

Lihua Wang

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.

240 papers	12,786 citations	54 h-index	107 g-index
258 ext. papers	15,096 ext. citations	10.7 avg, IF	6.56 L-index

#	Paper	IF	Citations
240	A Graphene Nanoprobe for Rapid, Sensitive, and Multicolor Fluorescent DNA Analysis. <i>Advanced Functional Materials</i> , 2010 , 20, 453-459	15.6	1234
239	Isothermal Amplification of Nucleic Acids. <i>Chemical Reviews</i> , 2015 , 115, 12491-545	68.1	865
238	DNA Nanotechnology-Enabled Drug Delivery Systems. <i>Chemical Reviews</i> , 2019 , 119, 6459-6506	68.1	447
237	A graphene-based fluorescent nanoprobe for silver(I) ions detection by using graphene oxide and a silver-specific oligonucleotide. <i>Chemical Communications</i> , 2010 , 46, 2596-8	5.8	432
236	Sequence-specific detection of femtomolar DNA via a chronocoulometric DNA sensor (CDS): effects of nanoparticle-mediated amplification and nanoscale control of DNA assembly at electrodes. <i>Journal of the American Chemical Society</i> , 2006 , 128, 8575-80	16.4	389
235	An enzyme-based E-DNA sensor for sequence-specific detection of femtomolar DNA targets. <i>Journal of the American Chemical Society</i> , 2008 , 130, 6820-5	16.4	379
234	A gold nanoparticle-based chronocoulometric DNA sensor for amplified detection of DNA. <i>Nature Protocols</i> , 2007 , 2, 2888-95	18.8	379
233	Gold-nanoparticle-based multicolor nanobeacons for sequence-specific DNA analysis. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 8670-4	16.4	351
232	Unmodified gold nanoparticles as a colorimetric probe for potassium DNA aptamers. <i>Chemical Communications</i> , 2006 , 3780-2	5.8	350
231	An Exonuclease III-Powered, On-Particle Stochastic DNA Walker. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 1855-1858	16.4	248
230	Complex silica composite nanomaterials templated with DNA origami. <i>Nature</i> , 2018 , 559, 593-598	50.4	233
229	A graphene-enhanced molecular beacon for homogeneous DNA detection. <i>Nanoscale</i> , 2010 , 2, 1021-6	7.7	206
228	Electrochemical interrogation of DNA monolayers on gold surfaces. <i>Analytical Chemistry</i> , 2005 , 77, 6475-80	7.8	204
227	Nanoscale optical probes for cellular imaging. <i>Chemical Society Reviews</i> , 2014 , 43, 2650-61	58.5	166
226	Nanomaterial-Based Fluorescent DNA Analysis: A Comparative Study of the Quenching Effects of Graphene Oxide, Carbon Nanotubes, and Gold Nanoparticles. <i>Advanced Functional Materials</i> , 2013 , 23, 4140-4148	15.6	154
225	Stable Nanocomposite Based on PEGylated and Silver Nanoparticles Loaded Graphene Oxide for Long-Term Antibacterial Activity. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 15328-15341	9.5	147
224	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	11.5	144

