

Lihua Wang

List of Publications by Year in descending order

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Version: 2024-02-01

249
papers

17,619
citations

17440

63
h-index

16183

124
g-index

258
all docs

258
docs citations

258
times ranked

16615
citing authors

#	ARTICLE	IF	CITATIONS
1	A Graphene Nanoprobe for Rapid, Sensitive, and Multicolor Fluorescent DNA Analysis. <i>Advanced Functional Materials</i> , 2010, 20, 453-459.	14.9	1,310
2	Isothermal Amplification of Nucleic Acids. <i>Chemical Reviews</i> , 2015, 115, 12491-12545.	47.7	1,292
3	DNA Nanotechnology-Enabled Drug Delivery Systems. <i>Chemical Reviews</i> , 2019, 119, 6459-6506.	47.7	768
4	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.	4.1	455
5	A gold nanoparticle-based chronocoulometric DNA sensor for amplified detection of DNA. <i>Nature Protocols</i> , 2007, 2, 2888-2895.	12.0	426
6	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, 8575-8580.	13.7	415
7	An Enzyme-Based E-DNA Sensor for Sequence-Specific Detection of Femtomolar DNA Targets. <i>Journal of the American Chemical Society</i> , 2008, 130, 6820-6825.	13.7	402
8	Unmodified gold nanoparticles as a colorimetric probe for potassium DNA aptamers. <i>Chemical Communications</i> , 2006, , 3780.	4.1	373
9	Gold Nanoparticle-Based Multicolor Nanobeacons for Sequence-Specific DNA Analysis. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8670-8674.	13.8	369
10	Complex silica composite nanomaterials templated with DNA origami. <i>Nature</i> , 2018, 559, 593-598.	27.8	346
11	An Exonuclease III-Powered, On-Particle Stochastic DNA Walker. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1855-1858.	13.8	325
12	An Exonuclease III-Powered, On-Particle Stochastic DNA Walker. <i>Angewandte Chemie</i> , 2017, 129, 1881-1884.	2.0	252
13	Electrochemical Interrogation of DNA Monolayers on Gold Surfaces. <i>Analytical Chemistry</i> , 2005, 77, 6475-6480.	6.5	232
14	A graphene-enhanced molecular beacon for homogeneous DNA detection. <i>Nanoscale</i> , 2010, 2, 1021.	5.6	219
15	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.	9.1	204
16	Programmable and printable <i>Bacillus subtilis</i> biofilms as engineered living materials. <i>Nature Chemical Biology</i> , 2019, 15, 34-41.	8.0	202
17	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.	8.0	198
18	Solving mazes with single-molecule DNA navigators. <i>Nature Materials</i> , 2019, 18, 273-279.	27.5	190

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19	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.	12.8	186
20	Dietary Iron Oxide Nanoparticles Delay Aging and Ameliorate Neurodegeneration in <i>Drosophila</i> . <i>Advanced Materials</i> , 2016, 28, 1387-1393.	21.0	184
21	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.	13.7	180
22	Nanoscale optical probes for cellular imaging. <i>Chemical Society Reviews</i> , 2014, 43, 2650.	38.1	179
23	Framework nucleic acids as programmable carrier for transdermal drug delivery. <i>Nature Communications</i> , 2019, 10, 1147.	12.8	178
24	Yolk-shell nanostructured Fe ₃ O ₄ @C magnetic nanoparticles with enhanced peroxidase-like activity for label-free colorimetric detection of H ₂ O ₂ and glucose. <i>Nanoscale</i> , 2017, 9, 4508-4515.	5.6	175
25	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.	14.9	172
26	Dual-mode electrochemical analysis of microRNA-21 using gold nanoparticle-decorated MoS ₂ nanosheet. <i>Biosensors and Bioelectronics</i> , 2017, 94, 552-559.	10.1	169
27	Programming nanoparticle valence bonds with single-stranded DNA encoders. <i>Nature Materials</i> , 2020, 19, 781-788.	27.5	166
28	Real-time visualization of clustering and intracellular transport of gold nanoparticles by correlative imaging. <i>Nature Communications</i> , 2017, 8, 15646.	12.8	163
29	DNA Nanostructure-Programmed Like-Charge Attraction at the Cell-Membrane Interface. <i>ACS Central Science</i> , 2018, 4, 1344-1351.	11.3	163
30	Multiple-Armed Tetrahedral DNA Nanostructures for Tumor-Targeting, Dual-Modality in Vivo Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 4378-4384.	8.0	142
31	A Graphene-Conjugated Oligomer Hybrid Probe for Light-Up Sensing of Lectin and <i>Escherichia Coli</i> . <i>Advanced Materials</i> , 2011, 23, 4386-4391.	21.0	141
32	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.	8.0	140
33	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.	10.4	133
34	Facile Synthesis of a MoS ₂ -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.	8.0	124
35	DNA Framework-Programmed Cell Capture via Topology-Engineered Receptor-Ligand Interactions. <i>Journal of the American Chemical Society</i> , 2019, 141, 18910-18915.	13.7	122
36	Quantizing single-molecule surface-enhanced Raman scattering with DNA origami metamolecules. <i>Science Advances</i> , 2019, 5, eaau4506.	10.3	118

