

Qian Li

List of Publications by Year in Descending Order

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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	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	12.8	1
251	Molecular and Phenotypic Expansion of Alström Syndrome in Chinese Patients.. <i>Frontiers in Genetics</i> , 2022 , 13, 808919	4.5	0
250	Programmable DNA Hydrogels as Artificial Extracellular Matrix.. <i>Small</i> , 2022 , e2107640	11	5
249	Recent advances in the construction of functional nucleic acids with isothermal amplification for heavy metal ions sensor. <i>Microchemical Journal</i> , 2022 , 175, 107077	4.8	0
248	Pharmaceutical applications of framework nucleic acids.. <i>Acta Pharmaceutica Sinica B</i> , 2022 , 12, 76-91	15.5	4
247	Computer vision-aided bioprinting for bone research.. <i>Bone Research</i> , 2022 , 10, 21	13.3	0
246	Two entry tunnels in mouse TAAR9 suggest the possibility of multi-entry tunnels in olfactory receptors.. <i>Scientific Reports</i> , 2022 , 12, 2691	4.9	1
245	Block Copolymer Self-Assembly Guided Synthesis of Mesoporous Carbons with In-Plane Holey Pores for Efficient Oxygen Reduction Reaction.. <i>Macromolecular Rapid Communications</i> , 2022 , e2100884	4.8	0
244	Olfactory regulation by dopamine and DRD2 receptor in the nose.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2118570119	11.5	1
243	Advances in aptamer-based nuclear imaging.. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022 , 1	8.8	1
242	DNA Nanotechnology for Plasmonics 2022 , 271-323		
241	Optimum programmed intermittent epidural bolus interval time between 8mL boluses of Ropivacaine 0.1% with sufentanil 0.3µg/mL with dural puncture epidural technique for labor analgesia: A biased-coin up-and-down sequential allocation trial.. <i>Journal of Clinical Anesthesia</i> , 2022 , 79, 110698	1.9	0
240	Long noncoding RNA PVT1 regulates the proliferation and apoptosis of ARPE-19 cells via the miR-1301-3p/KLF7 axis.. <i>Cell Cycle</i> , 2022 , 1-9	4.7	1
239	Gold-Nanoparticle-Mediated Assembly of High-Order DNA Nano-Architectures.. <i>Small</i> , 2022 , e2200824	11	1
238	Molecular Visualization of Early-Stage Acute Kidney Injury with a DNA Framework Nanodevice.. <i>Advanced Science</i> , 2022 , e2105947	13.6	2
237	Injectable immunomodulation-based porous chitosan microspheres/HPCH hydrogel composites as a controlled drug delivery system for osteochondral regeneration.. <i>Biomaterials</i> , 2022 , 285, 121530	15.6	5
236	Protein-Mimicking Nanoparticles in Biosystems.. <i>Advanced Materials</i> , 2022 , e2201562	24	2

