Nanowire Transistor-Based Biosensors. <i>Small Methods</i> , 2018 , 2, 1700263	12.8	33
212	Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2020 , 64, 1-33	7.9	33
211	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	6.2	31
210	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	16.6	31
209	Systematic Study in Mammalian Cells Showing No Adverse Response to Tetrahedral DNA Nanostructure. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 15442-15448	9.5	31
208	Single-Particle Tracking and Modulation of Cell Entry Pathways of a Tetrahedral DNA Nanostructure in Live Cells. <i>Angewandte Chemie</i> , 2014 , 126, 7879-7884	3.6	31
207	Changes in the cellular immune system and circulating inflammatory markers of stroke patients. <i>Oncotarget</i> , 2017 , 8, 3553-3567	3.3	31
206	DNA Framework-Encoded Mineralization of Calcium Phosphate. <i>CheM</i> , 2020 , 6, 472-485	16.2	31
205	Refinement of learned skilled movement representation in motor cortex deep output layer. <i>Nature Communications</i> , 2017 , 8, 15834	17.4	30
204	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	16.4	30
203	PDGFR- β modulates vascular smooth muscle cell phenotype via IRF-9/SIRT-1/NF- κ B pathway in subarachnoid hemorrhage rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019 , 39, 1369-1380	7.3	30
202	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	7.3	30
201	Constructing Higher-Order DNA Nanoarchitectures with Highly Purified DNA Nanocages. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 13174-9	9.5	29
200	Overexpression of miR-30a in lung adenocarcinoma A549 cell line inhibits migration and invasion via targeting EYA2. <i>Acta Biochimica Et Biophysica Sinica</i> , 2016 , 48, 220-8	2.8	29

199	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	2.5	28
198	Real-Time Imaging of Endocytosis and Intracellular Trafficking of Semiconducting Polymer Dots. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 21200-21208	9.5	27
197	Self-Assembly of Metallo-Nucleoside Hydrogels for Injectable Materials That Promote Wound Closure. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 19743-19750	9.5	27
196	Encoding Carbon Nanotubes with Tubular Nucleic Acids for Information Storage. <i>Journal of the American Chemical Society</i> , 2019 , 141, 17861-17866	16.4	27
195	Hybridization chain reaction amplification for highly sensitive fluorescence detection of DNA with dextran coated microarrays. <i>Biosensors and Bioelectronics</i> , 2016 , 81, 92-96	11.8	26
194	DNA orientation-specific adhesion and patterning of living mammalian cells on self-assembled DNA monolayers. <i>Chemical Science</i> , 2016 , 7, 2722-2727	9.4	26
193	Encapsulation and release of living tumor cells using hydrogels with the hybridization chain reaction. <i>Nature Protocols</i> , 2020 , 15, 2163-2185	18.8	25
192	DNA Origami-Enabled Engineering of Ligand-Drug Conjugates for Targeted Drug Delivery. <i>Small</i> , 2020 , 16, e1904857	11	25
191	Mononuclear Fe(II)-N4Py complexes in oxidative DNA cleavage: structure, activity and mechanism. <i>Dalton Transactions</i> , 2010 , 39, 8012-21	4.3	25
190	PCR-Free Colorimetric DNA Hybridization Detection Using a 3D DNA Nanostructured Reporter Probe. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 38281-38287	9.5	23
189	Fractal Nanoplasmonic Labels for Supermultiplex Imaging in Single Cells. <i>Journal of the American Chemical Society</i> , 2019 , 141, 11938-11946	16.4	23
188	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	3.1	23
187	Epigenetic Remodeling Hydrogel Patches for Multidrug-Resistant Triple-Negative Breast Cancer. <i>Advanced Materials</i> , 2021 , 33, e2100949	24	23
186	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	4.6	23
185	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	9.8	22
184	AlloDriver: a method for the identification and analysis of cancer driver targets. <i>Nucleic Acids Research</i> , 2019 , 47, W315-W321	20.1	22
183	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	3.2	22
