

Dongsheng Liu

List of Publications by Year in descending order

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146
papers

8,765
citations

34105

52
h-index

46799

89
g-index

175
all docs

175
docs citations

175
times ranked

7192
citing authors

#	ARTICLE	IF	CITATIONS
1	A Proton-Fuelled DNA Nanomachine. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 5734-5736.	13.8	435
2	A pH-Triggered, Fast-Responding DNA Hydrogel. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7660-7663.	13.8	420
3	Self-Assembled DNA Hydrogels with Designable Thermal and Enzymatic Responsiveness. <i>Advanced Materials</i> , 2011, 23, 1117-1121.	21.0	363
4	Rapid Formation of a Supramolecular Polypeptide-DNA Hydrogel for In-Situ Three-Dimensional Multilayer Bioprinting. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3957-3961.	13.8	344
5	DNA Nanotechnology Based on i-Motif Structures. <i>Accounts of Chemical Research</i> , 2014, 47, 1853-1860.	15.6	318
6	A Biomimetic Potassium Responsive Nanochannel: G-Quadruplex DNA Conformational Switching in a Synthetic Nanopore. <i>Journal of the American Chemical Society</i> , 2009, 131, 7800-7805.	13.7	316
7	Supramolecular Hydrogels Based on DNA Self-Assembly. <i>Accounts of Chemical Research</i> , 2017, 50, 659-668.	15.6	281
8	A Reversible pH-Driven DNA Nanoswitch Array. <i>Journal of the American Chemical Society</i> , 2006, 128, 2067-2071.	13.7	213
9	DNA Molecular Motor Driven Micromechanical Cantilever Arrays. <i>Journal of the American Chemical Society</i> , 2005, 127, 17054-17060.	13.7	206
10	Responsive Double Network Hydrogels of Interpenetrating DNA and CB[8] Host-Guest Supramolecular Systems. <i>Advanced Materials</i> , 2015, 27, 3298-3304.	21.0	201
11	Enthalpy-Driven Three-State Switching of a Superhydrophilic/Superhydrophobic Surface. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3915-3917.	13.8	168
12	Light-Driven Conformational Switch of i-Motif DNA. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2515-2517.	13.8	162
13	Regulation of an Enzyme Cascade Reaction by a DNA Machine. <i>Small</i> , 2013, 9, 3088-3091.	10.0	141
14	DNA nanomachines and their functional evolution. <i>Chemical Communications</i> , 2009, , 2625.	4.1	139
15	A Triggered DNA Hydrogel Cover to Envelop and Release Single Cells. <i>Advanced Materials</i> , 2013, 25, 4714-4717.	21.0	122
16	Continuous On-Site Label-Free ATP Fluorometric Assay Based on Aggregation-Induced Emission of Silole. <i>Langmuir</i> , 2009, 25, 676-678.	3.5	121
17	A Writable Polypeptide-DNA Hydrogel with Rationally Designed Multi-Modification Sites. <i>Small</i> , 2015, 11, 1138-1143.	10.0	119
18	Reversible Regulation of Protein Binding Affinity by a DNA Machine. <i>Journal of the American Chemical Society</i> , 2012, 134, 1416-1418.	13.7	118

