

Fuan Wang

List of Publications by Year in descending order

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142
papers

10,633
citations

29994

54
h-index

33814

99
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151
all docs

151
docs citations

151
times ranked

9149
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled Synthesis of Large Area and Patterned Electrochemically Reduced Graphene Oxide Films. Chemistry - A European Journal, 2009, 15, 6116-6120.	1.7	739
2	From Cascaded Catalytic Nucleic Acids to Enzyme-DNA Nanostructures: Controlling Reactivity, Sensing, Logic Operations, and Assembly of Complex Structures. Chemical Reviews, 2014, 114, 2881-2941.	23.0	573
3	DNA computing circuits using libraries of DNAzyme subunits. Nature Nanotechnology, 2010, 5, 417-422.	15.6	412
4	DNA Switches: From Principles to Applications. Angewandte Chemie - International Edition, 2015, 54, 1098-1129.	7.2	409
5	Graphene Oxide/Nucleic-Acid-Stabilized Silver Nanoclusters: Functional Hybrid Materials for Optical Aptamer Sensing and Multiplexed Analysis of Pathogenic DNAs. Journal of the American Chemical Society, 2013, 135, 11832-11839.	6.6	348
6	pH-Stimulated DNA Hydrogels Exhibiting Shape-Memory Properties. Advanced Materials, 2015, 27, 73-78.	11.1	328
7	Amplified Analysis of DNA by the Autonomous Assembly of Polymers Consisting of DNAzyme Wires. Journal of the American Chemical Society, 2011, 133, 17149-17151.	6.6	324
8	Amplified Detection of DNA through the Enzyme-Free Autonomous Assembly of Hemin/G-Quadruplex DNAzyme Nanowires. Analytical Chemistry, 2012, 84, 1042-1048.	3.2	309
9	DNAzyme-Loaded Metal-Organic Frameworks (MOFs) for Self-Sufficient Gene Therapy. Angewandte Chemie - International Edition, 2019, 58, 7380-7384.	7.2	291
10	Amplified Detection of DNA through an Autocatalytic and Catabolic DNAzyme-Mediated Process. Angewandte Chemie - International Edition, 2011, 50, 295-299.	7.2	187
11	Smart Mesoporous SiO ₂ Nanoparticles for the DNAzyme-Induced Multiplexed Release of Substrates. Journal of the American Chemical Society, 2013, 135, 1934-1940.	6.6	187
12	Construction of an enzyme-free concatenated DNA circuit for signal amplification and intracellular imaging. Chemical Science, 2018, 9, 5842-5849.	3.7	167
13	A Smart, Autocatalytic, DNAzyme Biocircuit for in Vivo, Amplified, MicroRNA Imaging. Angewandte Chemie - International Edition, 2020, 59, 5965-5971.	7.2	155
14	Cysteine-Mediated Aggregation of Au Nanoparticles: The Development of a H ₂ O ₂ Sensor and Oxidase-Based Biosensors. ACS Nano, 2013, 7, 7278-7286.	7.3	153
15	Construction of an autonomously concatenated hybridization chain reaction for signal amplification and intracellular imaging. Chemical Science, 2018, 9, 52-61.	3.7	146
16	Amplified and Multiplexed Detection of DNA Using the Dendritic Rolling Circle Amplified Synthesis of DNAzyme Reporter Units. Analytical Chemistry, 2014, 86, 1614-1621.	3.2	135
17	Nonviolent Self-Catabolic DNAzyme Nanosponges for Smart Anticancer Drug Delivery. ACS Nano, 2019, 13, 5852-5863.	7.3	133
18	Probing Biocatalytic Transformations with Luminescent DNA/Silver Nanoclusters. Nano Letters, 2013, 13, 309-314.	4.5	132

