

Chunhai Fan

List of Publications by Year in descending order

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853
papers

74,370
citations

413

132
h-index

921

239
g-index

904
all docs

904
docs citations

904
times ranked

73260
citing authors

#	ARTICLE	IF	CITATIONS
1	DNAzyme-based faithful probing and pulldown to identify candidate biomarkers of low abundance. <i>Nature Chemistry</i> , 2024, 16, 122-131.	14.3	5
2	Data Storage Using DNA. <i>Advanced Materials</i> , 2024, 36, .	24.3	6
3	Atomically precise photothermal nanomachines. <i>Nature Materials</i> , 2024, 23, 271-280.	26.6	13
4	Programmable Atom-Like Nanoparticle Reporters for High-Precision Urinalysis of In Situ Membrane Proteins. <i>Advanced Materials</i> , 2024, 36, .	24.3	0
5	Body-conformable light-emitting materials and devices. <i>Nature Photonics</i> , 2024, 18, 114-126.	23.1	11
6	What can molecular assembly learn from catalysed assembly in living organisms?. <i>Chemical Society Reviews</i> , 2024, 53, 1892-1914.	40.3	3
7	DNA as a universal chemical substrate for computing and data storage. <i>Nature Reviews Chemistry</i> , 2024, 8, 179-194.	22.6	8
8	Spacer-Programmed Two-Dimensional DNA Origami Assembly. <i>Journal of the American Chemical Society</i> , 2024, 146, 5461-5469.	14.6	1
9	Programmed Remodeling of the Tumor Milieu to Enhance NK Cell Immunotherapy Combined with Chemotherapy for Pancreatic Cancer. <i>Nano Letters</i> , 2024, 24, 3421-3431.	9.5	3
10	Directing the Encapsulation of Single Cells with DNA Framework Nucleator-Based Hydrogel Growth. <i>Angewandte Chemie - International Edition</i> , 2024, 63, .	14.8	1
11	DNA Framework-Engineered Assembly of Cyanine Dyes for Structural Identification of Nucleic Acids. <i>Jacs Au</i> , 2024, 4, 1125-1133.	8.3	3
12	Directing the Encapsulation of Single Cells with DNA Framework Nucleator-Based Hydrogel Growth. <i>Angewandte Chemie</i> , 2024, 136, .	2.1	0
13	DNA Origami-Enabled Gene Localization of Repetitive Sequences. <i>Journal of the American Chemical Society</i> , 2024, 146, 6317-6325.	14.6	1
14	Twisted DNA Origami-Based Chiral Monolayers for Spin Filtering. <i>Journal of the American Chemical Society</i> , 2024, 146, 5883-5893.	14.6	1
15	Programming crystallization kinetics of self-assembled DNA crystals with 5-methylcytosine modification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2024, 121, .	7.6	0
16	An intelligent DNA nanodevice for precision thrombolysis. <i>Nature Materials</i> , 2024, 23, 854-862.	26.6	5
17	Upconversion dual-photosensitizer-expressing bacteria for near-infrared monochromatically excitable synergistic phototherapy. <i>Science Advances</i> , 2024, 10, .	10.9	5
18	Programming Intracellular Clustering of Spiky Nanoparticles via Liposome Encapsulation. <i>ACS Nano</i> , 2024, 18, 8051-8061.	15.3	0