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19	DNA origami/gold nanorod hybrid nanostructures for the circumvention of drug resistance. <i>Nanoscale</i> , 2017, 9, 7750-7754.	5.6	104
20	Efficient, pH-Triggered Drug Delivery Using a pH-Responsive DNA-Conjugated Gold Nanoparticle. <i>Advanced Healthcare Materials</i> , 2013, 2, 275-280.	7.6	103
21	DNA-based switchable devices and materials. <i>NPG Asia Materials</i> , 2011, 3, 109-114.	7.9	101
22	Microrheology of DNA hydrogels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8137-8142.	7.1	96
23	A Responsive Hidden Toehold To Enable Controllable DNA Strand Displacement Reactions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11934-11936.	13.8	94
24	Frame-Guided Assembly of Vesicles with Programmed Geometry and Dimensions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2607-2610.	13.8	92
25	Formation of an Interlocked Quadruplex Dimer by d(GGGT). <i>Journal of the American Chemical Society</i> , 2004, 126, 11009-11016.	13.7	91
26	Designable Immune Therapeutic Vaccine System Based on DNA Supramolecular Hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 9310-9314.	8.0	91
27	Improving the Yield of Mono-DNA-Functionalized Gold Nanoparticles through Dual Steric Hindrance. <i>Journal of the American Chemical Society</i> , 2011, 133, 15284-15287.	13.7	89
28	Cuboid Vesicles Formed by Frame-Guided Assembly on DNA Origami Scaffolds. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1586-1589.	13.8	85
29	Highly Permeable DNA Supramolecular Hydrogel Promotes Neurogenesis and Functional Recovery after Completely Transected Spinal Cord Injury. <i>Advanced Materials</i> , 2021, 33, e2102428.	21.0	85
30	DNA-SWNT hybrid hydrogel. <i>Chemical Communications</i> , 2011, 47, 5545-5547.	4.1	81
31	pH-Responsive Size-Tunable Self-Assembled DNA Dendrimers. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11271-11274.	13.8	81
32	Use of the Interparticle i-Motif for the Controlled Assembly of Gold Nanoparticles. <i>Langmuir</i> , 2007, 23, 11956-11959.	3.5	79
33	An Electrochemically Actuated Reversible DNA Switch. <i>Nano Letters</i> , 2010, 10, 1393-1397.	9.1	78
34	Cofactor-free oxidase-mimetic nanomaterials from self-assembled histidine-rich peptides. <i>Nature Materials</i> , 2021, 20, 395-402.	27.5	78
35	Alternating-electric-field-enhanced reversible switching of DNA nanocontainers with pH. <i>Nucleic Acids Research</i> , 2007, 35, e33.	14.5	73
36	Reversibly tuning the mechanical properties of a DNA hydrogel by a DNA nanomotor. <i>Chemical Communications</i> , 2016, 52, 10668-10671.	4.1	68

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37	Programmable proteinâ€“DNA hybrid hydrogels for the immobilization and release of functional proteins. <i>Chemical Communications</i> , 2014, 50, 14620-14622.	4.1	66
38	Antiâ€“Friction MSCs Delivery System Improves the Therapy for Severe Osteoarthritis. <i>Advanced Materials</i> , 2021, 33, e2104758.	21.0	66
39	A pH-driven, reconfigurable DNA nanotriangle. <i>Chemical Communications</i> , 2009, , 824-826.	4.1	65
40	3D biofabrication for tubular tissue engineering. <i>Bio-Design and Manufacturing</i> , 2018, 1, 89-100.	7.7	65
41	Catalytic Asymmetric Inverseâ€“Electronâ€“Demand 1,3â€“Dipolar Cycloaddition of C,Nâ€“Cyclic Azomethine Imines with Azlactones: Access to Chiral Tricyclic Tetrahydroisoquinolines. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8100-8103.	13.8	60
42	Precisely Controlled 2D Freeâ€“Floating Nanosheets of Amphiphilic Molecules through Frameâ€“Guided Assembly. <i>Advanced Materials</i> , 2016, 28, 9819-9823.	21.0	59
43	Remote Controlling DNA Hydrogel by Magnetic Field. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 1995-2000.	8.0	59
44	Study of pH-Induced Folding and Unfolding Kinetics of the DNA i-Motif by Stopped-Flow Circular Dichroism. <i>Langmuir</i> , 2012, 28, 17743-17748.	3.5	58
45	pH-induced morphology-shifting of DNA-b-poly(propylene oxide) assemblies. <i>Chemical Communications</i> , 2012, 48, 9753.	4.1	57
46	Constructing Tissue-like Complex Structures Using Cell-Laden DNA Hydrogel Bricks. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 12311-12315.	8.0	57
47	Spatiotemporally Controlled Release of Rhoâ€“Inhibiting C3 Toxin from a Proteinâ€“DNA Hybrid Hydrogel for Targeted Inhibition of Osteoclast Formation and Activity. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700392.	7.6	57
48	Amphiphilic DNA-dendron hybrid: a new building block for functional assemblies. <i>Soft Matter</i> , 2011, 7, 7187.	2.7	55
49	Structural insights into the SARS-CoV-2 Omicron RBD-ACE2 interaction. <i>Cell Research</i> , 2022, 32, 593-595.	12.0	55
50	Thermally Triggered Frameâ€“Guided Assembly. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13468-13470.	13.8	54
51	Photo-pH Dually Modulated Fluorescence Switch Based on DNA Spatial Nanodevice. <i>Journal of Physical Chemistry B</i> , 2008, 112, 6893-6896.	2.6	51
52	DNA-Grafted Polypeptide Molecular Bottlebrush Prepared via Ring-Opening Polymerization and Click Chemistry. <i>Macromolecules</i> , 2012, 45, 9579-9584.	4.8	51
53	A new strategy improves assembly efficiency of DNA mono-modified gold nanoparticles. <i>Chemical Communications</i> , 2011, 47, 5774.	4.1	49
54	Single-Molecule Force Spectroscopy of Selenium-Containing Amphiphilic Block Copolymer: Toward Disassembling the Polymer Micelles. <i>Langmuir</i> , 2012, 28, 9601-9605.	3.5	45