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19	MnO ₂ -Laden Black Phosphorus for MRI-Guided Synergistic PDT, PTT, and Chemotherapy. <i>Matter</i> , 2019, 1, 496-512.	5.0	130
20	Biocatalytic Release of an Anticancer Drug from Nucleic-Acids-Capped Mesoporous SiO ₂ Using DNA or Molecular Biomarkers as Triggering Stimuli. <i>ACS Nano</i> , 2013, 7, 8455-8468.	7.3	128
21	Integration of Photoswitchable Proteins, Photosynthetic Reaction Centers and Semiconductor/Biomolecule Hybrids with Electrode Supports for Optobioelectronic Applications. <i>Advanced Materials</i> , 2013, 25, 349-377.	11.1	124
22	Zn ²⁺ -Ligation DNAzyme-Driven Enzymatic and Nonenzymatic Cascades for the Amplified Detection of DNA. <i>Journal of the American Chemical Society</i> , 2012, 134, 10651-10658.	6.6	116
23	Switching Photonic and Electrochemical Functions of a DNAzyme by DNA Machines. <i>Nano Letters</i> , 2013, 13, 219-225.	4.5	111
24	Enzyme-Free Amplified Detection of DNA by an Autonomous Ligation DNAzyme Machinery. <i>Journal of the American Chemical Society</i> , 2012, 134, 5504-5507.	6.6	106
25	pH-Programmable DNA Logic Arrays Powered by Modular DNAzyme Libraries. <i>Nano Letters</i> , 2012, 12, 6049-6054.	4.5	105
26	Plasmonic and Photothermal Immunoassay via Enzyme-Triggered Crystal Growth on Gold Nanostars. <i>Analytical Chemistry</i> , 2019, 91, 2086-2092.	3.2	103
27	Adenosine Triphosphate-Triggered Release of Macromolecular and Nanoparticle Loads from Aptamer/DNA-Cross-Linked Microcapsules. <i>ACS Nano</i> , 2015, 9, 9078-9086.	7.3	98
28	Orthogonal Demethylase-Activated Deoxyribozyme for Intracellular Imaging and Gene Regulation. <i>Journal of the American Chemical Society</i> , 2021, 143, 6895-6904.	6.6	96
29	Multiplexed Analysis of Genes Using Nucleic Acid-Stabilized Silver-Nanocluster Quantum Dots. <i>ACS Nano</i> , 2014, 8, 11666-11673.	7.3	95
30	Versatile Catalytic Deoxyribozyme Vehicles for Multimodal Imaging-Guided Efficient Gene Regulation and Photothermal Therapy. <i>ACS Nano</i> , 2018, 12, 12888-12901.	7.3	94
31	Amplified MicroRNA Detection and Intracellular Imaging Based on an Autonomous and Catalytic Assembly of DNAzyme. <i>ACS Sensors</i> , 2019, 4, 110-117.	4.0	88
32	Programmed Dynamic Topologies in DNA Catenanes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2349-2353.	7.2	87
33	A DNAzyme-amplified DNA circuit for highly accurate microRNA detection and intracellular imaging. <i>Chemical Science</i> , 2019, 10, 9597-9604.	3.7	87
34	A sensitive NADH and glucose biosensor tuned by visible light based on thionine bridged carbon nanotubes and gold nanoparticles multilayer. <i>Biosensors and Bioelectronics</i> , 2008, 24, 951-957.	5.3	83
35	Stimuli-responsive multifunctional metal-organic framework nanoparticles for enhanced chemo-photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 994-1004.	2.9	83
36	A Smart Theranostic Nanocapsule for Spatiotemporally Programmable Photo-Gene Therapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21648-21655.	7.2	82