223	Yolk-shell nanostructured FeO@C magnetic nanoparticles with enhanced peroxidase-like activity for label-free colorimetric detection of HO and glucose. <i>Nanoscale</i> , 2017 , 9, 4508-4515	7.7	136
222	A graphene-conjugated oligomer hybrid probe for light-up sensing of lectin and Escherichia coli. <i>Advanced Materials</i> , 2011 , 23, 4386-91	24	132
221	Dietary Iron Oxide Nanoparticles Delay Aging and Ameliorate Neurodegeneration in Drosophila. <i>Advanced Materials</i> , 2016 , 28, 1387-93	24	132
220	Dual-mode electrochemical analysis of microRNA-21 using gold nanoparticle-decorated MoS nanosheet. <i>Biosensors and Bioelectronics</i> , 2017 , 94, 552-559	11.8	130
219	Design of a carbon nanotube/magnetic nanoparticle-based peroxidase-like nanocomplex and its application for highly efficient catalytic oxidation of phenols. <i>Nano Research</i> , 2009 , 2, 617-623	10	129
218	Programmable and printable Bacillus subtilis biofilms as engineered living materials. <i>Nature Chemical Biology</i> , 2019 , 15, 34-41	11.7	127
217	Organelle-Specific Triggered Release of Immunostimulatory Oligonucleotides from Intrinsically Coordinated DNA-Metal-Organic Frameworks with Soluble Exoskeleton. <i>Journal of the American Chemical Society</i> , 2017 , 139, 15784-15791	16.4	125
216	Confined small-sized cobalt catalysts stimulate carbon-chain growth reversely by modifying ASF law of Fischer-Tropsch synthesis. <i>Nature Communications</i> , 2018 , 9, 3250	17.4	124
215	Solving mazes with single-molecule DNA navigators. <i>Nature Materials</i> , 2019 , 18, 273-279	27	121
214	Real-time visualization of clustering and intracellular transport of gold nanoparticles by correlative imaging. <i>Nature Communications</i> , 2017 , 8, 15646	17.4	116
213	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
212	Framework nucleic acids as programmable carrier for transdermal drug delivery. <i>Nature Communications</i> , 2019 , 10, 1147	17.4	106
211	DNA Nanostructure-Programmed Like-Charge Attraction at the Cell-Membrane Interface. <i>ACS Central Science</i> , 2018 , 4, 1344-1351	16.8	102
210	Highly Stable Graphene-Based Nanocomposite (GO-PEI-Ag) with Broad-Spectrum, Long-Term Antimicrobial Activity and Antibiofilm Effects. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 17617-17629	9.5	95
209	Programming nanoparticle valence bonds with single-stranded DNA encoders. <i>Nature Materials</i> , 2020 , 19, 781-788	27	88
208	Facile Synthesis of a MoS-Prussian Blue Nanocube Nanohybrid-Based Electrochemical Sensing Platform for Hydrogen Peroxide and Carcinoembryonic Antigen Detection. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 12773-12781	9.5	86
207	One-Shot Immunomodulatory Nanodiamond Agents for Cancer Immunotherapy. <i>Advanced Materials</i> , 2016 , 28, 2699-708	24	85
206	Programming Cell Adhesion for On-Chip Sequential Boolean Logic Functions. <i>Journal of the American Chemical Society</i> , 2017 , 139, 10176-10179	16.4	85

205	Inhibiting Methicillin-Resistant <i>Staphylococcus aureus</i> by Tetrahedral DNA Nanostructure-Enabled Antisense Peptide Nucleic Acid Delivery. <i>Nano Letters</i> , 2018 , 18, 5652-5659	11.5	82
204	Framework-Nucleic-Acid-Enabled Biosensor Development. <i>ACS Sensors</i> , 2018 , 3, 903-919	9.2	79
203	Uniform Au@Pt core-shell nanodendrites supported on molybdenum disulfide nanosheets for the methanol oxidation reaction. <i>Nanoscale</i> , 2016 , 8, 602-8	7.7	77
202	Electrochemical single nucleotide polymorphisms genotyping on surface immobilized three-dimensional branched DNA nanostructure. <i>Science China Chemistry</i> , 2011 , 54, 1273-1276	7.9	77
201	DNA Framework-Programmed Cell Capture via Topology-Engineered Receptor-Ligand Interactions. <i>Journal of the American Chemical Society</i> , 2019 , 141, 18910-18915	16.4	72
200	Programming Enzyme-Initiated Autonomous DNAzyme Nanodevices in Living Cells. <i>ACS Nano</i> , 2017 , 11, 11908-11914	16.7	70
199	Novel amphoteric ion exchange membranes by blending sulfonated poly(ether ether ketone)/quaternized poly(ether imide) for vanadium redox flow battery applications. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 17590-17597	13	70
198	Valency-Controlled Framework Nucleic Acid Signal Amplifiers. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7131-7135	16.4	70
197	A Surface-Confined Proton-Driven DNA Pump Using a Dynamic 3D DNA Scaffold. <i>Advanced Materials</i> , 2016 , 28, 6860-5	24	70
196	Quantizing single-molecule surface-enhanced Raman scattering with DNA origami metamolecules. <i>Science Advances</i> , 2019 , 5, eaau4506	14.3	67
195	DNA-Encoded Raman-Active Anisotropic Nanoparticles for microRNA Detection. <i>Analytical Chemistry</i> , 2017 , 89, 9850-9856	7.8	67
194	A graphene oxide-based fluorescent biosensor for the analysis of peptide-receptor interactions and imaging in somatostatin receptor subtype 2 overexpressed tumor cells. <i>Analytical Chemistry</i> , 2013 , 85, 7732-7	7.8	63
193	Electrochemical Interrogation of Interactions between Surface-Confined DNA and Methylene Blue. <i>Sensors</i> , 2007 , 7, 2671-2680	3.8	60
192	Transfer of Two-Dimensional Oligonucleotide Patterns onto Stereocontrolled Plasmonic Nanostructures through DNA-Origami-Based Nanoimprinting Lithography. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 8036-40	16.4	60
191	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
190	Gold nanoparticlebased optical probes for target-responsive DNA structures 2008 , 41, 37-41		58
189	Single copy-sensitive electrochemical assay for circulating methylated DNA in clinical samples with ultrahigh specificity based on a sequential discrimination-amplification strategy. <i>Chemical Science</i> , 2017 , 8, 4764-4770	9.4	55
188	Novel sulfonated polyimide/polyvinyl alcohol blend membranes for vanadium redox flow battery applications. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 2072-2081	13	54