235	Chronic Intermittent Hypoxia-Induced Aberrant Neural Activities in the Hippocampus of Male Rats Revealed by Long-Term Recording.. <i>Frontiers in Cellular Neuroscience</i> , 2021 , 15, 784045	6.1	0
234	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
233	Two-Dimensional MXene-Polymer Heterostructure with Ordered In-Plane Mesochannels for High-Performance Capacitive Deionization. <i>Angewandte Chemie</i> , 2021 , 133, 26732	3.6	7
232	Electrochemically driven assembly of framework nucleic acids. <i>Journal of Electroanalytical Chemistry</i> , 2021 , 905, 115901	4.1	
231	Nanomechanical Induction of Autophagy-Related Fluorescence in Single Cells with Atomic Force Microscopy. <i>Advanced Science</i> , 2021 , 8, e2102989	13.6	2
230	Naloxone Facilitates Contextual Learning and Memory in a Receptor-Independent and Tet1-Dependent Manner. <i>Cellular and Molecular Neurobiology</i> , 2021 , 41, 1031-1038	4.6	0
229	Ogt controls neural stem/progenitor cell pool and adult neurogenesis through modulating Notch signaling. <i>Cell Reports</i> , 2021 , 34, 108905	10.6	7
228	Hepatic nNOS impaired hepatic insulin sensitivity through the activation of p38 MAPK. <i>Journal of Endocrinology</i> , 2021 , 248, 265-275	4.7	1
227	Immunostimulatory AIE Dots for Live-Cell Imaging and Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 19660-19667	9.5	3
226	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
225	Proteomic Exploration of Endocytosis of Framework Nucleic Acids. <i>Small</i> , 2021 , 17, e2100837	11	5
224	Epigenetic Remodeling Hydrogel Patches for Multidrug-Resistant Triple-Negative Breast Cancer. <i>Advanced Materials</i> , 2021 , 33, e2100949	24	23
223	DNA Assembly-Based Stimuli-Responsive Systems. <i>Advanced Science</i> , 2021 , 8, 2100328	13.6	11
222	Kinetically Interlocking Multiple-Units Polymerization of DNA Double Crossover and Its Application in Hydrogel Formation. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2100182	4.8	3
221	Circulating microRNAs: Biomarkers of disease. <i>Clinica Chimica Acta</i> , 2021 , 516, 46-54	6.2	19
220	Poly-Adenine-Based Spherical Nucleic Acids for Efficient Live-Cell MicroRNA Capture. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 14438-14445	16.4	3
219	Poly-Adenine-Based Spherical Nucleic Acids for Efficient Live-Cell MicroRNA Capture. <i>Angewandte Chemie</i> , 2021 , 133, 14559-14566	3.6	
218	An Illustrated Guide to the Imaging Evolution of COVID in Non-Epidemic Areas of Southeast China. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 648180	5.6	

217	Metal-Bridged Graphene-Protein Supraparticles for Analog and Digital Nitric Oxide Sensing. <i>Advanced Materials</i> , 2021 , 33, e2007900	24	3
216	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
215	Sequential Therapy of Acute Kidney Injury with a DNA Nanodevice. <i>Nano Letters</i> , 2021 , 21, 4394-4402	11.5	13
214	Biocomputing Based on DNA Strand Displacement Reactions. <i>ChemPhysChem</i> , 2021 , 22, 1151-1166	3.2	7
213	Coordination of two enhancers drives expression of olfactory trace amine-associated receptors. <i>Nature Communications</i> , 2021 , 12, 3798	17.4	2
212	DNA Framework-Engineered Long-Range Electrostatic Interactions for DNA Hybridization Reactions. <i>Angewandte Chemie</i> , 2021 , 133, 16829-16835	3.6	
211	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	7.9	6
210	DNA Framework-Engineered Long-Range Electrostatic Interactions for DNA Hybridization Reactions. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 16693-16699	16.4	7
209	Encoding Fluorescence Anisotropic Barcodes with DNA Frameworks. <i>Journal of the American Chemical Society</i> , 2021 , 143, 10735-10742	16.4	6
208	Postsynaptic Targeting and Mobility of Membrane Surface-Localized hASIC1a. <i>Neuroscience Bulletin</i> , 2021 , 37, 145-165	4.3	3
207	Biosensors based on DNA logic gates. <i>View</i> , 2021 , 2, 20200038	7.8	4
206	Probing Transient DNA Conformation Changes with an Intercalative Fluorescent Excimer. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 6624-6630	16.4	2
205	Tracking endocytosis and intracellular distribution of spherical nucleic acids with correlative single-cell imaging. <i>Nature Protocols</i> , 2021 , 16, 383-404	18.8	5
204	A Framework Nucleic Acid Based Robotic Nanobee for Active Targeting Therapy. <i>Advanced Functional Materials</i> , 2021 , 31, 2007342	15.6	37
203	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
202	Nanosurface energy transfer indicating Exo III-propelled stochastic 3D DNA walkers for HIV DNA detection. <i>Analyst, The</i> , 2021 , 146, 1675-1681	5	2
201	Programming folding cooperativity of the dimeric i-motif with DNA frameworks for sensing small pH variations. <i>Chemical Communications</i> , 2021 , 57, 3247-3250	5.8	5
200	Encoding DNA Frameworks for Amplified Multiplexed Imaging of Intracellular microRNAs. <i>Analytical Chemistry</i> , 2021 , 93, 2226-2234	7.8	18