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37	A Self-Catabolic Multifunctional DNAzyme Nanosponge for Programmable Drug Delivery and Efficient Gene Silencing. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10766-10774.	7.2	81
38	A full-adder based on reconfigurable DNA-hairpin inputs and DNAzyme computing modules. <i>Chemical Science</i> , 2014, 5, 3381.	3.7	80
39	Programmed DNAzyme-Triggered Dissolution of DNA-Based Hydrogels: Means for Controlled Release of Biocatalysts and for the Activation of Enzyme Cascades. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 8923-8931.	4.0	80
40	Autonomous Replication of Nucleic Acids by Polymerization/Nicking Enzyme/DNAzyme Cascades for the Amplified Detection of DNA and the Aptamer-Cocaine Complex. <i>Analytical Chemistry</i> , 2013, 85, 8196-8203.	3.2	78
41	Construction of an Autonomous Nonlinear Hybridization Chain Reaction for Extracellular Vesicles-Associated MicroRNAs Discrimination. <i>Analytical Chemistry</i> , 2019, 91, 10172-10179.	3.2	78
42	Programmable intracellular DNA biocomputing circuits for reliable cell recognitions. <i>Chemical Science</i> , 2019, 10, 2989-2997.	3.7	78
43	Development of functional black phosphorus nanosheets with remarkable catalytic and antibacterial performance. <i>Nanoscale</i> , 2018, 10, 10428-10435.	2.8	77
44	Silver-Laden Black Phosphorus Nanosheets for an Efficient In Vivo Antimicrobial Application. <i>Small</i> , 2020, 16, e1905938.	5.2	76
45	Methylene blue as an indicator for sensitive electrochemical detection of adenosine based on aptamer switch. <i>Journal of Electroanalytical Chemistry</i> , 2009, 626, 1-5.	1.9	74
46	Au nanoparticles grafted sandwich platform used amplified small molecule electrochemical aptasensor. <i>Biosensors and Bioelectronics</i> , 2009, 24, 1979-1983.	5.3	73
47	An intelligent ZIF-8-gated polydopamine nanoplatform for <i>in vivo</i> cooperatively enhanced combination phototherapy. <i>Chemical Science</i> , 2020, 11, 1649-1656.	3.7	69
48	A biofuel cell with enhanced performance by multilayer biocatalyst immobilized on highly ordered macroporous electrode. <i>Biosensors and Bioelectronics</i> , 2008, 24, 329-333.	5.3	66
49	Detection of Metal Ions (Cu^{2+} , Hg^{2+}) and Cocaine by Using Ligation DNAzyme Machinery. <i>Chemistry - A European Journal</i> , 2012, 18, 16030-16036.	1.7	66
50	High-efficiency and integrable DNA arithmetic and logic system based on strand displacement synthesis. <i>Nature Communications</i> , 2019, 10, 5390.	5.8	64
51	DNAzyme-Loaded Metal-Organic Frameworks (MOFs) for Self-Sufficient Gene Therapy. <i>Angewandte Chemie</i> , 2019, 131, 7458-7462.	1.6	63
52	Electrochemiluminescence detection of NADH and ethanol based on partial sulfonation of sol-gel network with gold nanoparticles. <i>Biosensors and Bioelectronics</i> , 2009, 24, 2273-2276.	5.3	59
53	Nucleic Acid Driven DNA Machineries Synthesizing Mg^{2+} -Dependent DNAzymes: An Interplay between DNA Sensing and Logic-Gate Operations. <i>Chemistry - A European Journal</i> , 2012, 18, 14689-14694.	1.7	58
54	Electrodissolution of Inorganic Ions/DNA Multilayer Film for Tunable DNA Release. <i>Biomacromolecules</i> , 2008, 9, 2645-2652.	2.6	56