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19	An artificial protein modulator reprogramming neuronal protein functions. <i>Nature Communications</i> , 2024, 15, .	13.2	1
20	Near-Field Terahertz Morphological Reconstruction Nanoscopy for Subsurface Imaging of Protein Layers. <i>ACS Nano</i> , 2024, 18, 10104-10112.	15.3	2
21	Toward an integrative approach to translational exercise biomedicine. <i>Translational exercise biomedicine</i> , 2024, 1, 5-8.	0.0	1
22	DNA Frameworkâ€“Programmed Nanoscale Enzyme Assemblies. <i>Nano Letters</i> , 2024, 24, 4682-4690.	9.5	0
23	A DNA origami device spatially controls CD95 signalling to induce immune tolerance in rheumatoid arthritis. <i>Nature Materials</i> , 2024, 23, 993-1001.	26.6	4
24	Electrochemical Biosensor for Point-of-Care Testing of Low-Abundance Biomarkers of Neurological Diseases. <i>Analytical Chemistry</i> , 2024, 96, 10332-10340.	6.8	0
25	DNA Framework-Guided Self-Limiting Aggregation for Highly Luminescent Metal Cluster Nanoaggregates. <i>Journal of the American Chemical Society</i> , 2024, 146, 17094-17102.	14.6	0
26	Ultrafast Super-Resolution Imaging Exploiting Spontaneous Blinking of Static Excimer Aggregates. <i>Journal of the American Chemical Society</i> , 2024, 146, 18948-18957.	14.6	0
27	Scanning Switch-off Microscopy for Super-Resolution Fluorescence Imaging. <i>Nano Letters</i> , 2024, 24, 12125-12132.	9.5	0
28	Highly reliable and efficient encoding systems for hexadecimal polypeptide-based data storage. <i>Fundamental Research</i> , 2023, 3, 298-304.	3.8	13
29	Size-dependent cellular uptake and sustained drug release of PLGA particles. <i>Particuology</i> , 2023, 73, 1-7.	4.0	6
30	Forum on Materials for Brain Research. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 1-2.	8.3	0
31	Dendrimer-like Hierarchical Framework Nucleic Acid for Real-Time Imaging of Intracellular Trafficking. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 3839-3850.	8.3	5
32	Metalâ€“Organic Frameworks in Microfluidics Enable Fast Encapsulation/Extraction of DNA for Automated and Integrated Data Storage. <i>ACS Nano</i> , 2023, 17, 2840-2850.	15.3	16
33	Surface engineering of colloidal nanoparticles. <i>Materials Horizons</i> , 2023, 10, 1185-1209.	12.8	9
34	Modular DNA-Origami-Based Nanoarrays Enhance Cell Binding Affinity through the â€œLock-and-Keyâ€• Interaction. <i>Journal of the American Chemical Society</i> , 2023, 145, 5447-5455.	14.6	18
35	Nanomechanical Profiling of A β 242 Oligomer-Induced Biological Changes in Single Hippocampus Neurons. <i>ACS Nano</i> , 2023, 17, 5517-5527.	15.3	7
36	The emerging landscape of microfluidic applications in DNA data storage. <i>Lab on A Chip</i> , 2023, 23, 1981-2004.	6.1	5