187	Treating Acute Kidney Injury with Antioxidative Black Phosphorus Nanosheets. <i>Nano Letters</i> , 2020 , 20, 1447-1454	11.5	54
186	Gold-Nanoparticle-Based Multicolor Nanobeacons for Sequence-Specific DNA Analysis. <i>Angewandte Chemie</i> , 2009 , 121, 8826-8830	3.6	53
185	Unraveling Mechanism on Reducing Thermal Hysteresis Width of VO ₂ by Ti Doping: A Joint Experimental and Theoretical Study. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 18938-18944	3.8	52
184	Amplified fluorescent recognition of g-quadruplex folding with a cationic conjugated polymer and DNA intercalator. <i>ACS Applied Materials & Interfaces</i> , 2010 , 2, 3211-6	9.5	52
183	Ultrasensitive aptamer-based protein assays based on one-dimensional core-shell nanozymes. <i>Biosensors and Bioelectronics</i> , 2020 , 150, 111881	11.8	52
182	Nanodiamond autophagy inhibitor allosterically improves the arsenical-based therapy of solid tumors. <i>Nature Communications</i> , 2018 , 9, 4347	17.4	52
181	A novel ultrasensitive electrochemical DNA sensor based on double tetrahedral nanostructures. <i>Biosensors and Bioelectronics</i> , 2015 , 71, 434-438	11.8	50
180	Targeted Imaging of Brain Tumors with a Framework Nucleic Acid Probe. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 3414-3420	9.5	50
179	Implementing digital computing with DNA-based switching circuits. <i>Nature Communications</i> , 2020 , 11, 121	17.4	50
178	Programming Cell-Cell Communications with Engineered Cell Origami Clusters. <i>Journal of the American Chemical Society</i> , 2020 , 142, 8800-8808	16.4	50
177	Stochastic DNA Walkers in Droplets for Super-Multiplexed Bacterial Phenotype Detection. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 15448-15454	16.4	49
176	In Situ Spatial Complementation of Aptamer-Mediated Recognition Enables Live-Cell Imaging of Native RNA Transcripts in Real Time. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 972-976	16.4	48
175	Programming Chemical Reaction Networks Using Intramolecular Conformational Motions of DNA. <i>ACS Nano</i> , 2018 , 12, 7093-7099	16.7	47
174	Bubble-Mediated Ultrasensitive Multiplex Detection of Metal Ions in Three-Dimensional DNA Nanostructure-Encoded Microchannels. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 16026-16034	9.5	46
173	Poly-cytosine-mediated nanotags for SERS detection of Hg. <i>Nanoscale</i> , 2017 , 9, 14184-14191	7.7	46
172	Graphene oxide-assisted nucleic acids assays using conjugated polyelectrolytes-based fluorescent signal transduction. <i>Analytical Chemistry</i> , 2015 , 87, 3877-83	7.8	44
171	Programming bulk enzyme heterojunctions for biosensor development with tetrahedral DNA framework. <i>Nature Communications</i> , 2020 , 11, 838	17.4	44
170	Programming DNA origami patterning with non-canonical DNA-based metallization reactions. <i>Nature Communications</i> , 2019 , 10, 5597	17.4	42