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55	A proteinase-free DNA replication machinery for in vitro and in vivo amplified MicroRNA imaging. <i>Nucleic Acids Research</i> , 2020, 48, e60-e60.	6.5	55
56	Facile Assembly of Multifunctional Antibacterial Nanoplatform Leveraging Synergistic Sensitization between Silver Nanostructure and Vancomycin. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 6955-6965.	4.0	53
57	Construction of an Autocatalytic Hybridization Assembly Circuit for Amplified <i>In Vivo</i> MicroRNA Imaging. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	52
58	Switchable Enzyme/DNAzyme Cascades by the Reconfiguration of DNA Nanostructures. <i>Chemistry - A European Journal</i> , 2014, 20, 16203-16209.	1.7	50
59	A DNAzyme-powered cross-catalytic circuit for amplified intracellular imaging. <i>Chemical Communications</i> , 2019, 55, 6519-6522.	2.2	49
60	Engineering Inorganic Nanoflakes with Elaborate Enzymatic Specificity and Efficiency for Versatile Biofilm Eradication. <i>Small</i> , 2020, 16, e2002348.	5.2	49
61	Multifunctional siRNA-Laden Hybrid Nanoplatform for Noninvasive PA/IR Dual-Modal Imaging-Guided Enhanced Photogenetherapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 22613-22623.	4.0	49
62	Evaluation of DNA Methyltransferase Activity and Inhibition via Isothermal Enzyme-Free Concatenated Hybridization Chain Reaction. <i>ACS Sensors</i> , 2017, 2, 932-939.	4.0	47
63	Sensitive Biomimetic Sensor Based on Molecular Imprinting at Functionalized Indium Tin Oxide Electrodes. <i>Electroanalysis</i> , 2007, 19, 1655-1660.	1.5	46
64	Self-Assembly of Luminescent Ag Nanocluster-Functionalized Nanowires. <i>Langmuir</i> , 2013, 29, 13066-13071.	1.6	46
65	DNA nanotechnology with one-dimensional self-assembled nanostructures. <i>Current Opinion in Biotechnology</i> , 2013, 24, 562-574.	3.3	45
66	Functionalized single-walled carbon nanohorns for electrochemical biosensing. <i>Biosensors and Bioelectronics</i> , 2010, 25, 2194-2199.	5.3	44
67	Multiplexed Analysis of Genes and of Metal Ions Using Enzyme/DNAzyme Amplification Machineries. <i>Analytical Chemistry</i> , 2014, 86, 11326-11333.	3.2	44
68	Construction of an Exonuclease III-Propelled Integrated DNAzyme Amplifier for Highly Efficient microRNA Detection and Intracellular Imaging with Ultralow Background. <i>Analytical Chemistry</i> , 2020, 92, 15069-15078.	3.2	43
69	A smart multiantenna gene theranostic system based on the programmed assembly of hypoxia-related siRNAs. <i>Nature Communications</i> , 2021, 12, 3953.	5.8	41
70	Molecular "Wiring" of Glucose Oxidase in Supramolecular Architecture. <i>Biomacromolecules</i> , 2007, 8, 2063-2071.	2.6	40
71	Selective electrodisolution of inorganic ions/DNA multilayer film for tunable DNA release. <i>Journal of Materials Chemistry</i> , 2009, 19, 286-291.	6.7	39
72	Lighting Up Fluorescent Silver Clusters via Target-Catalyzed Hairpin Assembly for Amplified Biosensing. <i>Langmuir</i> , 2018, 34, 14851-14857.	1.6	38

