

Fuan Wang

List of Publications by Year in descending order

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142
papers

10,633
citations

29994

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151
docs citations

151
times ranked

9149
citing authors

#	ARTICLE	IF	CITATIONS
1	Enzyme-Free Autocatalysis-Driven Feedback DNA Circuits for Amplified Aptasensing of Living Cells. ACS Applied Materials & Interfaces, 2022, 14, 5080-5089.	4.0	19
2	Construction of an Autocatalytic Hybridization Assembly Circuit for Amplified <i>In Vivo</i> MicroRNA Imaging. Angewandte Chemie - International Edition, 2022, 61, .	7.2	52
3	Construction of an Autocatalytic Hybridization Assembly Circuit for Amplified <i>In Vivo</i> MicroRNA Imaging. Angewandte Chemie, 2022, 134, .	1.6	7
4	Boosting Cancer Immunotherapy via the Convenient A2AR Inhibition Using a Tunable Nanocatalyst with Light-Enhanced Activity. Advanced Materials, 2022, 34, e2106967.	11.1	21
5	Construction of a Homogeneous Enzyme-Free Autocatalytic Nucleic Acid Machinery for High-Performance Intracellular Imaging of MicroRNA. CCS Chemistry, 2022, 4, 3549-3562.	4.6	11
6	Acid-improved DNAzyme-based chemiluminescence miRNA assay coupled with enzyme-free concatenated DNA circuit. Biosensors and Bioelectronics, 2022, 204, 114060.	5.3	27
7	A dynamic DNA nanosponge for triggered amplification of gene-photodynamic modulation. Chemical Science, 2022, 13, 5155-5163.	3.7	12
8	An Isothermal Autocatalytic Hybridization Reaction Circuit for Sensitive Detection of DNA Methyltransferase and Inhibitors Assay. Analytical Chemistry, 2022, 94, 4495-4503.	3.2	24
9	Multifunctional DNAzyme-Anchored Metal-Organic Framework for Efficient Suppression of Tumor Metastasis. ACS Nano, 2022, 16, 5404-5417.	7.3	34
10	Modular Assembly of a Concatenated DNA Circuit for In Vivo Amplified Aptasensing. Small, 2022, 18, e2200983.	5.2	15
11	An Autocatalytic DNA Circuit Based on Hybridization Chain Assembly for Intracellular Imaging of Polynucleotide Kinase. ACS Applied Materials & Interfaces, 2022, 14, 31727-31736.	4.0	10
12	Multiply Guaranteed and Successively Amplified Activation of a Catalytic DNA Machine for Highly Efficient Intracellular Imaging of MicroRNA. Small, 2022, 18, .	5.2	20
13	Construction of an endogenously activated catalytic DNA circuit for highly robust in vivo microRNA imaging. Nano Today, 2022, 45, 101553.	6.2	21
14	Construction of Smart Stimuli-Responsive DNA Nanostructures for Biomedical Applications. Chemistry - A European Journal, 2021, 27, 3929-3943.	1.7	19
15	Bio-inspired dynamic biomolecule assembling for fine regulation of protein activity. Chemical Communications, 2021, 57, 11205-11208.	2.2	3
16	Frontispiece: Construction of Smart Stimuli-Responsive DNA Nanostructures for Biomedical Applications. Chemistry - A European Journal, 2021, 27, .	1.7	1
17	A Self-Catabolic Multifunctional DNAzyme Nanosponge for Programmable Drug Delivery and Efficient Gene Silencing. Angewandte Chemie - International Edition, 2021, 60, 10766-10774.	7.2	81
18	Cascaded Amplifier Nanoreactor for Efficient Photodynamic Therapy. ACS Applied Materials & Interfaces, 2021, 13, 16075-16083.	4.0	20