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55	Photoelectric conversion switch based on quantum dots with i-motif DNA scaffolds. <i>Chemical Communications</i> , 2009, , 2293.	4.1	43
56	Reversibly controlled morphology transformation of an amphiphilic DNA-dendron hybrid. <i>Chemical Communications</i> , 2012, 48, 3715.	4.1	42
57	Supramolecular hydrogels: Mechanical strengthening with dynamics. <i>Polymer</i> , 2020, 210, 122993.	3.8	41
58	Responsive DNA-Based Supramolecular Hydrogels. <i>ACS Applied Bio Materials</i> , 2020, 3, 2827-2837.	4.6	40
59	Acid-Promoted DNA-Cleaving Activities and Total Synthesis of Varacin C. <i>Journal of the American Chemical Society</i> , 2002, 124, 13972-13973.	13.7	38
60	Simple magnesium catalyst mediated β -butyrolactams in desymmetrization of meso-aziridines. <i>Chemical Communications</i> , 2016, 52, 9640-9643.	4.1	38
61	A supramolecular hydrogel with identical cross-linking point density but distinctive rheological properties. <i>Materials Chemistry Frontiers</i> , 2017, 1, 654-659.	5.9	38
62	In Situ Formation of Covalent Second Network in a DNA Supramolecular Hydrogel and Its Application for 3D Cell Imaging. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 4185-4192.	8.0	37
63	Folding DNA into a Lipid-Conjugated Nanobarrel for Controlled Reconstitution of Membrane Proteins. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2072-2076.	13.8	36
64	Terminal PEGylated DNA-Gold Nanoparticle Conjugates Offering High Resistance to Nuclease Degradation and Efficient Intracellular Delivery of DNA Binding Agents. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 18707-18716.	8.0	35
65	DNA-Molecular-Motor-Controlled Dendron Association. <i>Langmuir</i> , 2010, 26, 12496-12499.	3.5	34
66	Construction of Liposomes Mimicking Cell Membrane Structure through Frame-Guided Assembly. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15176-15180.	13.8	34
67	Shear-Thinning and Designable Responsive Supramolecular DNA Hydrogels Based on Chemically Branched DNA. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 48414-48422.	8.0	34
68	Stable Conformations of a Single Stranded Deprotonated DNA i-Motif. <i>Journal of Physical Chemistry B</i> , 2011, 115, 13788-13795.	2.6	33
69	Using Small Molecules to Prepare Vesicles with Designable Shapes and Sizes via Frame-Guided Assembly Strategy. <i>Small</i> , 2015, 11, 3768-3771.	10.0	33
70	Tuning the Mechanical Properties of a DNA Hydrogel in Three Phases Based on ATP Aptamer. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1633.	4.1	32
71	DNA-templated CMV viral capsid proteins assemble into nanotubes. <i>Chemical Communications</i> , 2008, , 49-51.	4.1	31
72	DNA discrete modified gold nanoparticles. <i>Nanoscale</i> , 2011, 3, 4015.	5.6	30