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73	Highly sensitive glutathione assay and intracellular imaging with functionalized semiconductor quantum dots. <i>Nanoscale</i> , 2019, 11, 5014-5020.	2.8	38
74	Layer-by-layer assembly of biologically inert inorganic ions/DNA multilayer films for tunable DNA release by chelation. <i>Journal of Controlled Release</i> , 2008, 132, 65-73.	4.8	37
75	Gated Mesoporous SiO ₂ Nanoparticles Using K ⁺ -Stabilized Gâ€Quadruplexes. <i>Advanced Functional Materials</i> , 2014, 24, 5662-5670.	7.8	37
76	Electrochemical Biosensor for MicroRNA Detection Based on Cascade Hybridization Chain Reaction. <i>ChemElectroChem</i> , 2018, 5, 1380-1386.	1.7	37
77	Bioorthogonal regulation of DNA circuits for smart intracellular microRNA imaging. <i>Chemical Science</i> , 2021, 12, 15710-15718.	3.7	36
78	Singleâ€Molecule Visualization of the Activity of a Zn ²⁺ -Dependent DNAzyme. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10550-10554.	7.2	35
79	A C-HCR assembly of branched DNA nanostructures for amplified uracil-DNA glycosylase assays. <i>Chemical Communications</i> , 2017, 53, 12878-12881.	2.2	35
80	An Autonomous Nonenzymatic Concatenated DNA Circuit for Amplified Imaging of Intracellular ATP. <i>Analytical Chemistry</i> , 2019, 91, 15229-15234.	3.2	35
81	Amplified optical aptasensors through the endonuclease-stimulated regeneration of the analyte. <i>Chemical Science</i> , 2012, 3, 2616.	3.7	34
82	Precision Spherical Nucleic Acids Enable Sensitive FEN1 Imaging and Controllable Drug Delivery for Cancer-Specific Therapy. <i>Analytical Chemistry</i> , 2021, 93, 11275-11283.	3.2	34
83	Multifunctional DNAzyme-Anchored Metalâ€Organic Framework for Efficient Suppression of Tumor Metastasis. <i>ACS Nano</i> , 2022, 16, 5404-5417.	7.3	34
84	DNA-Based Machines. <i>Topics in Current Chemistry</i> , 2014, 354, 279-338.	4.0	33
85	Highly Sensitive Assay of Methyltransferase Activity Based on an Autonomous Concatenated DNA Circuit. <i>ACS Sensors</i> , 2018, 3, 2359-2366.	4.0	33
86	Assembly-enhanced fluorescence from metal nanoclusters and quantum dots for highly sensitive biosensing. <i>Sensors and Actuators B: Chemical</i> , 2019, 279, 334-341.	4.0	33
87	Construction of an Enzyme-Free Initiator-Replicated Hybridization Chain Reaction Circuit for Amplified Methyltransferase Evaluation and Inhibitor Assay. <i>Analytical Chemistry</i> , 2021, 93, 2403-2410.	3.2	33
88	A Smart, Autocatalytic, DNAzyme Biocircuit for inâ€Vivo, Amplified, MicroRNA Imaging. <i>Angewandte Chemie</i> , 2020, 132, 6021-6027.	1.6	31
89	pH-controlled release of substrates from mesoporous SiO ₂ nanoparticles gated by metal ion-dependent DNAzymes. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4449-4455.	2.9	30
90	Enhanced Immunostimulatory Activity of a Cytosine-Phosphate-Guanosine Immunomodulator by the Assembly of Polymer DNA Wires and Spheres. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 17167-17176.	4.0	30

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91	Surface plasmon resonance and electrochemistry characterization of layer-by-layer self-assembled DNA and Zr ⁴⁺ thin films, and their interaction with cytochrome c. <i>Talanta</i> , 2007, 74, 104-109.	2.9	29
92	High-performance biosensing based on autonomous enzyme-free DNA circuits. <i>Topics in Current Chemistry</i> , 2020, 378, 20.	3.0	29
93	A Deoxyribozyme-Initiated Self-Catalytic DNA Machine for Amplified Live-Cell Imaging of MicroRNA. <i>Analytical Chemistry</i> , 2021, 93, 11052-11059.	3.2	28
94	A Cooperatively Activatable DNA Nanoprobe for Cancer Cell-Selective Imaging of ATP. <i>Analytical Chemistry</i> , 2021, 93, 13960-13966.	3.2	28
95	Layer-by-layer assembly of functional silica and Au nanoparticles for fabricating electrogenerated chemiluminescence sensor. <i>Electrochimica Acta</i> , 2008, 53, 6423-6427.	2.6	27
96	Light-induced and redox-triggered uptake and release of substrates to and from mesoporous SiO ₂ nanoparticles. <i>Journal of Materials Chemistry B</i> , 2013, 1, 3159.	2.9	27
97	Acid-improved DNAzyme-based chemiluminescence miRNA assay coupled with enzyme-free concatenated DNA circuit. <i>Biosensors and Bioelectronics</i> , 2022, 204, 114060.	5.3	27
98	Boolean logic gates based on oxygen-controlled biofuel cell in α -one pot. <i>Electrochimica Acta</i> , 2011, 56, 4112-4118.	2.6	26
99	Addressing, amplifying and switching DNAzyme functions by electrochemically-triggered release of metal ions. <i>Chemical Science</i> , 2015, 6, 3544-3549.	3.7	26
100	Adaption of an autonomously cascade DNA circuit for amplified detection and intracellular imaging of polynucleotide kinase with ultralow background. <i>Biosensors and Bioelectronics</i> , 2020, 152, 111994.	5.3	26
101	An Isothermal Autocatalytic Hybridization Reaction Circuit for Sensitive Detection of DNA Methyltransferase and Inhibitors Assay. <i>Analytical Chemistry</i> , 2022, 94, 4495-4503.	3.2	24
102	Electrochemical surface plasmon resonance detection of enzymatic reaction in bilayer lipid membranes. <i>Talanta</i> , 2008, 75, 666-670.	2.9	23
103	Visualization of Vaccine Dynamics with Quantum Dots for Immunotherapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24275-24283.	7.2	22
104	Intelligent demethylase-driven DNAzyme sensor for highly reliable metal-ion imaging in living cells. <i>Chemical Science</i> , 2021, 12, 15339-15346.	3.7	21
105	Boosting Cancer Immunotherapy via the Convenient A2AR Inhibition Using a Tunable Nanocatalyst with Light-Enhanced Activity. <i>Advanced Materials</i> , 2022, 34, e2106967.	11.1	21
106	Construction of an endogenously activated catalytic DNA circuit for highly robust in vivo microRNA imaging. <i>Nano Today</i> , 2022, 45, 101553.	6.2	21
107	Multifunctional Hypoxia-Involved Gene Silencing Nanoplatfrom for Sensitizing Photochemotherapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 34588-34598.	4.0	20
108	Cascaded Amplifier Nanoreactor for Efficient Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 16075-16083.	4.0	20