199	Probing Transient DNA Conformation Changes with an Intercalative Fluorescent Excimer. <i>Angewandte Chemie</i> , 2021 , 133, 6698-6704	3.6	
198	Advances in Whole-Cell Photobiological Hydrogen Production. <i>Advanced NanoBiomed Research</i> , 2021 , 1, 2000051	0	1
197	Protein-Mimicking Nanoparticles for a Cellular Regulation of Homeostasis. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 31331-31336	9.5	8
196	Reconstructing Soma-Soma Synapse-like Vesicular Exocytosis with DNA Origami. <i>ACS Central Science</i> , 2021 , 7, 1400-1407	16.8	6
195	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
194	Arbuscular mycorrhizal fungal community structure following different grazing intensities in an alpine grassland. <i>Soil Science Society of America Journal</i> , 2021 , 85, 1620-1633	2.5	1
193	Convergent olfactory trace amine-associated receptors detect biogenic polyamines with distinct motifs via a conserved binding site. <i>Journal of Biological Chemistry</i> , 2021 , 297, 101268	5.4	3
192	Programming cell communications with pH-responsive DNA nanodevices. <i>Chemical Communications</i> , 2021 , 57, 4536-4539	5.8	4
191	Hydrophobic collapse-driven nanoparticle coating with poly-adenine adhesives. <i>Chemical Communications</i> , 2021 , 57, 3801-3804	5.8	5
190	Data Storage Based on DNA. <i>Small Structures</i> , 2021 , 2, 2000046	8.7	10
189	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 ,	16.7	5
188	Restoration of Degraded Grassland Significantly Improves Water Storage in Alpine Grasslands in the Qinghai-Tibet Plateau.. <i>Frontiers in Plant Science</i> , 2021 , 12, 778656	6.2	2
187	Driving DNA Origami Assembly with a Terahertz Wave.. <i>Nano Letters</i> , 2021 ,	11.5	5
186	Programming PAM antennae for efficient CRISPR-Cas9 DNA editing. <i>Science Advances</i> , 2020 , 6, eaay9948	14.3	6
185	Light Grazing Significantly Reduces Soil Water Storage in Alpine Grasslands on the Qinghai-Tibet Plateau. <i>Sustainability</i> , 2020 , 12, 2523	3.6	7
184	Programming Switchable Transcription of Topologically Constrained DNA. <i>Journal of the American Chemical Society</i> , 2020 , 142, 10739-10746	16.4	20
183	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
182	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