169	Valence-Engineering of Quantum Dots Using Programmable DNA Scaffolds. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 16077-16081	16.4	41
168	Three dimensional nano-assemblies of noble metal nanoparticle-infinite coordination polymers as specific oxidase mimetics for degradation of methylene blue without adding any cosubstrate. <i>Chemical Communications</i> , 2015 , 51, 2052-5	5.8	40
167	Biomimetic DNA Nanotubes: Nanoscale Channel Design and Applications. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 8996-9011	16.4	38
166	Dynamic Modulation of DNA Hybridization Using Allosteric DNA Tetrahedral Nanostructures. <i>Analytical Chemistry</i> , 2016 , 88, 8043-9	7.8	37
165	Fabrication of closed-cell polyimide inverse opal photonic crystals with excellent mechanical properties and thermal stability. <i>Journal of Materials Chemistry</i> , 2008 , 18, 2262		37
164	Acupuncture promotes mTOR-independent autophagic clearance of aggregation-prone proteins in mouse brain. <i>Scientific Reports</i> , 2016 , 6, 19714	4.9	37
163	Logic Catalytic Interconversion of G-Molecular Hydrogel. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 4512-4518	9.5	36
162	DNA origami cryptography for secure communication. <i>Nature Communications</i> , 2019 , 10, 5469	17.4	36
161	DNA Nanostructure-Based Systems for Intelligent Delivery of Therapeutic Oligonucleotides. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1701153	10.1	35
160	Formation of Honeycomb-Patterned Polyetherketone Cardo (PEK-C) Films in a Highly Humid Atmosphere. <i>Macromolecular Chemistry and Physics</i> , 2006 , 207, 1998-2005	2.6	34
159	Advances in Nanowire Transistor-Based Biosensors. <i>Small Methods</i> , 2018 , 2, 1700263	12.8	33
158	Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2020 , 64, 1-33	7.9	33
157	An Exonuclease III-Powered, On-Particle Stochastic DNA Walker. <i>Angewandte Chemie</i> , 2017 , 129, 1881-1884	9.4	31
156	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
155	Bacterial Analysis Using an Electrochemical DNA Biosensor with Poly-Adenine-Mediated DNA Self-Assembly. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 6895-6903	9.5	31
154	Preparation of ultrahigh-molecular-weight polyethylene membranes via a thermally induced phase-separation method. <i>Journal of Applied Polymer Science</i> , 2007 , 105, 3355-3362	2.9	31
153	Engineering DNA-Nanozyme Interfaces for Rapid Detection of Dental Bacteria. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 30640-30647	9.5	30
152	Deciphering active biocompatibility of iron oxide nanoparticles from their intrinsic antagonism. <i>Nano Research</i> , 2018 , 11, 2746-2755	10	30

151	Graphene oxide-silver nanocomposites modulate biofilm formation and extracellular polymeric substance (EPS) production. <i>Nanoscale</i> , 2018 , 10, 19603-19611	7.7	30
150	Poly-adenine-based programmable engineering of gold nanoparticles for highly regulated spherical DNAzymes. <i>Nanoscale</i> , 2015 , 7, 18671-6	7.7	29
149	Constructing Higher-Order DNA Nanoarchitectures with Highly Purified DNA Nanocages. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 13174-9	9.5	29
148	DNA hybridization "turns on" electro-catalysis at gold electrodes. <i>Chemical Communications</i> , 2007 , 1154-58	6.8	28
147	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
146	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
145	Quantitative investigation of the poly-adenine DNA dissociation from the surface of gold nanoparticles. <i>Scientific Reports</i> , 2015 , 5, 10158	4.9	26
144	Capturing transient antibody conformations with DNA origami epitopes. <i>Nature Communications</i> , 2020 , 11, 3114	17.4	26
143	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
142	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
141	A Centrifugation-based Method for Preparation of Gold Nanoparticles and its Application in Biodetection. <i>International Journal of Molecular Sciences</i> , 2007 , 8, 526-532	6.3	26
140	Molecular Threading-Dependent Mass Transport in Paper Origami for Single-Step Electrochemical DNA Sensors. <i>Nano Letters</i> , 2019 , 19, 369-374	11.5	26
139	Nanoprobe-Initiated Enzymatic Polymerization for Highly Sensitive Electrochemical DNA Detection. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 25618-23	9.5	25
138	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
137	DNA Origami-Enabled Engineering of Ligand-Drug Conjugates for Targeted Drug Delivery. <i>Small</i> , 2020 , 16, e1904857	11	25
136	DNA Nanoribbon-Templated Self-Assembly of Ultrasmall Fluorescent Copper Nanoclusters with Enhanced Luminescence. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 11836-11844	16.4	25
135	Fractal Nanoplasmonic Labels for Supermultiplex Imaging in Single Cells. <i>Journal of the American Chemical Society</i> , 2019 , 141, 11938-11946	16.4	23
134	Silica Nanoparticles Target a Wnt Signal Transducer for Degradation and Impair Embryonic Development in Zebrafish. <i>Theranostics</i> , 2016 , 6, 1810-20	12.1	23