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109	Real-Time Investigation of Intracellular Polynucleotide Kinase Using a Cascaded Amplification Circuit. <i>Analytical Chemistry</i> , 2021, 93, 15559-15566.	3.2	20
110	Multiply Guaranteed and Successively Amplified Activation of a Catalytic DNA Machine for Highly Efficient Intracellular Imaging of MicroRNA. <i>Small</i> , 2022, 18, .	5.2	20
111	A Smart Theranostic Nanocapsule for Spatiotemporally Programmable PhotoGene Therapy. <i>Angewandte Chemie</i> , 2020, 132, 21832-21839.	1.6	19
112	Construction of Smart StimuliResponsive DNA Nanostructures for Biomedical Applications. <i>Chemistry - A European Journal</i> , 2021, 27, 3929-3943.	1.7	19
113	Enzyme-Free Autocatalysis-Driven Feedback DNA Circuits for Amplified Aptasensing of Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 5080-5089.	4.0	19
114	Assembly process of CuHCF/MPA multilayers on gold nanoparticles modified electrode and characterization by electrochemical SPR. <i>Journal of Electroanalytical Chemistry</i> , 2007, 600, 265-274.	1.9	18
115	Interfacial engineering of carbon dots with benzenediboric acid for fluorescent biosensing. <i>Nanoscale Advances</i> , 2019, 1, 765-771.	2.2	18
116	A Bionanozyme with Ultrahigh Activity Enables Spatiotemporally Controlled Reactive Oxygen Species Generation for Cancer Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2104100.	7.8	18
117	Nanoparticle-amplified surface plasmon resonance study of protein conformational change at interface. <i>Talanta</i> , 2008, 77, 628-634.	2.9	17
118	Spatiotemporally Tracking the Programmable Mitochondrial Membrane Potential Evolutions by a Robust Molecular Rotor. <i>Small</i> , 2019, 15, 1903266.	5.2	17
119	Autocatalytic DNAzyme assembly for amplified intracellular imaging. <i>Chemical Communications</i> , 2020, 56, 11410-11413.	2.2	17
120	AuAg bimetallic nanoparticles film fabricated based on H ₂ O ₂ -mediated silver reduction and its application. <i>Talanta</i> , 2010, 82, 113-117.	2.9	16
121	Modular Assembly of a Concatenated DNA Circuit for In Vivo Amplified Aptasensing. <i>Small</i> , 2022, 18, e2200983.	5.2	15
122	Electrochemical Thinning of Thicker Gold Film with Qualified Thickness for Surface Plasmon Resonance Sensing. <i>Analytical Chemistry</i> , 2005, 77, 5760-5765.	3.2	13
123	Surface plasmon resonance and electrochemistry for detection of small molecules using catalyzed deposition of metal ions on gold substrate. <i>Electrochemistry Communications</i> , 2007, 9, 343-347.	2.3	13
124	Effective nanotherapeutic approach for metastatic breast cancer treatment by supplemental oxygenation and imaging-guided phototherapy. <i>Nano Research</i> , 2020, 13, 1111-1121.	5.8	12
125	A SelfCatabolic Multifunctional DNAzyme Nanosponge for Programmable Drug Delivery and Efficient Gene Silencing. <i>Angewandte Chemie</i> , 2021, 133, 10861-10869.	1.6	12
126	A dynamic DNA nanosponge for triggered amplification of gene-photodynamic modulation. <i>Chemical Science</i> , 2022, 13, 5155-5163.	3.7	12