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19	A Self-Catabolic Multifunctional DNAzyme Nanosponge for Programmable Drug Delivery and Efficient Gene Silencing. <i>Angewandte Chemie</i> , 2021, 133, 10861-10869.	1.6	12
20	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
21	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
22	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
23	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
24	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
25	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
26	Visualization of Vaccine Dynamics with Quantum Dots for Immunotherapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24275-24283.	7.2	22
27	Visualization of Vaccine Dynamics with Quantum Dots for Immunotherapy. <i>Angewandte Chemie</i> , 2021, 133, 24477-24485.	1.6	3
28	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
29	A Cooperatively Activatable DNA Nanoprobe for Cancer Cell-Selective Imaging of ATP. <i>Analytical Chemistry</i> , 2021, 93, 13960-13966.	3.2	28
30	An efficient photochemotherapy nanoplatform based on the endogenous biosynthesis of photosensitizer in macrophage-derived extracellular vesicles. <i>Biomaterials</i> , 2021, 279, 121234.	5.7	7
31	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
32	Bioorthogonal regulation of DNA circuits for smart intracellular microRNA imaging. <i>Chemical Science</i> , 2021, 12, 15710-15718.	3.7	36
33	Real-Time Investigation of Intracellular Polynucleotide Kinase Using a Cascaded Amplification Circuit. <i>Analytical Chemistry</i> , 2021, 93, 15559-15566.	3.2	20
34	Modulation of Oxidative Stress in Cancer Cells with a Biomineralized Converter. , 2021, 3, 1778-1785.		3
35	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
36	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

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37	A Smart Theranostic Nanocapsule for Spatiotemporally Programmable PhotoGene Therapy. <i>Angewandte Chemie</i> , 2020, 132, 21832-21839.	1.6	19
38	A Smart Theranostic Nanocapsule for Spatiotemporally Programmable PhotoGene Therapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21648-21655.	7.2	82
39	Engineering Inorganic Nanoflakes with Elaborate Enzymatic Specificity and Efficiency for Versatile Biofilm Eradication. <i>Small</i> , 2020, 16, e2002348.	5.2	49
40	Autocatalytic DNAzyme assembly for amplified intracellular imaging. <i>Chemical Communications</i> , 2020, 56, 11410-11413.	2.2	17
41	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
42	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
43	Multifunctional Hypoxia-Involved Gene Silencing Nanoplatfor for Sensitizing Photochemotherapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 34588-34598.	4.0	20
44	SilverLaden Black Phosphorus Nanosheets for an Efficient In Vivo Antimicrobial Application. <i>Small</i> , 2020, 16, e1905938.	5.2	76
45	A Smart, Autocatalytic, DNAzyme Biocircuit for in Vivo, Amplified, MicroRNA Imaging. <i>Angewandte Chemie</i> , 2020, 132, 6021-6027.	1.6	31
46	Facile Assembly of Multifunctional Antibacterial Nanoplatfor Leveraging Synergistic Sensitization between Silver Nanostructure and Vancomycin. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 6955-6965.	4.0	53
47	A Smart, Autocatalytic, DNAzyme Biocircuit for in Vivo, Amplified, MicroRNA Imaging. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5965-5971.	7.2	155
48	High-performance biosensing based on autonomous enzyme-free DNA circuits. <i>Topics in Current Chemistry</i> , 2020, 378, 20.	3.0	29
49	Multifunctional siRNA-Laden Hybrid Nanoplatfor for Noninvasive PA/IR Dual-Modal Imaging-Guided Enhanced Photogenetherapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 22613-22623.	4.0	49
50	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
51	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
52	High-performance biosensing based on autonomous enzyme-free DNA circuits. <i>Topics in Current Chemistry Collections</i> , 2020, , 345-376.	0.2	0
53	Spatiotemporally Tracking the Programmable Mitochondrial Membrane Potential Evolutions by a Robust Molecular Rotor. <i>Small</i> , 2019, 15, 1903266.	5.2	17
54	MnO ₂ -Laden Black Phosphorus for MRI-Guided Synergistic PDT, PTT, and Chemotherapy. <i>Matter</i> , 2019, 1, 496-512.	5.0	130