181	Unraveling Cell-Type-Specific Targeted Delivery of Membrane-Camouflaged Nanoparticles with Plasmonic Imaging. <i>Nano Letters</i> , 2020 , 20, 5228-5235	11.5	18
180	DNA Framework-Based Topological Cell Sorters. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10406-10410	16.4	20
179	DNA Origami-Enabled Engineering of Ligand-Drug Conjugates for Targeted Drug Delivery. <i>Small</i> , 2020 , 16, e1904857	11	25
178	Chromatin-Binding Protein PHF6 Regulates Activity-Dependent Transcriptional Networks to Promote Hunger Response. <i>Cell Reports</i> , 2020 , 30, 3717-3728.e6	10.6	5
177	Naloxone regulates the differentiation of neural stem cells via a receptor-independent pathway. <i>FASEB Journal</i> , 2020 , 34, 5917-5930	0.9	4
176	DNA Framework-Based Topological Cell Sorters. <i>Angewandte Chemie</i> , 2020 , 132, 10492-10496	3.6	2
175	Non-additive Effects of Leaf Litter Mixtures from Robinia pseudoacacia and Ten Tree Species on Soil Properties. <i>Journal of Sustainable Forestry</i> , 2020 , 39, 771-784	1.2	2
174	Classifying Cell Types with DNA-Encoded Ligand-Receptor Interactions on the Cell Membrane. <i>Nano Letters</i> , 2020 , 20, 3521-3527	11.5	11
173	Near-IR emissive rare-earth nanoparticles for guided surgery. <i>Theranostics</i> , 2020 , 10, 2631-2644	12.1	20
172	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
171	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
170	PolyA-based DNA bonds with programmable bond length and bond energy. <i>NPG Asia Materials</i> , 2020 , 12,	10.3	5
169	Near-Atomic Fabrication with Nucleic Acids. <i>ACS Nano</i> , 2020 , 14, 1319-1337	16.7	13
168	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
167	A Chemical Approach for Real-time Monitoring Neuronal Activities. <i>Chemical Research in Chinese Universities</i> , 2020 , 36, 729-730	2.2	
166	Prescribing DNA Origami Patterns via Scaffold Decoration. <i>Small</i> , 2020 , 16, e2000793	11	7
165	Accelerated evolution of an Lhx2 enhancer shapes mammalian social hierarchies. <i>Cell Research</i> , 2020 , 30, 408-420	24.7	6
164	AlCl ₃ exposure regulates neuronal development by modulating DNA modification. <i>World Journal of Stem Cells</i> , 2020 , 12, 1354-1365	5.6	1

163	Positive feedback between retinoic acid and 2-phospho-L-ascorbic acid trisodium salt during somatic cell reprogramming. <i>Cell Regeneration</i> , 2020 , 9, 17	2.5	
162	DNA Framework-Programmed Micronano Hierarchy Sensor Interface for Metabolite Analysis in Whole Blood.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 53-58	4.1	3
161	Framework Nucleic Acids for Cell Imaging and Therapy. <i>Chemical Research in Chinese Universities</i> , 2020 , 36, 1-9	2.2	7
160	Implementing digital computing with DNA-based switching circuits. <i>Nature Communications</i> , 2020 , 11, 121	17.4	50
159	Metal-Organic Framework Nanoparticles for Ameliorating Breast Cancer-Associated Osteolysis. <i>Nano Letters</i> , 2020 , 20, 829-840	11.5	34
158	DNA Framework-Encoded Mineralization of Calcium Phosphate. <i>CheM</i> , 2020 , 6, 472-485	16.2	31
157	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
156	ATP-Triggered, Allosteric Self-Assembly of DNA Nanostructures. <i>Journal of the American Chemical Society</i> , 2020 , 142, 665-668	16.4	16
155	Programming nanoparticle valence bonds with single-stranded DNA encoders. <i>Nature Materials</i> , 2020 , 19, 781-788	27	88
154	Automated Nanoplasmonic Analysis of Spherical Nucleic Acids Clusters in Single Cells. <i>Analytical Chemistry</i> , 2020 , 92, 1333-1339	7.8	6
153	Size-Independent Transmembrane Transporting of Single Tetrahedral DNA Nanostructures. <i>Global Challenges</i> , 2020 , 4, 1900075	4.3	12
152	Catalytic Nucleic Acids for Bioanalysis.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 2674-2685	4.1	7
151	TAAR Agonists. <i>Cellular and Molecular Neurobiology</i> , 2020 , 40, 257-272	4.6	11
150	Ordered Bicontinuous Mesoporous Polymeric Semiconductor Photocatalyst. <i>ACS Nano</i> , 2020 , 14, 13652-13662	19	
149	Erianin inhibits the oncogenic properties of hepatocellular carcinoma via inducing DNA damage and aberrant mitosis. <i>Biochemical Pharmacology</i> , 2020 , 182, 114266	6	6
148	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
147	A poly(thymine)-melamine duplex for the assembly of DNA nanomaterials. <i>Nature Materials</i> , 2020 , 19, 1012-1018	27	38
146	Degradation of Structurally Defined Graphene Nanoribbons by Myeloperoxidase and the Photo-Fenton Reaction. <i>Angewandte Chemie</i> , 2020 , 132, 18673-18679	3.6	0