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37	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.	9.1	117
38	Implementing digital computing with DNA-based switching circuits. <i>Nature Communications</i> , 2020, 11, 121.	12.8	114
39	Treating Acute Kidney Injury with Antioxidative Black Phosphorus Nanosheets. <i>Nano Letters</i> , 2020, 20, 1447-1454.	9.1	111
40	Framework-Nucleic-Acid-Enabled Biosensor Development. <i>ACS Sensors</i> , 2018, 3, 903-919.	7.8	106
41	Programming Cell Adhesion for On-Chip Sequential Boolean Logic Functions. <i>Journal of the American Chemical Society</i> , 2017, 139, 10176-10179.	13.7	103
42	One-Step Immunomodulatory Nanodiamond Agents for Cancer Immunotherapy. <i>Advanced Materials</i> , 2016, 28, 2699-2708.	21.0	102
43	Uniform Au@Pt core-shell nanodendrites supported on molybdenum disulfide nanosheets for the methanol oxidation reaction. <i>Nanoscale</i> , 2016, 8, 602-608.	5.6	98
44	Novel amphoteric ion exchange membranes by blending sulfonated poly(ether ether) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (keton Materials Chemistry A, 2015, 3, 17590-17597.	10.3	91
45	Programming Cell-Cell Communications with Engineered Cell Origami Clusters. <i>Journal of the American Chemical Society</i> , 2020, 142, 8800-8808.	13.7	91
46	Programming Enzyme-Initiated Autonomous DNAzyme Nanodevices in Living Cells. <i>ACS Nano</i> , 2017, 11, 11908-11914.	14.6	89
47	Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2021, 64, 171-203.	8.2	88
48	DNA-Encoded Raman-Active Anisotropic Nanoparticles for microRNA Detection. <i>Analytical Chemistry</i> , 2017, 89, 9850-9856.	6.5	85
49	Valency-Controlled Framework Nucleic Acid Signal Amplifiers. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7131-7135.	13.8	85
50	Size-Dependent Regulation of Intracellular Trafficking of Polystyrene Nanoparticle-Based Drug-Delivery Systems. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 18619-18625.	8.0	84
51	DNA origami cryptography for secure communication. <i>Nature Communications</i> , 2019, 10, 5469.	12.8	84
52	Ultrasensitive aptamer-based protein assays based on one-dimensional core-shell nanozymes. <i>Biosensors and Bioelectronics</i> , 2020, 150, 111881.	10.1	84
53	Programming bulk enzyme heterojunctions for biosensor development with tetrahedral DNA framework. <i>Nature Communications</i> , 2020, 11, 838.	12.8	84
54	Electrochemical single nucleotide polymorphisms genotyping on surface immobilized three-dimensional branched DNA nanostructure. <i>Science China Chemistry</i> , 2011, 54, 1273-1276.	8.2	80