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37	DNA-framework-based multidimensional molecular classifiers for cancer diagnosis. <i>Nature Nanotechnology</i> , 2023, 18, 677-686.	30.5	47
38	High-entropy alloy nanopatterns by prescribed metallization of DNA origami templates. <i>Nature Communications</i> , 2023, 14, .	13.2	27
39	Micron-Scale Fabrication of Ultrathin Amorphous Copper Nanosheets Templated by DNA Scaffolds. <i>Journal of the American Chemical Society</i> , 2023, 145, 4553-4563.	14.6	12
40	Nanoparticle Spikes Enhance Cellular Uptake via Regulating Myosin IIA Recruitment. <i>ACS Nano</i> , 2023, 17, 9155-9166.	15.3	10
41	Selecting aptamers with programmed affinities. <i>Nature Chemistry</i> , 2023, 15, 747-748.	14.3	4
42	Controllable mitochondrial aggregation and fusion by a programmable DNA binder. <i>Chemical Science</i> , 2023, 14, 8084-8094.	7.8	3
43	Edge Length-Programmed Single-Stranded RNA Origami for Predictive Innate Immune Activation and Therapy. <i>Journal of the American Chemical Society</i> , 2023, 145, 17112-17124.	14.6	1
44	Single-Stranded RNA Origami-Based Epigenetic Immunomodulation. <i>Nano Letters</i> , 2023, 23, 7188-7196.	9.5	2
45	A temporally resolved DNA framework state machine in living cells. <i>Nature Machine Intelligence</i> , 2023, 5, 980-990.	15.2	7
46	Measurements of $W^{+}W^{-}$ production in decay topologies inspired by searches for electroweak supersymmetry. <i>European Physical Journal C</i> , 2023, 83, .	4.0	0
47	DNA-mediated regioselective encoding of colloids for programmable self-assembly. <i>Chemical Society Reviews</i> , 2023, 52, 5684-5705.	40.3	10
48	Treatment of Vulvovaginal Candidiasis—An Overview of Guidelines and the Latest Treatment Methods. <i>Journal of Clinical Medicine</i> , 2023, 12, 5376.	2.5	8
49	DNA-based programmable gate arrays for general-purpose DNA computing. <i>Nature</i> , 2023, 622, 292-300.	36.2	34
50	Protein fibers with self-recoverable mechanical properties via dynamic imine chemistry. <i>Nature Communications</i> , 2023, 14, .	13.2	13
51	Triggerable Prodrug Nanocoating Enables On-Demand Activation of Microbial and Small-Molecular Therapeutics for Combination Treatment. <i>Journal of the American Chemical Society</i> , 2023, 145, 26932-26946.	14.6	9
52	DNA-Modulated and Mechanoresponsive Excitonic Couplings Reveal Chiroptical Correlation of Conformation, Tension, and Dynamics of DNA Self-Assembly. <i>Nano Letters</i> , 2023, 23, 11734-11741.	9.5	0
53	Pharmaceutical applications of framework nucleic acids. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 76-91.	12.4	23
54	Electrochemically driven assembly of framework nucleic acids. <i>Journal of Electroanalytical Chemistry</i> , 2022, 905, 115901.	3.9	1

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55	Benzyl-rich ligand engineering of the photostability of atomically precise gold nanoclusters. <i>Chemical Communications</i> , 2022, 58, 2395-2398.	4.2	2
56	DNA Origami-Encoded Integration of Heterostructures. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.8	17
57	Ionic Current Fluctuation and Orientation of Tetrahedral DNA Nanostructures in a Solid-State Nanopore. <i>Small</i> , 2022, 18, e2107237.	11.2	3
58	Prevalence and predictors of low back pain among the Iranian population: Results from the Persian cohort study. <i>Annals of Medicine and Surgery</i> , 2022, 74, 103243.	1.1	7
59	Programmable DNA Hydrogels as Artificial Extracellular Matrix. <i>Small</i> , 2022, 18, e2107640.	11.2	46
60	DNA-Based Concatenated Encoding System for High-Reliability and High-Density Data Storage. <i>Small Methods</i> , 2022, 6, e2101335.	9.6	24
61	Rapid and ultrasensitive electromechanical detection of ions, biomolecules and SARS-CoV-2 RNA in unamplified samples. <i>Nature Biomedical Engineering</i> , 2022, 6, 276-285.	22.4	184
62	Computer vision-aided bioprinting for bone research. <i>Bone Research</i> , 2022, 10, 21.	11.7	12
63	Unbiased Enrichment of Circulating Tumor Cells Via DNzyme-Catalyzed Proximal Protein Biotinylation. <i>Nano Letters</i> , 2022, 22, 1618-1625.	9.5	19
64	Directing Multivalent Aptamer-Receptor Binding on the Cell Surface with Programmable Atom-Like Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.8	17
65	Directing Multivalent Aptamer-Receptor Binding on the Cell Surface with Programmable Atom-Like Nanoparticles. <i>Angewandte Chemie</i> , 2022, 134, .	2.1	2
66	Programmable design of isothermal nucleic acid diagnostic assays through abstraction-based models. <i>Nature Communications</i> , 2022, 13, 1635.	13.2	7
67	Artificial Protein Cage with Unusual Geometry and Regularly Embedded Gold Nanoparticles. <i>Nano Letters</i> , 2022, 22, 3187-3195.	9.5	14
68	Single-Stranded DNA-Encoded Gold Nanoparticle Clusters as Programmable Enzyme Equivalents. <i>Journal of the American Chemical Society</i> , 2022, 144, 6311-6320.	14.6	41
69	ssDNA functionalized nanodiamonds for uranium decorporation. <i>Chinese Chemical Letters</i> , 2022, 33, 3570-3572.	9.1	3
70	Advances in aptamer-based nuclear imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 2544-2559.	6.7	27
71	DNA Nanotechnology for Plasmonics. , 2022, , 271-323.		0
72	Driving DNA Origami Assembly with a Terahertz Wave. <i>Nano Letters</i> , 2022, 22, 468-475.	9.5	48