145	Recent advances in duplex-specific nuclease-based signal amplification strategies for microRNA detection. <i>Biosensors and Bioelectronics</i> , 2020 , 165, 112449	11.8	19
144	Programmable Live-Cell CRISPR Imaging with Toehold-Switch-Mediated Strand Displacement. <i>Angewandte Chemie</i> , 2020 , 132, 20793-20799	3.6	5
143	Silver nanoparticle-activated COX2/PGE2 axis involves alteration of lung cellular senescence in vitro and in vivo. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 204, 111070	7	4
142	Bioinspired DNA Nanointerface with Anisotropic Aptamers for Accurate Capture of Circulating Tumor Cells. <i>Advanced Science</i> , 2020 , 7, 2000647	13.6	15
141	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
140	Programmable Live-Cell CRISPR Imaging with Toehold-Switch-Mediated Strand Displacement. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20612-20618	16.4	19
139	DNA-Based Fabrication for Nanoelectronics. <i>Nano Letters</i> , 2020 , 20, 5604-5615	11.5	13
138	Imaging of Cell Migration Mediated Exocytosis with Gold Nanoprobes. <i>Chinese Journal of Analytical Chemistry</i> , 2020 , 48, 847-854	1.6	
137	DNA Framework-Supported Electrochemical Analysis of DNA Methylation for Prostate Cancers. <i>Nano Letters</i> , 2020 , 20, 7028-7035	11.5	9
136	Programming Cell-Cell Communications with Engineered Cell Origami Clusters. <i>Journal of the American Chemical Society</i> , 2020 , 142, 8800-8808	16.4	50
135	DNA framework-engineered electrochemical biosensors. <i>Science China Life Sciences</i> , 2020 , 63, 1130-1141	8.5	8
134	Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2020 , 64, 1-33	7.9	33
133	DNA nanostructure-encoded fluorescent barcodes. <i>Aggregate</i> , 2020 , 1, 107-116	22.9	4
132	Nonlinear Regulation of Enzyme-Free DNA Circuitry with Ultrasensitive Switches. <i>ACS Synthetic Biology</i> , 2019 , 8, 2106-2112	5.7	9
131	Hepatic nitric oxide synthase 1 adaptor protein regulates glucose homeostasis and hepatic insulin sensitivity in obese mice depending on its PDZ binding domain. <i>EBioMedicine</i> , 2019 , 47, 352-364	8.8	2
130	Quantizing single-molecule surface-enhanced Raman scattering with DNA origami metamolecules. <i>Science Advances</i> , 2019 , 5, eaau4506	14.3	67
129	Rapid Transmembrane Transport of DNA Nanostructures by Chemically Anchoring Artificial Receptors on Cell Membranes. <i>ChemPlusChem</i> , 2019 , 84, 323-327	2.8	3
128	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