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73	A switchable DNA origami nanochannel for regulating molecular transport at the nanometer scale. <i>Nanoscale</i> , 2016, 8, 3944-3948.	5.6	30
74	Construction of Circular Oligodeoxyribonucleotides on the New Structural Basis of i-Motif. <i>Journal of the American Chemical Society</i> , 2001, 123, 12901-12902.	13.7	28
75	Synthesis and mesomorphic properties of fishbone-like liquid crystalline polysilsesquioxanes, 3. Fishbone-like, azo-based liquid crystalline polysilsesquioxane. <i>Macromolecular Chemistry and Physics</i> , 1996, 197, 745-752.	2.2	27
76	A brief review of methods for terminal functionalization of DNA. <i>Methods</i> , 2014, 67, 116-122.	3.8	27
77	Programmable allosteric DNA regulations for molecular networks and nanomachines. <i>Science Advances</i> , 2022, 8, eabl4589.	10.3	27
78	Structures and magnetic property studies of four copper(II) and nickel(II) supramolecular complexes derived from diphenic acid constructed by C-H...F and F...F interactions. <i>Inorganica Chimica Acta</i> , 2009, 362, 4167-4173.	2.4	26
79	The working mechanism and performance of polypyrrole as a counter electrode for dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2014, 2, 12805-12811.	10.3	26
80	Frame-Guided Assembly of Amphiphiles. <i>Chemistry - A European Journal</i> , 2015, 21, 18018-18023.	3.3	26
81	A Biostable DNA Hydrogel with Improved Stability for Biomedical Applications. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	25
82	DNA Bimodified Gold Nanoparticles. <i>Langmuir</i> , 2012, 28, 1966-1970.	3.5	24
83	DNA Pillars Constructed from an i-Motif Stem and Duplex Branches. <i>Small</i> , 2012, 8, 552-556.	10.0	24
84	On the role of flexibility in linker-mediated DNA hydrogels. <i>Soft Matter</i> , 2020, 16, 990-1001.	2.7	23
85	Spatial regulation of synthetic and biological nanoparticles by DNA nanotechnology. <i>NPG Asia Materials</i> , 2015, 7, e161-e161.	7.9	21
86	Preparation of polypyrrole thin film counter electrode with pre-stored iodine and resultant influence on its performance. <i>Journal of Power Sources</i> , 2015, 274, 1076-1084.	7.8	21
87	Preparation and Self-Assembly of Supramolecular Coil-Rod-Coil Triblock Copolymer PPO-dsDNA-PPO. <i>Macromolecules</i> , 2015, 48, 7550-7556.	4.8	19
88	The Assembly of DNA Amphiphiles at Liquid Crystal-Aqueous Interface. <i>Nanomaterials</i> , 2016, 6, 229.	4.1	19
89	Functional evolution on the assembled DNA template. <i>Chemical Society Reviews</i> , 2010, 39, 150-155.	38.1	18
90	Fold 2D Woven DNA Origami to Origami Structures. <i>Advanced Functional Materials</i> , 2019, 29, 1809097.	14.9	18

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91	Influence of Tetra(ethylene glycol) (EG ₄) Substitution at the Loop Region on the Intramolecular DNA <i>i</i> -Motif. <i>Macromolecules</i> , 2012, 45, 2643-2647.	4.8	17
92	Self-Collapsing of Single Molecular Poly(Propylene Oxide) (PPO) in a 3D DNA Network. <i>Small</i> , 2018, 14, 1703426.	10.0	17
93	Recent Progress in DNA Motor-Based Functional Systems. <i>ACS Applied Bio Materials</i> , 2021, 4, 2251-2261.	4.6	17
94	DNA-Organic molecular amphiphiles: Synthesis, self-assembly, and hierarchical aggregates. <i>Aggregate</i> , 2021, 2, e95.	9.9	17
95	Small Circular Oligodeoxynucleotides Achieved from Self-Assembling Entities. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 797-799.	13.8	16
96	Tetrahedron DNA dendrimers and their encapsulation of gold nanoparticles. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 4391-4394.	3.0	16
97	Cytotoxicity and Cellular Responses of Gold Nanorods to Smooth Muscle Cells Dependent on Surface Chemistry Coupled Action. <i>Small</i> , 2018, 14, e1803715.	10.0	16
98	Synthesis and mesomorphic properties of fishbone-like, liquid crystalline polysilsesquioxanes: 4. Pd-coordinating, fishbone-like imine-based liquid crystalline polysilsesquioxane. <i>Macromolecular Symposia</i> , 1996, 105, 249-255.	0.7	15
99	Performance-improved photo-driven liquid crystal cell using azobenzene-grafted ladderlike polysiloxane as command layer. <i>Macromolecular Chemistry and Physics</i> , 1997, 198, 1855-1863.	2.2	15
100	Preparation and Self-folding of Amphiphilic DNA Origami. <i>Small</i> , 2015, 11, 1161-1164.	10.0	15
101	Catalytic Asymmetric Inverse-Electron-Demand 1,3-Dipolar Cycloaddition of C,N-Cyclic Azomethine Imines with Azlactones: Access to Chiral Tricyclic Tetrahydroisoquinolines. <i>Angewandte Chemie</i> , 2016, 128, 8232-8235.	2.0	15
102	Ion-Mediated Polymerase Chain Reactions Performed with an Electronically Driven Microfluidic Device. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12450-12454.	13.8	15
103	Reinforcing DNA Supramolecular Hydrogel with Polymeric Multiple-Unit Linker. <i>CCS Chemistry</i> , 2023, 5, 434-444.	7.8	15
104	DNA Supramolecular Hydrogel as a Biocompatible Artificial Vitreous Substitute. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	15
105	Frame-Guided Assembly of Amphiphiles. <i>Accounts of Chemical Research</i> , 2022, 55, 1938-1948.	15.6	15
106	Photo-driven liquid crystal cell using azobenzene-grafted ladderlike polysiloxane as command layer. <i>Macromolecular Rapid Communications</i> , 1996, 17, 759-766.	3.9	14
107	PH-Controlled Carbon Nanotube Aggregation/Dispersion Based on Intermolecular I-Motif DNA Formation. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 7282-7286.	0.9	14
108	A pH responsive dendron-DNA-protein hybrid supramolecular system. <i>Soft Matter</i> , 2010, 6, 2143.	2.7	14