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55	A Surface-Confined Proton-Driven DNA Pump Using a Dynamic 3D DNA Scaffold. <i>Advanced Materials</i> , 2016, 28, 6860-6865.	21.0	79
56	Stochastic DNA Walkers in Droplets for Super-Multiplexed Bacterial Phenotype Detection. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15448-15454.	13.8	79
57	Targeted Imaging of Brain Tumors with a Framework Nucleic Acid Probe. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 3414-3420.	8.0	77
58	Nanodiamond autophagy inhibitor allosterically improves the arsenical-based therapy of solid tumors. <i>Nature Communications</i> , 2018, 9, 4347.	12.8	77
59	Transfer of Two-Dimensional Oligonucleotide Patterns onto Stereocontrolled Plasmonic Nanostructures through DNA-Origami-Based Nanoimprinting Lithography. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8036-8040.	13.8	74
60	Programming DNA origami patterning with non-canonical DNA-based metallization reactions. <i>Nature Communications</i> , 2019, 10, 5597.	12.8	74
61	Electrochemical Interrogation of Interactions between Surface-Confined DNA and Methylene Blue. <i>Sensors</i> , 2007, 7, 2671-2680.	3.8	71
62	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, 7732-7737.	6.5	71
63	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.	13.8	71
64	Novel sulfonated polyimide/polyvinyl alcohol blend membranes for vanadium redox flow battery applications. <i>Journal of Materials Chemistry A</i> , 2015, 3, 2072-2081.	10.3	65
65	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.	3.1	64
66	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.	7.4	64
67	Capturing transient antibody conformations with DNA origami epitopes. <i>Nature Communications</i> , 2020, 11, 3114.	12.8	64
68	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.	13.8	63
69	Biomimetic DNA Nanotubes: Nanoscale Channel Design and Applications. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8996-9011.	13.8	62
70	A novel ultrasensitive electrochemical DNA sensor based on double tetrahedral nanostructures. <i>Biosensors and Bioelectronics</i> , 2015, 71, 434-438.	10.1	61
71	Poly-cytosine-mediated nanotags for SERS detection of Hg ²⁺ . <i>Nanoscale</i> , 2017, 9, 14184-14191.	5.6	61
72	Programming Chemical Reaction Networks Using Intramolecular Conformational Motions of DNA. <i>ACS Nano</i> , 2018, 12, 7093-7099.	14.6	61

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73	DNA Nanoribbonâ€Templated Selfâ€Assembly of Ultrasmall Fluorescent Copper Nanoclusters with Enhanced Luminescence. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11836-11844.	13.8	60
74	Gold nanoparticlebased optical probes for target-responsive DNA structures. <i>Gold Bulletin</i> , 2008, 41, 37-41.	2.7	59
75	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.	8.0	58
76	DNA Origamiâ€Enabled Engineering of Ligandâ€Drug Conjugates for Targeted Drug Delivery. <i>Small</i> , 2020, 16, e1904857.	10.0	58
77	Valenceâ€Engineering of Quantum Dots Using Programmable DNA Scaffolds. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16077-16081.	13.8	56
78	DNA Nanostructureâ€Based Systems for Intelligent Delivery of Therapeutic Oligonucleotides. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701153.	7.6	56
79	Amplified Fluorescent Recognition of G-Quadruplex Folding with a Cationic Conjugated Polymer and DNA Intercalator. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 3211-3216.	8.0	54
80	Dynamic Modulation of DNA Hybridization Using Allosteric DNA Tetrahedral Nanostructures. <i>Analytical Chemistry</i> , 2016, 88, 8043-8049.	6.5	54
81	Encapsulation and release of living tumor cells using hydrogels with the hybridization chain reaction. <i>Nature Protocols</i> , 2020, 15, 2163-2185.	12.0	54
82	Unraveling Cell-Type-Specific Targeted Delivery of Membrane-Camouflaged Nanoparticles with Plasmonic Imaging. <i>Nano Letters</i> , 2020, 20, 5228-5235.	9.1	52
83	Acupuncture promotes mTOR-independent autophagic clearance of aggregation-prone proteins in mouse brain. <i>Scientific Reports</i> , 2016, 6, 19714.	3.3	49
84	Advances in Nanowire Transistorâ€Based Biosensors. <i>Small Methods</i> , 2018, 2, 1700263.	8.6	49
85	Graphene Oxide-Assisted Nucleic Acids Assays Using Conjugated Polyelectrolytes-Based Fluorescent Signal Transduction. <i>Analytical Chemistry</i> , 2015, 87, 3877-3883.	6.5	48
86	Engineering DNAâ€Nanozyme Interfaces for Rapid Detection of Dental Bacteria. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 30640-30647.	8.0	48
87	Programmable Liveâ€Cell CRISPR Imaging with Toeholdâ€Switchâ€Mediated Strand Displacement. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20612-20618.	13.8	48
88	Three dimensional nano-assemblies of noble metal nanoparticleâ€infinite coordination polymers as specific oxidase mimetics for degradation of methylene blue without adding any cosubstrate. <i>Chemical Communications</i> , 2015, 51, 2052-2055.	4.1	47
89	Logic Catalytic Interconversion of G-Molecular Hydrogel. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4512-4518.	8.0	47
90	Bacterial Analysis Using an Electrochemical DNA Biosensor with Poly-Adenine-Mediated DNA Self-Assembly. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6895-6903.	8.0	45