127	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
126	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
125	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
124	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
123	Poly-Adenine-Engineered Gold Nanogaps for SERS Nanostructures. <i>ACS Applied Nano Materials</i> , 2019 , 2, 3501-3509	5.6	4
122	An Intelligent DNA Nanorobot with Enhanced Protein Lysosomal Degradation of HER2. <i>Nano Letters</i> , 2019 , 19, 4505-4517	11.5	91
121	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
120	In situ terminus-regulated DNA hydrogelation for ultrasensitive on-chip microRNA assay. <i>Biosensors and Bioelectronics</i> , 2019 , 137, 263-270	11.8	17
119	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
118	AlloDriver: a method for the identification and analysis of cancer driver targets. <i>Nucleic Acids Research</i> , 2019 , 47, W315-W321	20.1	22
117	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
116	Programming Motions of DNA Origami Nanomachines. <i>Small</i> , 2019 , 15, e1900013	11	20
115	Translocation of tetrahedral DNA nanostructures through a solid-state nanopore. <i>Nanoscale</i> , 2019 , 11, 6263-6269	7.7	10
114	Framework nucleic acids as programmable carrier for transdermal drug delivery. <i>Nature Communications</i> , 2019 , 10, 1147	17.4	106
113	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
112	Patterning Nanoparticles with DNA Molds. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 13853-13858	9.5	20
111	Live-cell imaging of octaarginine-modified polymer dots via single particle tracking. <i>Cell Proliferation</i> , 2019 , 52, e12556	7.9	8
110	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

109	Astroglial 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
108	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
107	Fractal Nanoplasmonic Labels for Supermultiplex Imaging in Single Cells. <i>Journal of the American Chemical Society</i> , 2019 , 141, 11938-11946	16.4	23
106	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
105	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
104	An improved linear convergence of FISTA for the LASSO problem with application to CT image reconstruction. <i>Journal of Combinatorial Optimization</i> , 2019 , 1	0.9	
103	An Improved SVM-RFE Based on $\$F\$$ -Statistic and mPDC for Gene Selection in Cancer Classification. <i>IEEE Access</i> , 2019 , 7, 147617-147628	3.5	3
102	Identification of Immediate Early Genes in the Nervous System of Snail. <i>ENeuro</i> , 2019 , 6,	3.9	7
101	Single-Step Organization of Plasmonic Gold Metamaterials with Self-Assembled DNA Nanostructures. <i>Research</i> , 2019 , 2019, 7403580	7.8	22
100	Programming Accessibility of DNA Monolayers for Degradation-Free Whole-Blood Biosensors 2019 , 1, 671-676		10
99	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
98	DNA origami cryptography for secure communication. <i>Nature Communications</i> , 2019 , 10, 5469	17.4	36
97	Multicomponent Plasmonic Nanoparticles: From Heterostructured Nanoparticles to Colloidal Composite Nanostructures. <i>Chemical Reviews</i> , 2019 , 119, 12208-12278	68.1	153
96	A sparse optimization problem with hybrid $(L_2\{\text{-}\}L_p)$ regularization for application of magnetic resonance brain images. <i>Journal of Combinatorial Optimization</i> , 2019 , 1	0.9	1
95	Programming biosensing sensitivity by controlling the dimension of nanostructured electrode. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 4085-4092	4.4	3
94	Engineering Nanozymes Using DNA for Catalytic Regulation. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 1790-1799	9.5	38
93	Spinal IL-36 β /IL-36R participates in the maintenance of chronic inflammatory pain through astroglial JNK pathway. <i>Glia</i> , 2019 , 67, 438-451	9	18
92	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

91	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
90	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
89	Solving mazes with single-molecule DNA navigators. <i>Nature Materials</i> , 2019 , 18, 273-279	27	121
88	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
87	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
86	Advances in Nanowire Transistor-Based Biosensors. <i>Small Methods</i> , 2018 , 2, 1700263	12.8	33
85	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
84	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
83	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
82	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
81	Can strand displacement take place in DNA triplexes?. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 372-375	3.9	4
80	Framework-Nucleic-Acid-Enabled Biosensor Development. <i>ACS Sensors</i> , 2018 , 3, 903-919	9.2	79
79	Charge Neutralization Drives the Shape Reconfiguration of DNA Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 5418-5422	16.4	17
78	Dopamine receptors mediate strategy abandoning via modulation of a specific prefrontal 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
77	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
76	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
75	Human-specific features of spatial gene expression and regulation in eight brain regions. <i>Genome Research</i> , 2018 , 28, 1097-1110	9.7	39
74	Deorphanization of Olfactory Trace Amine-Associated Receptors. <i>Methods in Molecular Biology</i> , 2018 , 1820, 21-31	1.4	4