182	Astrogliosis inhibition attenuates hydrocephalus by increasing cerebrospinal fluid reabsorption through the glymphatic system after germinal matrix hemorrhage. <i>Experimental Neurology</i> , 2019 , 320, 113003	5.7	22

181	Single-Step Organization of Plasmonic Gold Metamaterials with Self-Assembled DNA Nanostructures. <i>Research</i> , 2019 , 2019, 7403580	7.8	22
180	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	3.9	22
179	Hippocampal PKR/NLRP1 Inflammasome Pathway Is Required for the Depression-Like Behaviors in Rats with Neuropathic Pain. <i>Neuroscience</i> , 2019 , 412, 16-28	3.9	21
178	Two-Dimensional Interface Engineering of Mesoporous Polydopamine on Graphene for Novel Organic Cathodes. <i>ACS Applied Energy Materials</i> , 2019 , 2, 5816-5823	6.1	21
177	Efficient nuclear DNA cleavage in human cancer cells by synthetic bleomycin mimics. <i>ACS Chemical Biology</i> , 2014 , 9, 1044-51	4.9	21
176	Mice carrying a human GLUD2 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, 5358-63	11.5	21
175	Receptor-stimulated transamidation induces activation of Rac1 and Cdc42 and the regulation of dendritic spines. <i>Neuropharmacology</i> , 2017 , 117, 93-105	5.5	20
174	Graphene Nanoprobes for Real-Time Monitoring of Isothermal Nucleic Acid Amplification. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 15245-15253	9.5	20
173	Programming Motions of DNA Origami Nanomachines. <i>Small</i> , 2019 , 15, e1900013	11	20
172	Patterning Nanoparticles with DNA Molds. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 13853-13858	9.5	20
171	Programming Switchable Transcription of Topologically Constrained DNA. <i>Journal of the American Chemical Society</i> , 2020 , 142, 10739-10746	16.4	20
170	DNA Framework-Based Topological Cell Sorters. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10406-10410	16.4	20
169	Near-IR emissive rare-earth nanoparticles for guided surgery. <i>Theranostics</i> , 2020 , 10, 2631-2644	12.1	20
168	Mesoporous MoC/Carbon Hybrid Nanotubes Synthesized by a Dual-Template Self-Assembly Approach for an Efficient Hydrogen Production Electrocatalyst. <i>Langmuir</i> , 2018 , 34, 10924-10931	4	20
167	Photo-induced oxidation of [Fe(II)(N4Py)CH3CN] and related complexes. <i>Dalton Transactions</i> , 2012 , 41, 13180-90	4.3	20
166	Delivery of human NKG2D-IL-15 fusion gene by chitosan nanoparticles to enhance antitumor immunity. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 463, 336-43	3.4	19
165	Photoenhanced oxidative DNA cleavage with non-heme iron(II) complexes. <i>Inorganic Chemistry</i> , 2010 , 49, 11009-17	5.1	19
164	Ordered Bicontinuous Mesoporous Polymeric Semiconductor Photocatalyst. <i>ACS Nano</i> , 2020 , 14, 13652-13662	16.6	19

163	Recent advances in duplex-specific nuclease-based signal amplification strategies for microRNA detection. <i>Biosensors and Bioelectronics</i> , 2020 , 165, 112449	11.8	19
162	Programmable Live-Cell CRISPR Imaging with Toehold-Switch-Mediated Strand Displacement. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20612-20618	16.4	19
161	Circulating microRNAs: Biomarkers of disease. <i>Clinica Chimica Acta</i> , 2021 , 516, 46-54	6.2	19
160	Colorimetric Analysis of Carcinoembryonic Antigen Using Highly Catalytic Gold Nanoparticles-Decorated MoS Nanocomposites.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 292-298	4.1	19
159	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	4	19
158	The E3 ligase VHL controls alveolar macrophage function via metabolic-epigenetic regulation. <i>Journal of Experimental Medicine</i> , 2018 , 215, 3180-3193	16.6	19
157	Unraveling Cell-Type-Specific Targeted Delivery of Membrane-Camouflaged Nanoparticles with Plasmonic Imaging. <i>Nano Letters</i> , 2020 , 20, 5228-5235	11.5	18
156	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	10.2	18
155	Framework Nucleic Acid-Mediated Pull-Down MicroRNA Detection with Hybridization Chain Reaction Amplification.. <i>ACS Applied Bio Materials</i> , 2018 , 1, 859-864	4.1	18
154	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	5.7	18