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91	Systematic Study in Mammalian Cells Showing No Adverse Response to Tetrahedral DNA Nanostructure. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 15442-15448.	8.0	43
92	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.	6.7	42
93	Deciphering active biocompatibility of iron oxide nanoparticles from their intrinsic antagonism. <i>Nano Research</i> , 2018, 11, 2746-2755.	10.4	42
94	Graphene oxide-silver nanocomposites modulate biofilm formation and extracellular polymeric substance (EPS) production. <i>Nanoscale</i> , 2018, 10, 19603-19611.	5.6	41
95	Programming Switchable Transcription of Topologically Constrained DNA. <i>Journal of the American Chemical Society</i> , 2020, 142, 10739-10746.	13.7	41
96	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.	8.0	41
97	Mechanical Stress-Dependent Autophagy Component Release <i>via</i> Extracellular Nanovesicles in Tumor Cells. <i>ACS Nano</i> , 2019, 13, 4589-4602.	14.6	39
98	Poly-adenine-based programmable engineering of gold nanoparticles for highly regulated spherical DNAzymes. <i>Nanoscale</i> , 2015, 7, 18671-18676.	5.6	38
99	DNA Framework-Based Topological Cell Sorters. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10406-10410.	13.8	38
100	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.	2.6	37
101	Constructing Higher-Order DNA Nanoarchitectures with Highly Purified DNA Nanocages. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 13174-13179.	8.0	37
102	Fractal Nanoplasmonic Labels for Supermultiplex Imaging in Single Cells. <i>Journal of the American Chemical Society</i> , 2019, 141, 11938-11946.	13.7	37
103	Molecular Threading-Dependent Mass Transport in Paper Origami for Single-Step Electrochemical DNA Sensors. <i>Nano Letters</i> , 2019, 19, 369-374.	9.1	37
104	Single-Stranded DNA-Encoded Gold Nanoparticle Clusters as Programmable Enzyme Equivalents. <i>Journal of the American Chemical Society</i> , 2022, 144, 6311-6320.	13.7	37
105	Real-Time Imaging of Endocytosis and Intracellular Trafficking of Semiconducting Polymer Dots. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 21200-21208.	8.0	36
106	Encoding Carbon Nanotubes with Tubular Nucleic Acids for Information Storage. <i>Journal of the American Chemical Society</i> , 2019, 141, 17861-17866.	13.7	36
107	Encoding quantized fluorescence states with fractal DNA frameworks. <i>Nature Communications</i> , 2020, 11, 2185.	12.8	36
108	DNA-Based Hybrid Hydrogels Sustain Water-Insoluble Ophthalmic Therapeutic Delivery against Allergic Conjunctivitis. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26704-26710.	8.0	35

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109	Formation of Honeycomb-Patterned Polyetherketone Cardo (PEK-C) Films in a Highly Humid Atmosphere. <i>Macromolecular Chemistry and Physics</i> , 2006, 207, 1998-2005.	2.2	34
110	Quantitative investigation of the poly-adenine DNA dissociation from the surface of gold nanoparticles. <i>Scientific Reports</i> , 2015, 5, 10158.	3.3	34
111	Solidifying framework nucleic acids with silica. <i>Nature Protocols</i> , 2019, 14, 2416-2436.	12.0	34
112	Poly-adenine-mediated spherical nucleic acids for strand displacement-based DNA/RNA detection. <i>Biosensors and Bioelectronics</i> , 2019, 127, 85-91.	10.1	33
113	Nanoparticle-Assisted Alignment of Carbon Nanotubes on DNA Origami. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4892-4896.	13.8	33
114	DNA-Based Fabrication for Nanoelectronics. <i>Nano Letters</i> , 2020, 20, 5604-5615.	9.1	33
115	Prescribing Silver Chirality with DNA Origami. <i>Journal of the American Chemical Society</i> , 2021, 143, 8639-8646.	13.7	33
116	DNA orientation-specific adhesion and patterning of living mammalian cells on self-assembled DNA monolayers. <i>Chemical Science</i> , 2016, 7, 2722-2727.	7.4	31
117	Encoding Fluorescence Anisotropic Barcodes with DNA Frameworks. <i>Journal of the American Chemical Society</i> , 2021, 143, 10735-10742.	13.7	31
118	DNA hybridization returns on-electrocatalysis at gold electrodes. <i>Chemical Communications</i> , 2007, , 1154-1156.	4.1	30
119	Nanoprobe-Initiated Enzymatic Polymerization for Highly Sensitive Electrochemical DNA Detection. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 25618-25623.	8.0	30
120	Serum protein corona-responsive autophagy tuning in cells. <i>Nanoscale</i> , 2018, 10, 18055-18063.	5.6	30
121	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	30
122	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.	4.1	29
123	Hybridization chain reaction amplification for highly sensitive fluorescence detection of DNA with dextran coated microarrays. <i>Biosensors and Bioelectronics</i> , 2016, 81, 92-96.	10.1	29
124	Single cell imaging with near-field terahertz scanning microscopy. <i>Cell Proliferation</i> , 2020, 53, e12788.	5.3	29
125	Precisely Tailored DNA Nanostructures and their Theranostic Applications. <i>Chemical Record</i> , 2017, 17, 1213-1230.	5.8	28
126	DNA Origami Radiometers for Measuring Ultraviolet Exposure. <i>Journal of the American Chemical Society</i> , 2020, 142, 8782-8789.	13.7	28