133	Poly-adenine-mediated spherical nucleic acids for strand displacement-based DNA/RNA detection. <i>Biosensors and Bioelectronics</i> , 2019 , 127, 85-91	11.8	23
132	Mechanical Stress-Dependent Autophagy Component Release via Extracellular Nanovesicles in Tumor Cells. <i>ACS Nano</i> , 2019 , 13, 4589-4602	16.7	22
131	Solidifying framework nucleic acids with silica. <i>Nature Protocols</i> , 2019 , 14, 2416-2436	18.8	22
130	Formation of honeycomb films from poly(L-lactide)-block-poly(ethylene glycol) via water-droplet templating. <i>Polymer International</i> , 2007 , 56, 834-839	3.3	22
129	Superresolution imaging of telomeres with continuous wave stimulated emission depletion (STED) microscope. <i>Science China Chemistry</i> , 2016 , 59, 1519-1524	7.9	22
128	Humidity-Responsive Single-Nanoparticle-Layer Plasmonic Films. <i>Advanced Materials</i> , 2017 , 29, 1606796	24	21
127	Co speciation in blue decorations of blue-and-white porcelains from Jingdezhen kiln by using XAFS spectroscopy. <i>Journal of Analytical Atomic Spectrometry</i> , 2011 , 26, 1796	3.7	21
126	A colorimetric strategy based on a water-soluble conjugated polymer for sensing pH-driven conformational conversion of DNA i-motif structure. <i>Biosensors and Bioelectronics</i> , 2010 , 25, 1838-42	11.8	21
125	Effects of nucleating agents on the porous structure of polyphenylene sulfide via thermally induced phase separation. <i>Journal of Applied Polymer Science</i> , 2008 , 107, 2475-2479	2.9	21
124	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	16.4	21
123	Graphene Nanoprobes for Real-Time Monitoring of Isothermal Nucleic Acid Amplification. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 15245-15253	9.5	20
122	Programming Switchable Transcription of Topologically Constrained DNA. <i>Journal of the American Chemical Society</i> , 2020 , 142, 10739-10746	16.4	20
121	DNA Framework-Based Topological Cell Sorters. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10406-10410	16.4	20
120	Formation of honeycomb films based on a soluble polyimide synthesized from 2,2'-bis[4-(3,4-dicarboxyphenoxy)phenyl]hexafluoropropane dianhydride and 3,3'-dimethyl-4,4'-diaminodiphenylmethane. <i>Journal of Applied Polymer Science</i> , 2008 , 107, 618-623	2.9	19
119	Programmable Live-Cell CRISPR Imaging with Toehold-Switch-Mediated Strand Displacement. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20612-20618	16.4	19
118	Serum protein corona-responsive autophagy tuning in cells. <i>Nanoscale</i> , 2018 , 10, 18055-18063	7.7	19
117	The Inhibition Effect of Graphene Oxide Nanosheets on the Development of Streptococcus mutans Biofilms. <i>Particle and Particle Systems Characterization</i> , 2017 , 34, 1700001	3.1	18
116	Unraveling Cell-Type-Specific Targeted Delivery of Membrane-Camouflaged Nanoparticles with Plasmonic Imaging. <i>Nano Letters</i> , 2020 , 20, 5228-5235	11.5	18