73	Nano-in-Micro Delivery System Prepared by Co-Axial Air Flow for Oral Delivery of Conjugated Linoleic Acid. <i>Marine Drugs</i> , 2018 , 17,	6	4
72	Epitope Binning Assay Using an Electron Transfer-Modulated Aptamer Sensor. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 341-349	9.5	11
71	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
70	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
69	Effect of Surface Coating of Gold Nanoparticles on Cytotoxicity and Cell Cycle Progression. <i>Nanomaterials</i> , 2018 , 8,	5.4	18
68	Simultaneous Evaluation of the Preservative Effect of RNAlater on Different Tissues by Biomolecular and Histological Analysis. <i>Biopreservation and Biobanking</i> , 2018 , 16, 426-433	2.1	4
67	Concept and Development of Framework Nucleic Acids. <i>Journal of the American Chemical Society</i> , 2018 , 140, 17808-17819	16.4	124
66	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
65	Programming Niche Accessibility and In Vitro Stemness with Intercellular DNA Reactions. <i>Advanced Materials</i> , 2018 , 30, e1804861	24	18
64	Affinity-Modulated Molecular Beacons on MoS Nanosheets for MicroRNA Detection. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 35794-35800	9.5	63
63	DNA Nanostructure-Programmed Like-Charge Attraction at the Cell-Membrane Interface. <i>ACS Central Science</i> , 2018 , 4, 1344-1351	16.8	102
62	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
61	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
60	The Triple Functions of D2 Silencing in Treatment of Periapical Disease. <i>Journal of Endodontics</i> , 2017 , 43, 272-278	4.7	5
59	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
58	Magnetolectrics: Hybrid Magnetolectric Nanowires for Nanorobotic Applications: Fabrication, Magnetolectric Coupling, and Magnetically Assisted In Vitro Targeted Drug Delivery (Adv. Mater. 8/2017). <i>Advanced Materials</i> , 2017 , 29,	24	2
57	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
56	Second Primary Malignant Neoplasms and Survival in Adolescent and Young Adult Cancer Survivors. <i>JAMA Oncology</i> , 2017 , 3, 1554-1557	13.4	65

55	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
54	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
53	Graphene Nanoprobes for Real-Time Monitoring of Isothermal Nucleic Acid Amplification. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 15245-15253	9.5	20
52	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
51	Real-time visualization of clustering and intracellular transport of gold nanoparticles by correlative imaging. <i>Nature Communications</i> , 2017 , 8, 15646	17.4	116
50	Refinement of learned skilled movement representation in motor cortex deep output layer. <i>Nature Communications</i> , 2017 , 8, 15834	17.4	30
49	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
48	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
47	Reciprocal control of lncRNA-BCAT1 and E-catenin 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
46	Application Progress of DNA Nanostructures in Drug Delivery and Smart Drug Carriers. <i>Chinese Journal of Analytical Chemistry</i> , 2017 , 45, 1078-1087	1.6	6
45	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
44	Recognizing single phospholipid vesicle collisions on carbon fiber nanoelectrode. <i>Science China Chemistry</i> , 2017 , 60, 1474-1480	7.9	14
43	Association of CYP17A1 Genetic Polymorphisms and Susceptibility to Essential Hypertension in the Southwest Han Chinese Population. <i>Medical Science Monitor</i> , 2017 , 23, 2488-2499	3.2	3
42	Changes in the cellular immune system and circulating inflammatory markers of stroke patients. <i>Oncotarget</i> , 2017 , 8, 3553-3567	3.3	31
41	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
40	Epidermal growth factor receptor kinase substrate-8 promotes the metastasis of cervical cancer via the epithelial-mesenchymal transition. <i>Molecular Medicine Reports</i> , 2016 , 14, 3220-8	2.9	7
39	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
38	Chloroquine inhibits tumor growth and angiogenesis in malignant pleural effusion. <i>Tumor Biology</i> , 2016 , 37, 16249	2.9	5