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127	Recent Advances of DNA Nanostructure-Based Cell Membrane Engineering. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001718.	7.6	28
128	Silica Nanoparticles Target a Wnt Signal Transducer for Degradation and Impair Embryonic Development in Zebrafish. <i>Theranostics</i> , 2016, 6, 1810-1820.	10.0	27
129	The Inhibition Effect of Graphene Oxide Nanosheets on the Development of <i>Streptococcus mutans</i> Biofilms. <i>Particle and Particle Systems Characterization</i> , 2017, 34, 1700001.	2.3	27
130	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.	8.0	27
131	Cancer-Specific MicroRNA Analysis with a Nonenzymatic Nucleic Acid Circuit. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 11220-11226.	8.0	27
132	Engineering electrochemical interface for biomolecular sensing. <i>Current Opinion in Electrochemistry</i> , 2019, 14, 71-80.	4.8	27
133	Genetically encoded X-ray cellular imaging for nanoscale protein localization. <i>National Science Review</i> , 2020, 7, 1218-1227.	9.5	27
134	Programming chain-growth copolymerization of DNA hairpin tiles for in-vitro hierarchical supramolecular organization. <i>Nature Communications</i> , 2019, 10, 1006.	12.8	26
135	Programming Biomimetically Confined Aptamers with DNA Frameworks. <i>ACS Nano</i> , 2020, 14, 8776-8783.	14.6	26
136	A DNA tetrahedral structure-mediated ultrasensitive fluorescent microarray platform for nucleic acid test. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128538.	7.8	26
137	Framework Nucleic Acid Immune Adjuvant for Transdermal Delivery Based Chemo-immunotherapy for Malignant Melanoma Treatment. <i>Nano Letters</i> , 2022, 22, 4509-4518.	9.1	26
138	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.	2.6	25
139	Humidity-Responsive Single-Nanoparticle-Layer Plasmonic Films. <i>Advanced Materials</i> , 2017, 29, 1606796.	21.0	25
140	Programming DNA origami assembly for shape-resolved nanomechanical imaging labels. <i>Nature Protocols</i> , 2018, 13, 1569-1585.	12.0	25
141	Ultrasensitive Electrochemical DNA Biosensor Based on a Label-Free Assembling Strategy Using a Triblock polyA DNA Probe. <i>Analytical Chemistry</i> , 2019, 91, 16002-16009.	6.5	25
142	One-Dimensional Synergistic Core-Shell Nanozymes with Superior Peroxidase-like Activity for Ultrasensitive Colorimetric Detection of Blood Cholesterol. <i>ACS Applied Bio Materials</i> , 2020, 3, 5111-5119.	4.6	25
143	Tailoring DNA Self-assembly to Build Hydrogels. <i>Topics in Current Chemistry</i> , 2020, 378, 32.	5.8	25
144	miR-34a is a microRNA safeguard for <i>Citrobacter</i> -induced inflammatory colon oncogenesis. <i>ELife</i> , 2018, 7, .	6.0	25

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145	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.	3.0	24
146	Superresolution imaging of telomeres with continuous wave stimulated emission depletion (STED) microscope. <i>Science China Chemistry</i> , 2016, 59, 1519-1524.	8.2	24
147	Formation of honeycomb films from poly(L-lactide)-block-poly(ethylene glycol) via water-droplet templating. <i>Polymer International</i> , 2007, 56, 834-839.	3.1	23
148	Graphene Nanoprobes for Real-Time Monitoring of Isothermal Nucleic Acid Amplification. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15245-15253.	8.0	23
149	Identifying the Genotypes of Hepatitis B Virus (HBV) with DNA Origami Label. <i>Small</i> , 2018, 14, 1701718.	10.0	23
150	Charge Neutralization Drives the Shape Reconfiguration of DNA Nanotubes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5418-5422.	13.8	23
151	Driving DNA Origami Assembly with a Terahertz Wave. <i>Nano Letters</i> , 2022, 22, 468-475.	9.1	23
152	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, 1838-1842.	10.1	22
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