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73	DNA Engineered Lymphocyte-Based Homologous Targeting Artificial Antigen-Presenting Cells for Personalized Cancer Immunotherapy. <i>Journal of the American Chemical Society</i> , 2022, 144, 7634-7645.	14.6	25
74	Physicochemical Insights on Terahertz Wave Diminished Side Effects of Drugs from Slow Dissociation. <i>ACS Nano</i> , 2022, 16, 8419-8426.	15.3	41
75	DNA nanotechnology-empowered finite state machines. <i>Nanoscale Horizons</i> , 2022, 7, 578-588.	7.7	7
76	A smartphone-based three-in-one biosensor for co-detection of SARS-CoV-2 viral RNA, antigen and antibody. <i>Chemical Communications</i> , 2022, 58, 6108-6111.	4.2	13
77	Engineering DNA-Guided Hydroxyapatite Bulk Materials with High Stiffness and Outstanding Antimicrobial Ability for Dental Inlay Applications. <i>Advanced Materials</i> , 2022, 34, e2202180.	24.3	23
78	Nanocomposite DNA hydrogels emerging as programmable and bioinstructive materials systems. <i>CheM</i> , 2022, 8, 1554-1566.	12.2	21
79	Programming Receptor Clustering with DNA Probabilistic Circuits for Enhanced Natural Killer Cell Recognition. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202203800.	14.8	7
80	Preliminary Study on the Prediction of Pathological Grading of High-Risk Pulmonary Nodules ≤3 cm Based on CT Imaging Deep Learning. , 2022, , .		0
81	Phase transferring luminescent gold nanoclusters via single-stranded DNA. <i>Science China Chemistry</i> , 2022, 65, 1212-1220.	8.8	11
82	Gold-Nanoparticle-Mediated Assembly of High-Order DNA Nano-Architectures. <i>Small</i> , 2022, 18, e2200824.	11.2	16
83	Programming Receptor Clustering with DNA Probabilistic Circuits for Enhanced Natural Killer Cell Recognition. <i>Angewandte Chemie</i> , 2022, 134, .	2.1	4
84	Molecular Visualization of Early-Stage Acute Kidney Injury with a DNA Framework Nanodevice. <i>Advanced Science</i> , 2022, 9, e2105947.	12.4	16
85	Protein-Mimicking Nanoparticles in Biosystems. <i>Advanced Materials</i> , 2022, 34, e2201562.	24.3	22
86	Framework Nucleic Acid Immune Adjuvant for Transdermal Delivery Based Chemo-immunotherapy for Malignant Melanoma Treatment. <i>Nano Letters</i> , 2022, 22, 4509-4518.	9.5	29
87	Scaling Up Multi-bit DNA Full Adder Circuits with Minimal Strand Displacement Reactions. <i>Journal of the American Chemical Society</i> , 2022, 144, 9479-9488.	14.6	30
88	Probing the growth and mechanical properties of <i>Bacillus subtilis</i> biofilms through genetic mutation strategies. <i>Synthetic and Systems Biotechnology</i> , 2022, 7, 965-971.	4.0	8
89	DNA Origami-Based Single-Molecule CRISPR Machines for Spatially Resolved Searching. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.8	13
90	CRISPR-empowered hybridization chain reaction amplification for an attomolar electrochemical sensor. <i>Chemical Communications</i> , 2022, 58, 8826-8829.	4.2	6