37	Soil effects of six different two-species litter mixtures that include <i>Ulmus pumila</i> . <i>Chemistry and Ecology</i> , 2016 , 32, 707-721	2.3	1
36	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
35	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
34	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
33	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
32	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
31	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
30	Prognostic value of lymph node ratio in patients with pathological N1 non-small cell lung cancer: a systematic review with meta-analysis. <i>Translational Lung Cancer Research</i> , 2016 , 5, 258-64	4.4	6
29	Ecosystem Carbon Storage in Alpine Grassland on the Qinghai Plateau. <i>PLoS ONE</i> , 2016 , 11, e0160420	3.7	9
28	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
27	Ion-Mediated Polymerase Chain Reactions Performed with an Electronically Driven Microfluidic Device. <i>Angewandte Chemie</i> , 2016 , 128, 12638-12642	3.6	6
26	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
25	Isothermal Amplification of Nucleic Acids. <i>Chemical Reviews</i> , 2015 , 115, 12491-545	68.1	865
24	Constructing Higher-Order DNA Nanoarchitectures with Highly Purified DNA Nanocages. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 13174-9	9.5	29
23	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
22	Risk given by AGT polymorphisms in inducing susceptibility to essential hypertension among isolated populations from a remote region of China: A case-control study among the isolated populations. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015 , 16, 1202-17	3	4
21	Post-Assembly Stabilization of Rationally Designed DNA Crystals. <i>Angewandte Chemie</i> , 2015 , 127, 10074-10077	3.1	7
20	Post-Assembly Stabilization of Rationally Designed DNA Crystals. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 9936-9	16.4	42

19	Diagnostic Accuracy of CT-Guided Transthoracic Needle Biopsy for Solitary Pulmonary Nodules. <i>PLoS ONE</i> , 2015 , 10, e0131373	3.7	55
18	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
17	Nanoscale optical probes for cellular imaging. <i>Chemical Society Reviews</i> , 2014 , 43, 2650-61	58.5	166
16	Efficient nuclear DNA cleavage in human cancer cells by synthetic bleomycin mimics. <i>ACS Chemical Biology</i> , 2014 , 9, 1044-51	4.9	21
15	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
14	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
13	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
12	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
11	Therapeutic deep brain stimulation in Parkinsonian rats directly influences motor cortex. <i>Neuron</i> , 2012 , 76, 1030-41	13.9	218
10	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
9	Photo-induced oxidation of [Fe(II)(N4Py)CH3CN] and related complexes. <i>Dalton Transactions</i> , 2012 , 41, 13180-90	4.3	20
8	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
7	Photoenhanced oxidative DNA cleavage with non-heme iron(II) complexes. <i>Inorganic Chemistry</i> , 2010 , 49, 11009-17	5.1	19
6	Mononuclear Fe(II)-N4Py complexes in oxidative DNA cleavage: structure, activity and mechanism. <i>Dalton Transactions</i> , 2010 , 39, 8012-21	4.3	25
5	Synthesis and application of novel crosslinking polyamine dyes with good dyeing performance. <i>Dyes and Pigments</i> , 2008 , 76, 508-514	4.6	43
4	N-Substituted indole-3-thiolate [4Fe μ S] clusters with a unique and tunable combination of spectral and redox properties. <i>Inorganica Chimica Acta</i> , 2008 , 361, 1811-1818	2.7	7
3	Styryl-based compounds as potential in vivo imaging agents for beta-amyloid plaques. <i>ChemBioChem</i> , 2007 , 8, 1679-87	3.8	60
2	Room-temperature Barbier single-atom polymerization induced emission as a versatile approach for the utilization of monofunctional carboxylic acid resources. <i>Polymer Chemistry</i> ,	4.9	5

- 1 Phase transferring luminescent gold nanoclusters via single-stranded DNA. *Science China Chemistry*, 1 7.9 ○