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127	pH-controlled DNAzymes: Rational design and their applications in DNA-machinery devices. <i>Nano Research</i> , 2016, 9, 3084-3092.	5.8	11
128	Construction of a Homogeneous Enzyme-Free Autocatalytic Nucleic Acid Machinery for High-Performance Intracellular Imaging of MicroRNA. <i>CCS Chemistry</i> , 2022, 4, 3549-3562.	4.6	11
129	The construction of DNAzyme-based logic gates for amplified microRNA detection and cancer recognition. <i>Analyst</i> , The, 2019, 144, 7278-7282.	1.7	10
130	An Autocatalytic DNA Circuit Based on Hybridization Chain Assembly for Intracellular Imaging of Polynucleotide Kinase. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 31727-31736.	4.0	10
131	Self-Assembly of Gold Nanoparticles/Electroactive Polyelectrolyte Multilayer Films for Tunable Electrocatalysis. <i>Electroanalysis</i> , 2010, 22, 963-968.	1.5	9
132	An efficient photochemotherapy nanoplatfrom based on the endogenous biosynthesis of photosensitizer in macrophage-derived extracellular vesicles. <i>Biomaterials</i> , 2021, 279, 121234.	5.7	7
133	Construction of an Autocatalytic Hybridization Assembly Circuit for Amplified <i>In Vivo</i> MicroRNA Imaging. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	7
134	Multiple Blockades of the HGF/Met Signaling Pathway for Metastasis Suppression Using Nanoinhibitors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 30350-30358.	4.0	5
135	Bio-inspired dynamic biomolecule assembling for fine regulation of protein activity. <i>Chemical Communications</i> , 2021, 57, 11205-11208.	2.2	3
136	Visualization of Vaccine Dynamics with Quantum Dots for Immunotherapy. <i>Angewandte Chemie</i> , 2021, 133, 24477-24485.	1.6	3
137	Modulation of Oxidative Stress in Cancer Cells with a Biomineralized Converter. , 2021, 3, 1778-1785.		3
138	Innentitelbild: Programmed Dynamic Topologies in DNA Catenanes (<i>Angew. Chem.</i> 10/2012). <i>Angewandte Chemie</i> , 2012, 124, 2302-2302.	1.6	1
139	Inside Cover: Programmed Dynamic Topologies in DNA Catenanes (<i>Angew. Chem. Int. Ed.</i> 10/2012). <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2256-2256.	7.2	1
140	Frontispiece: Construction of Smart Stimuli-Responsive DNA Nanostructures for Biomedical Applications. <i>Chemistry - A European Journal</i> , 2021, 27, .	1.7	1
141	Alternative DNA Structures, Switches and Nanomachines. , 2015, , 329-490.		0
142	High-performance biosensing based on autonomous enzyme-free DNA circuits. <i>Topics in Current Chemistry Collections</i> , 2020, , 345-376.	0.2	0