115	Programming chain-growth copolymerization of DNA hairpin tiles for in-vitro hierarchical supramolecular organization. <i>Nature Communications</i> , 2019 , 10, 1006	17.4	18
114	Engineering electrochemical interface for biomolecular sensing. <i>Current Opinion in Electrochemistry</i> , 2019 , 14, 71-80	7.2	18
113	Precisely Tailored DNA Nanostructures and their Theranostic Applications. <i>Chemical Record</i> , 2017 , 17, 1213-1230	6.6	17
112	Identifying the Genotypes of Hepatitis B Virus (HBV) with DNA Origami Label. <i>Small</i> , 2018 , 14, 1701718	11	17
111	Charge Neutralization Drives the Shape Reconfiguration of DNA Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 5418-5422	16.4	17
110	Programming DNA origami assembly for shape-resolved nanomechanical imaging labels. <i>Nature Protocols</i> , 2018 , 13, 1569-1585	18.8	17
109	Gold nanoparticle-based sensing strategies for biomolecular detection. <i>Pure and Applied Chemistry</i> , 2010 , 82, 81-89	2.1	16
108	is a microRNA safeguard for -induced inflammatory colon oncogenesis. <i>ELife</i> , 2018 , 7,	8.9	16
107	Nanoparticle-Assisted Alignment of Carbon Nanotubes on DNA Origami. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 4892-4896	16.4	16
106	Nanodiamonds Mediate Oral Delivery of Proteins for Stem Cell Activation and Intestinal Remodeling in Drosophila. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 18575-18583	9.5	15
105	Encoding quantized fluorescence states with fractal DNA frameworks. <i>Nature Communications</i> , 2020 , 11, 2185	17.4	15
104	Reversible Regulation of Catalytic Activity of Gold Nanoparticles with DNA Nanomachines. <i>Scientific Reports</i> , 2015 , 5, 14402	4.9	15
103	Cancer-Specific MicroRNA Analysis with a Nonenzymatic Nucleic Acid Circuit. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 11220-11226	9.5	15
102	Directing curli polymerization with DNA origami nucleators. <i>Nature Communications</i> , 2019 , 10, 1395	17.4	14
101	In Situ Spatial Complementation of Aptamer-Mediated Recognition Enables Live-Cell Imaging of Native RNA Transcripts in Real Time. <i>Angewandte Chemie</i> , 2018 , 130, 984-988	3.6	14
100	Multifunctional Yolk-Shell Nanostructure as a Superquencher for Fluorescent Analysis of Potassium Ion Using Guanine-Rich Oligonucleotides. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 30406-30413	9.5	14
99	Recognizing single phospholipid vesicle collisions on carbon fiber nanoelectrode. <i>Science China Chemistry</i> , 2017 , 60, 1474-1480	7.9	14
98	Cavity-Type DNA Origami-Based Plasmonic Nanostructures for Raman Enhancement. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 21942-21948	9.5	13

97	Preservation of DNA Nanostructure Carriers: Effects of Freeze-Thawing and Ionic Strength during Lyophilization and Storage. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 18434-18439	9.5	13
96	A DNA tetrahedral structure-mediated ultrasensitive fluorescent microarray platform for nucleic acid test. <i>Sensors and Actuators B: Chemical</i> , 2020 , 321, 128538	8.5	13
95	Multi-triggered and enzyme-mimicking graphene oxide/polyvinyl alcohol/G-quartet supramolecular hydrogels. <i>Nanoscale</i> , 2020 , 12, 5186-5195	7.7	13
94	The morphology and structure of crystals in Qing Dynasty purple-gold glaze excavated from the Forbidden City. <i>Journal of the American Ceramic Society</i> , 2018 , 101, 5229-5240	3.8	13
93	DNA-Based Hybrid Hydrogels Sustain Water-Insoluble Ophthalmic Therapeutic Delivery against Allergic Conjunctivitis. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 26704-26710	9.5	13
92	DNA-Based Fabrication for Nanoelectronics. <i>Nano Letters</i> , 2020 , 20, 5604-5615	11.5	13
91	Transfer of Two-Dimensional Oligonucleotide Patterns onto Stereocontrolled Plasmonic Nanostructures through DNA-Origami-Based Nanoimprinting Lithography. <i>Angewandte Chemie</i> , 2016 , 128, 8168-8172	3.6	13
90	DNA Origami Radiometers for Measuring Ultraviolet Exposure. <i>Journal of the American Chemical Society</i> , 2020 , 142, 8782-8789	16.4	13
89	Tailoring DNA Self-assembly to Build Hydrogels. <i>Topics in Current Chemistry</i> , 2020 , 378, 32	7.2	12
88	Sub-diffraction-limit cell imaging using a super-resolution microscope with simplified pulse synchronization. <i>Science China Chemistry</i> , 2017 , 60, 1305-1309	7.9	12
87	Distinct electronic switching behaviors of triphenylamine-containing polyimide memories with different bottom electrodes. <i>Applied Physics Letters</i> , 2010 , 96, 213305	3.4	12
86	Multichannel Immunosensor Platform for the Rapid Detection of SARS-CoV-2 and Influenza A(H1N1) Virus. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 22262-22270	9.5	12
85	Prescribing Silver Chirality with DNA Origami. <i>Journal of the American Chemical Society</i> , 2021 , 143, 8639-8646	11.6	12
84	Recent Advances of DNA Nanostructure-Based Cell Membrane Engineering. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2001718	10.1	12
83	Classifying Cell Types with DNA-Encoded Ligand-Receptor Interactions on the Cell Membrane. <i>Nano Letters</i> , 2020 , 20, 3521-3527	11.5	11
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