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91	Programming the self-assembly of amphiphilic DNA frameworks for sequential boolean logic functions. <i>Chemical Communications</i> , 2022, 58, 8786-8789.	4.2	5
92	Probing the self-assembly process of amphiphilic tetrahedral DNA frameworks. <i>Chemical Communications</i> , 2022, 58, 8352-8355.	4.2	8
93	Sensing gastric cancer exosomes with MoS ₂ -based SERS aptasensor. <i>Biosensors and Bioelectronics</i> , 2022, 215, 114553.	10.4	37
94	Molecular convolutional neural networks with DNA regulatory circuits. <i>Nature Machine Intelligence</i> , 2022, 4, 625-635.	15.2	65
95	Nanoscale organization of two-dimensional multimeric pMHC reagents with DNA origami for CD8+ T cell detection. <i>Nature Communications</i> , 2022, 13, .	13.2	26
96	Lighting Up Nucleic Acid Modifications in Single Cells with DNA-Encoded Amplification. <i>Accounts of Chemical Research</i> , 2022, 55, 2248-2259.	16.6	4
97	Three-dimensional electron ptychography of organicâ€“inorganic hybrid nanostructures. <i>Nature Communications</i> , 2022, 13, .	13.2	17
98	Probing Heterogeneous Folding Pathways of DNA Origami Self-Assembly at the Molecular Level with Atomic Force Microscopy. <i>Nano Letters</i> , 2022, 22, 7173-7179.	9.5	10
99	Topologically switchable and gated transcription machinery. <i>Chemical Science</i> , 2022, 13, 10555-10565.	7.8	13
100	Pattern Recognition Directed Assembly of Plasmonic Gap Nanostructures for Single-Molecule SERS. <i>ACS Nano</i> , 2022, 16, 14622-14631.	15.3	48
101	Procedure for Torsional-Vibration Calculations in Ice. , 2022, , .		0
102	DNA-Based Molecular Machines. <i>Jacs Au</i> , 2022, 2, 2381-2399.	8.3	19
103	Aptamer-Modified Au Nanoparticles: Functional Nanozyme Bioreactors for Cascaded Catalysis and Catalysts for Chemodynamic Treatment of Cancer Cells. <i>ACS Nano</i> , 2022, 16, 18232-18243.	15.3	47
104	DNA origamiâ€“based artificial antigen-presenting cells for adoptive T cell therapy. <i>Science Advances</i> , 2022, 8, .	10.9	32
105	Mechano-fluorescence actuation in single synaptic vesicles with a DNA framework nanomachine. <i>Science Robotics</i> , 2022, 7, .	18.0	14
106	Ensemble Modified Aptamer Based Pattern Recognition for Adaptive Target Identification. <i>Nano Letters</i> , 2022, 22, 10057-10065.	9.5	3
107	Pairwise Proximityâ€“Differentiated Visualization of Singleâ€“Cell DNA Epigenetic Marks. <i>Angewandte Chemie</i> , 2021, 133, 3470-3474.	2.1	3
108	Probing of coupling effect induced plasmonic charge accumulation for water oxidation. <i>National Science Review</i> , 2021, 8, nwaa151.	9.5	34