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109	Cuboid Vesicles Formed by Frame-Guided Assembly on DNA Origami Scaffolds. <i>Angewandte Chemie</i> , 2017, 129, 1608-1611.	2.0	14
110	Stretching Single Polymer Chains of Donor-Acceptor Foldamers: Toward the Quantitative Study on the Extent of Folding. <i>Langmuir</i> , 2013, 29, 14438-14443.	3.5	13
111	Microcantilever Biosensors: Probing Biomolecular Interactions at the Nanoscale. <i>Current Organic Chemistry</i> , 2011, 15, 477-485.	1.6	12
112	Functionalization of DNA-Dendron Supramolecular Fibers and Application in Regulation of <i>Escherichia coli</i> Association. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 7351-7356.	8.0	12
113	Synthesis and Self-Assembly of DNA-Aliphatic Polyether Dendron Hybrids. <i>Acta Chimica Sinica</i> , 2013, 71, 549.	1.4	12
114	G-quadruplex as a new class of structural entities for directing the formation of circular oligodeoxyribonucleotides. Electronic supplementary information (ESI) available: experimental procedures. See http://www.rsc.org/suppdata/cc/b2/b208075n/ . <i>Chemical Communications</i> , 2002, , 2686-2687.	4.1	11
115	Folding DNA into a Lipid-Conjugated Nanobarrel for Controlled Reconstitution of Membrane Proteins. <i>Angewandte Chemie</i> , 2018, 130, 2094-2098.	2.0	11
116	A Modularly Designable Vesicle for Sequentially Multiple Loading. <i>Small</i> , 2018, 14, 1703259.	10.0	11
117	Redox triggered disassembly of frame-guided assemblies. <i>Polymer</i> , 2019, 175, 146-151.	3.8	11
118	Construction of pH-Triggered DNA Hydrogels Based on Hybridization Chain Reactions. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 243-246.	2.6	11
119	Kinetically Interlocking Multiple-Units Polymerization of DNA Double Crossover and Its Application in Hydrogel Formation. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2100182.	3.9	11
120	Genetically Encoded Double-Stranded DNA-Based Nanostructure Folded by a Covalently Bivalent CRISPR/dCas System. <i>Journal of the American Chemical Society</i> , 2022, 144, 6575-6582.	13.7	11
121	pH-responsive Frame-Guided Assembly with hydrophobicity controllable peptide as leading hydrophobic groups. <i>Giant</i> , 2020, 1, 100006.	5.1	10
122	Number-controlled spatial arrangement of gold nanoparticles with DNA dendrimers. <i>RSC Advances</i> , 2016, 6, 70553-70556.	3.6	9
123	An Addressable 2D Heterogeneous Nanoreactor to Study the Enzyme-Catalyzed Reaction at the Interface. <i>Small</i> , 2017, 13, 1700594.	10.0	9
124	Controllable supramolecular α -ring opening-polymerization based on DNA duplex. <i>Polymer</i> , 2019, 171, 121-126.	3.8	9
125	Ion-Mediated Polymerase Chain Reactions Performed with an Electronically Driven Microfluidic Device. <i>Angewandte Chemie</i> , 2016, 128, 12638-12642.	2.0	7
126	Effects of Structural Flexibility on the Kinetics of DNA Y-Junction Assembly and Gelation. <i>Langmuir</i> , 2016, 32, 12862-12868.	3.5	7