153	Bead-String-Shaped DNA Nanowires with Intrinsic Structural Advantages and Their Potential for Biomedical Applications. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 3341-3353	9.5	18
152	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	11.7	18
151	Spinal IL-36/IL-36R participates in the maintenance of chronic inflammatory pain through astroglial JNK pathway. <i>Glia</i> , 2019 , 67, 438-451	9	18
150	Encoding DNA Frameworks for Amplified Multiplexed Imaging of Intracellular microRNAs. <i>Analytical Chemistry</i> , 2021 , 93, 2226-2234	7.8	18
149	Effect of Surface Coating of Gold Nanoparticles on Cytotoxicity and Cell Cycle Progression. <i>Nanomaterials</i> , 2018 , 8,	5.4	18
148	Programming Niche Accessibility and In Vitro Stemness with Intercellular DNA Reactions. <i>Advanced Materials</i> , 2018 , 30, e1804861	24	18
147	In situ terminus-regulated DNA hydrogelation for ultrasensitive on-chip microRNA assay. <i>Biosensors and Bioelectronics</i> , 2019 , 137, 263-270	11.8	17
146	Charge Neutralization Drives the Shape Reconfiguration of DNA Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 5418-5422	16.4	17

145	Epithelial-Mesenchymal Transition and Metabolic Switching in Cancer: Lessons From Somatic Cell Reprogramming. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 760	5.7	17
144	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	3.1	16
143	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	3.7	16
142	ATP-Triggered, Allosteric Self-Assembly of DNA Nanostructures. <i>Journal of the American Chemical Society</i> , 2020 , 142, 665-668	16.4	16
141	General Interfacial Self-Assembly Engineering for Patterning Two-Dimensional Polymers with Cylindrical Mesopores on Graphene. <i>Angewandte Chemie</i> , 2019 , 131, 10279-10284	3.6	15
140	Degradation of Structurally Defined Graphene Nanoribbons by Myeloperoxidase and the Photo-Fenton Reaction. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 18515-18521	16.4	15
139	Bioinspired DNA Nanointerface with Anisotropic Aptamers for Accurate Capture of Circulating Tumor Cells. <i>Advanced Science</i> , 2020 , 7, 2000647	13.6	15
138	Pore Engineering of 2D Mesoporous Nitrogen-Doped Carbon on Graphene through Block Copolymer Self-Assembly. <i>Advanced Materials Interfaces</i> , 2019 , 6, 1901476	4.6	15
137	Changes of soil organic and inorganic carbon in relation to grassland degradation in Northern Tibet. <i>Ecological Research</i> , 2017 , 32, 395-404	1.9	14
136	Reciprocal control of lncRNA-BCAT1 and Eatenin pathway reveals lncRNA-BCAT1 long non-coding RNA acts as a tumor suppressor in colorectal cancer. <i>Oncotarget</i> , 2017 , 8, 23628-23637	3.3	14
135	Recognizing single phospholipid vesicle collisions on carbon fiber nanoelectrode. <i>Science China Chemistry</i> , 2017 , 60, 1474-1480	7.9	14
134	Near-Atomic Fabrication with Nucleic Acids. <i>ACS Nano</i> , 2020 , 14, 1319-1337	16.7	13
133	Dopamine receptors mediate strategy abandoning via modulation of a specific prelimbic cortex-nucleus accumbens pathway in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E4890-E4899	11.5	13
132	DNA cleavage activity of Fe(II)N4Py under photo irradiation in the presence of 1,8-naphthalimide and 9-aminoacridine: unexpected effects of reactive oxygen species scavengers. <i>Inorganic Chemistry</i> , 2011 , 50, 8318-25	5.1	13
131	DNA-Based Fabrication for Nanoelectronics. <i>Nano Letters</i> , 2020 , 20, 5604-5615	11.5	13
130	Sequential Therapy of Acute Kidney Injury with a DNA Nanodevice. <i>Nano Letters</i> , 2021 , 21, 4394-4402	11.5	13
129	Distribution of soil carbon in different grassland types of the Qinghai-Tibetan Plateau. <i>Journal of Mountain Science</i> , 2016 , 13, 1806-1817	2.1	12
128	Size-Independent Transmembrane Transporting of Single Tetrahedral DNA Nanostructures. <i>Global Challenges</i> , 2020 , 4, 1900075	4.3	12

127	Dysregulation of Wnt/ β -catenin signaling by protein kinases in hepatocellular carcinoma and its therapeutic application. <i>Cancer Science</i> , 2021 , 112, 1695-1706	6.9	12
126	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	10	12