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109	Biosensors based on DNA logic gates. <i>View</i> , 2021, 2, 20200038.	7.2	22
110	Designer DNA nanostructures for therapeutics. <i>Chem</i> , 2021, 7, 1156-1179.	12.2	106
111	Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2021, 64, 171-203.	8.8	97
112	Probing Transient DNA Conformation Changes with an Intercalative Fluorescent Excimer. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6624-6630.	14.8	18
113	Near-Field Nanoscopic Terahertz Imaging of Single Proteins. <i>Small</i> , 2021, 17, e2005814.	11.2	54
114	Fine Customization of Calcium Phosphate Nanostructures with Site-Specific Modification by DNA Templated Mineralization. <i>ACS Nano</i> , 2021, 15, 1555-1565.	15.3	33
115	Optochemical Control of DNA Switching Circuits for Logic and Probabilistic Computation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3397-3401.	14.8	46
116	Novel aptasensor-based assay of sonic hedgehog ligand for detection of portal vein invasion of hepatocellular carcinoma. <i>Biosensors and Bioelectronics</i> , 2021, 174, 112738.	10.4	14
117	Pairwise Proximity-Differentiated Visualization of Single-Cell DNA Epigenetic Marks. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3428-3432.	14.8	17
118	Optochemical Control of DNA Switching Circuits for Logic and Probabilistic Computation. <i>Angewandte Chemie</i> , 2021, 133, 3439-3443.	2.1	8
119	DNA nanotechnology-empowered nanoscopic imaging of biomolecules. <i>Chemical Society Reviews</i> , 2021, 50, 5650-5667.	40.3	81
120	DNA origami. <i>Nature Reviews Methods Primers</i> , 2021, 1, .	18.8	433
121	A nano-integrated microfluidic biochip for enzyme-based point-of-care detection of creatinine. <i>Chemical Communications</i> , 2021, 57, 4726-4729.	4.2	12
122	Encoding DNA Frameworks for Amplified Multiplexed Imaging of Intracellular microRNAs. <i>Analytical Chemistry</i> , 2021, 93, 2226-2234.	6.8	74
123	Electric Fano resonance-based terahertz metasensors. <i>Nanoscale</i> , 2021, 13, 18467-18472.	5.8	86
124	Assembly Pathway Selection with DNA Reaction Circuits for Programming Multiple Cell-Cell Interactions. <i>Journal of the American Chemical Society</i> , 2021, 143, 3448-3454.	14.6	61
125	Probing Transient DNA Conformation Changes with an Intercalative Fluorescent Excimer. <i>Angewandte Chemie</i> , 2021, 133, 6698-6704.	2.1	0
126	Titelbild: Optochemical Control of DNA Switching Circuits for Logic and Probabilistic Computation (<i>Angew. Chem.</i> 7/2021). <i>Angewandte Chemie</i> , 2021, 133, 3353-3353.	2.1	0

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127	Engineering Allosteric Ribozymes to Detect Thiamine Pyrophosphate in Whole Blood. <i>Analytical Chemistry</i> , 2021, 93, 4277-4284.	6.8	11
128	Advances in Whole-Cell Photobiological Hydrogen Production. <i>Advanced NanoBiomed Research</i> , 2021, 1, 2000051.	3.9	15
129	Terahertz Wave Enhances Permeability of the Voltage-Gated Calcium Channel. <i>Journal of the American Chemical Society</i> , 2021, 143, 4311-4318.	14.6	194
130	Materials Applications of Aptamers. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 9289-9290.	8.3	8
131	Significantly Improving the Bioefficacy for Rheumatoid Arthritis with Supramolecular Nanoformulations. <i>Advanced Materials</i> , 2021, 33, e2100098.	24.3	49
132	pH- and miRNA-Responsive DNA-Tetrahedra/Metal-Organic Framework Conjugates: Functional Sense-and-Treat Carriers. <i>ACS Nano</i> , 2021, 15, 6645-6657.	15.3	92
133	Probing the Intracellular Dynamics of Nitric Oxide and Hydrogen Sulfide Using an Activatable NIR II Fluorescence Reporter. <i>Angewandte Chemie</i> , 2021, 133, 8531-8535.	2.1	11
134	X-ray-Based Techniques to Study the Nano-Bio Interface. <i>ACS Nano</i> , 2021, 15, 3754-3807.	15.3	69
135	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.	14.8	75
136	Probing the Formation Kinetics and Thermodynamics with Rationally Designed Analytical Tools Enables One-Pot Synthesis and Purification of a Tetrahedral DNA Nanostructure. <i>Analytical Chemistry</i> , 2021, 93, 7045-7053.	6.8	20
137	Dynamic regulation of DNA nanostructures by noncanonical nucleic acids. <i>NPG Asia Materials</i> , 2021, 13, .	8.3	19
138	General Synthesis of Ultrafine Monodispersed Hybrid Nanoparticles from Highly Stable Monomicelles. <i>Advanced Materials</i> , 2021, 33, e2100820.	24.3	37
139	Precisely Controlled Vertical Alignment in Mesostructured Carbon Thin Films for Efficient Electrochemical Sensing. <i>ACS Nano</i> , 2021, 15, 7713-7721.	15.3	35
140	Proteomic Exploration of Endocytosis of Framework Nucleic Acids. <i>Small</i> , 2021, 17, e2100837.	11.2	23
141	DNA Origami-Based Nanoprinting for the Assembly of Plasmonic Nanostructures with Single-Molecule Surface-Enhanced Raman Scattering. <i>Angewandte Chemie</i> , 2021, 133, 11801-11807.	2.1	5
142	DNA Origami-Based Nanoprinting for the Assembly of Plasmonic Nanostructures with Single-Molecule Surface-Enhanced Raman Scattering. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11695-11701.	14.8	70
143	Epigenetic Remodeling Hydrogel Patches for Multidrug-Resistant Triple-Negative Breast Cancer. <i>Advanced Materials</i> , 2021, 33, e2100949.	24.3	68
144	DNA Assembly-Based Stimuli-Responsive Systems. <i>Advanced Science</i> , 2021, 8, 2100328.	12.4	55