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127	Preparation of a novel self-assembling nonlinear optical (NLO) polymer film. <i>Science in China Series B: Chemistry</i> , 1997, 40, 568-574.	0.8	6
128	Improving the sensitivity for DNA sensing based on double-anchored DNA modified gold nanoparticles. <i>Science China Chemistry</i> , 2016, 59, 765-769.	8.2	6
129	DNA nanochannels. <i>F1000Research</i> , 2017, 6, 503.	1.6	6
130	Stabilization of an intermolecular i-motif by lipid modification of cytosine-oligodeoxynucleotides. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 4857-4863.	2.8	6
131	A Biostable DNA Hydrogel with Improved Stability for Biomedical Applications. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	6
132	Translation Microscopy (TRAM) for super-resolution imaging. <i>Scientific Reports</i> , 2016, 6, 19993.	3.3	5
133	Electro-Optical Effect of Varied SCLCP/LC Blend Systems. <i>Molecular Crystals and Liquid Crystals</i> , 1995, 269, 75-87.	0.3	4
134	Delivery and controllable release of anti-sense DNA based on frame-guided assembly strategy. <i>European Polymer Journal</i> , 2022, 173, 111187.	5.4	4
135	Synthesis of dendritic oligodeoxyribonucleotide analogs with nonionic diisopropylsilyl linkage. <i>Tetrahedron</i> , 2011, 67, 9080-9086.	1.9	2
136	Construction and Characterization of a Mirror Image DNA Motif. <i>ChemBioChem</i> , 2020, 21, 94-97.	2.6	2
137	Construction of Liposomes Mimicking Cell Membrane Structure through Frame-Guided Assembly. <i>Angewandte Chemie</i> , 2020, 132, 15288-15292.	2.0	2
138	Small Circular Oligodeoxynucleotides Achieved from Self-Assembling Entities. <i>Angewandte Chemie</i> , 2003, 115, 821-823.	2.0	1
139	DNA HYDROGELS: Self-Assembled DNA Hydrogels with Designable Thermal and Enzymatic Responsiveness (<i>Adv. Mater.</i> 9/2011). <i>Advanced Materials</i> , 2011, 23, 1116-1116.	21.0	1
140	Drug Delivery: Efficient, pH-Triggered Drug Delivery Using a pH-Responsive DNA-Conjugated Gold Nanoparticle (<i>Adv. Healthcare Mater.</i> 2/2013). <i>Advanced Healthcare Materials</i> , 2013, 2, 380-380.	7.6	1
141	Towards Artificial Cells: Engineering Encapsulated Molecular Signaling with Intelligent DNA Nanomachines. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 731-732.	2.6	1
142	DNA-Modified Liquid Crystal Droplets. <i>Biosensors</i> , 2022, 12, 275.	4.7	1
143	DNA Hydrogels: A Writable Polypeptide-DNA Hydrogel with Rationally Designed Multi-Modification Sites (<i>Small</i> 9/2015). <i>Small</i> , 2015, 11, 1224-1224.	10.0	0
144	Frontispiz: Folding DNA into a Lipid-Conjugated Nanobarrel for Controlled Reconstitution of Membrane Proteins. <i>Angewandte Chemie</i> , 2018, 130, .	2.0	0

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145	Frontispiece: Folding DNA into a Lipid-Conjugated Nanobarrel for Controlled Reconstitution of Membrane Proteins. <i>Angewandte Chemie - International Edition</i> , 2018, 57, .	13.8	0
146	Polyprotein Cross-linked Hydrogels with High Stretchability, Fracture Toughness and Low Hysteresis. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 1141-1142.	2.6	0