125	Classifying Cell Types with DNA-Encoded Ligand-Receptor Interactions on the Cell Membrane. <i>Nano Letters</i> , 2020 , 20, 3521-3527	11.5	11
124	TAAR Agonists. <i>Cellular and Molecular Neurobiology</i> , 2020 , 40, 257-272	4.6	11
123	DNA Assembly-Based Stimuli-Responsive Systems. <i>Advanced Science</i> , 2021 , 8, 2100328	13.6	11
122	Microglia-derived interleukin-10 accelerates post-intracerebral hemorrhage hematoma clearance by regulating CD36. <i>Brain, Behavior, and Immunity</i> , 2021 , 94, 437-457	16.6	11
121	Ion-Mediated Polymerase Chain Reactions Performed with an Electronically Driven Microfluidic Device. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 12450-4	16.4	11
120	Immune regulation by protein ubiquitination: roles of the E3 ligases VHL and Itch. <i>Protein and Cell</i> , 2019 , 10, 395-404	7.2	11
119	Epitope Binning Assay Using an Electron Transfer-Modulated Aptamer Sensor. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 341-349	9.5	11
118	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	6	11
117	Activatable Ratiometric NIR-II Fluorescence Nanoprobe for Quantitative Detection of HS in Colon Cancer. <i>Analytical Chemistry</i> , 2021 , 93, 9356-9363	7.8	11
116	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 Escherichia coli O157:H7. <i>Biosensors and Bioelectronics</i> , 2019 , 141, 111419	11.8	10
115	Framework Nucleic Acid-Enabled Programming of Electrochemical Catalytic Properties of Artificial Enzymes. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 21859-21864	9.5	10
114	Translocation of tetrahedral DNA nanostructures through a solid-state nanopore. <i>Nanoscale</i> , 2019 , 11, 6263-6269	7.7	10
113	Programming Accessibility of DNA Monolayers for Degradation-Free Whole-Blood Biosensors 2019 , 1, 671-676		10
112	Data Storage Based on DNA. <i>Small Structures</i> , 2021 , 2, 2000046	8.7	10
111	The Impact of Repeated Freeze-Thaw Cycles on the Quality of Biomolecules in Four Different Tissues. <i>Biopreservation and Biobanking</i> , 2017 , 15, 475-483	2.1	9
110	Nonlinear Regulation of Enzyme-Free DNA Circuitry with Ultrasensitive Switches. <i>ACS Synthetic Biology</i> , 2019 , 8, 2106-2112	5.7	9

109	ALD-coated ultrathin Al ₂ O ₃ film on BiVO ₄ nanoparticles for efficient PEC water splitting. <i>Nuclear Science and Techniques/Hewuli</i> , 2016 , 27, 1	2.1	9
108	DNA Framework-Supported Electrochemical Analysis of DNA Methylation for Prostate Cancers. <i>Nano Letters</i> , 2020 , 20, 7028-7035	11.5	9
107	Ecosystem Carbon Storage in Alpine Grassland on the Qinghai Plateau. <i>PLoS ONE</i> , 2016 , 11, e0160420	3.7	9
106	Live-cell imaging of octaarginine-modified polymer dots via single particle tracking. <i>Cell Proliferation</i> , 2019 , 52, e12556	7.9	8
105	Engineering a chemoenzymatic cascade for sustainable photobiological hydrogen production with green algae. <i>Energy and Environmental Science</i> , 2020 , 13, 2064-2068	35.4	8
104	Ultrasensitive analysis of microRNAs with gold nanoparticle-decorated molybdenum disulfide nanohybrid-based multilayer nanoprobe. <i>Chemical Communications</i> , 2020 , 56, 9012-9015	5.8	8
103	DNA framework-engineered electrochemical biosensors. <i>Science China Life Sciences</i> , 2020 , 63, 1130-1148	18.5	8
102	Protein-Mimicking Nanoparticles for a Cellular Regulation of Homeostasis. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 31331-31336	9.5	8
101	Light Grazing Significantly Reduces Soil Water Storage in Alpine Grasslands on the Qinghai-Tibet Plateau. <i>Sustainability</i> , 2020 , 12, 2523	3.6	7
100	Prescribing DNA Origami Patterns via Scaffold Decoration. <i>Small</i> , 2020 , 16, e2000793	11	7
99	Epidermal growth factor receptor kinase substrate β promotes the metastasis of cervical cancer via the epithelial-mesenchymal transition. <i>Molecular Medicine Reports</i> , 2016 , 14, 3220-8	2.9	7
98	Post-Assembly Stabilization of Rationally Designed DNA Crystals. <i>Angewandte Chemie</i> , 2015 , 127, 10074-10077	3.10	7
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