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145	An Oligonucleotide-Induced Distortion-Responsive Organic Transistor for Platinum-Induced DNA Damage Detection. <i>Advanced Materials</i> , 2021, 33, e2100489.	24.3	10
146	Catalytic DNA Origami-based Chiral Plasmonic Biosensor. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 914-918.	2.7	4
147	Poly-Adenine-Based Spherical Nucleic Acids for Efficient Live-Cell MicroRNA Capture. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14438-14445.	14.8	23
148	Poly-Adenine-Based Spherical Nucleic Acids for Efficient Live-Cell MicroRNA Capture. <i>Angewandte Chemie</i> , 2021, 133, 14559-14566.	2.1	1
149	Metal-Bridged Graphene-Protein Supraparticles for Analog and Digital Nitric Oxide Sensing. <i>Advanced Materials</i> , 2021, 33, e2007900.	24.3	9
150	DNA origami single crystals with Wulff shapes. <i>Nature Communications</i> , 2021, 12, 3011.	13.2	50
151	Sequential Therapy of Acute Kidney Injury with a DNA Nanodevice. <i>Nano Letters</i> , 2021, 21, 4394-4402.	9.5	63
152	Biocomputing Based on DNA Strand Displacement Reactions. <i>ChemPhysChem</i> , 2021, 22, 1151-1166.	2.3	35
153	Multi-Mode Reconfigurable DNA-Based Chemical Reaction Circuits for Soft Matter Computing and Control. <i>Angewandte Chemie</i> , 2021, 133, 15140-15146.	2.1	7
154	Prescribing Silver Chirality with DNA Origami. <i>Journal of the American Chemical Society</i> , 2021, 143, 8639-8646.	14.6	39
155	Nanobooster-encapsulated hybrid RNA as anti-tumor viral mimicry. <i>Nano Today</i> , 2021, 38, 101211.	12.3	15
156	Multi-Mode Reconfigurable DNA-Based Chemical Reaction Circuits for Soft Matter Computing and Control. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15013-15019.	14.8	29
157	DNA Framework-Engineered Long-Range Electrostatic Interactions for DNA Hybridization Reactions. <i>Angewandte Chemie</i> , 2021, 133, 16829-16835.	2.1	0
158	A library of thermotropic liquid crystals of inorganic nanoparticles and extraordinary performances based on their collective ordering. <i>Nano Today</i> , 2021, 38, 101115.	12.3	14
159	Responsive optical probes for deep-tissue imaging: Photoacoustics and second near-infrared fluorescence. <i>Advanced Drug Delivery Reviews</i> , 2021, 173, 141-163.	14.3	60
160	DNA Framework-Engineered Long-Range Electrostatic Interactions for DNA Hybridization Reactions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16693-16699.	14.8	20
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