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55	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
56	An Autonomous Nonenzymatic Concatenated DNA Circuit for Amplified Imaging of Intracellular ATP. <i>Analytical Chemistry</i> , 2019, 91, 15229-15234.	3.2	35
57	A DNAzyme-amplified DNA circuit for highly accurate microRNA detection and intracellular imaging. <i>Chemical Science</i> , 2019, 10, 9597-9604.	3.7	87
58	Programmable intracellular DNA biocomputing circuits for reliable cell recognitions. <i>Chemical Science</i> , 2019, 10, 2989-2997.	3.7	78
59	Interfacial engineering of carbon dots with benzenediboronic acid for fluorescent biosensing. <i>Nanoscale Advances</i> , 2019, 1, 765-771.	2.2	18
60	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
61	A DNAzyme-powered cross-catalytic circuit for amplified intracellular imaging. <i>Chemical Communications</i> , 2019, 55, 6519-6522.	2.2	49
62	Nonviolent Self-Catabolic DNAzyme Nanosponges for Smart Anticancer Drug Delivery. <i>ACS Nano</i> , 2019, 13, 5852-5863.	7.3	133
63	DNAzyme-Loaded Metal-Organic Frameworks (MOFs) for Self-Sufficient Gene Therapy. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7380-7384.	7.2	291
64	DNAzyme-Loaded Metal-Organic Frameworks (MOFs) for Self-Sufficient Gene Therapy. <i>Angewandte Chemie</i> , 2019, 131, 7458-7462.	1.6	63
65	Highly sensitive glutathione assay and intracellular imaging with functionalized semiconductor quantum dots. <i>Nanoscale</i> , 2019, 11, 5014-5020.	2.8	38
66	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
67	High-efficiency and integrable DNA arithmetic and logic system based on strand displacement synthesis. <i>Nature Communications</i> , 2019, 10, 5390.	5.8	64
68	Plasmonic and Photothermal Immunoassay via Enzyme-Triggered Crystal Growth on Gold Nanostars. <i>Analytical Chemistry</i> , 2019, 91, 2086-2092.	3.2	103
69	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
70	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
71	Development of functional black phosphorus nanosheets with remarkable catalytic and antibacterial performance. <i>Nanoscale</i> , 2018, 10, 10428-10435.	2.8	77
72	Electrochemical Biosensor for MicroRNA Detection Based on Cascade Hybridization Chain Reaction. <i>ChemElectroChem</i> , 2018, 5, 1380-1386.	1.7	37

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73	Construction of an autonomously concatenated hybridization chain reaction for signal amplification and intracellular imaging. <i>Chemical Science</i> , 2018, 9, 52-61.	3.7	146
74	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
75	Highly Sensitive Assay of Methyltransferase Activity Based on an Autonomous Concatenated DNA Circuit. <i>ACS Sensors</i> , 2018, 3, 2359-2366.	4.0	33
76	Lighting Up Fluorescent Silver Clusters via Target-Catalyzed Hairpin Assembly for Amplified Biosensing. <i>Langmuir</i> , 2018, 34, 14851-14857.	1.6	38
77	Construction of an enzyme-free concatenated DNA circuit for signal amplification and intracellular imaging. <i>Chemical Science</i> , 2018, 9, 5842-5849.	3.7	167
78	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
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	pH-controlled DNAzymes: Rational design and their applications in DNA-machinery devices. <i>Nano Research</i> , 2016, 9, 3084-3092.	5.8	11
81	Alternative DNA Structures, Switches and Nanomachines. , 2015, , 329-490.		0
82	Single-Molecule Visualization of the Activity of a Zn ²⁺ -Dependent DNAzyme. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10550-10554.	7.2	35
83	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
84	Addressing, amplifying and switching DNAzyme functions by electrochemically-triggered release of metal ions. <i>Chemical Science</i> , 2015, 6, 3544-3549.	3.7	26
85	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
86	DNA Switches: From Principles to Applications. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1098-1129.	7.2	409
87	pH-Stimulated DNA Hydrogels Exhibiting Shape-Memory Properties. <i>Advanced Materials</i> , 2015, 27, 73-78.	11.1	328
88	DNA-Based Machines. <i>Topics in Current Chemistry</i> , 2014, 354, 279-338.	4.0	33
89	Multiplexed Analysis of Genes and of Metal Ions Using Enzyme/DNAzyme Amplification Machineries. <i>Analytical Chemistry</i> , 2014, 86, 11326-11333.	3.2	44
90	Gated Mesoporous SiO ₂ Nanoparticles Using K ⁺ -Stabilized G-Quadruplexes. <i>Advanced Functional Materials</i> , 2014, 24, 5662-5670.	7.8	37

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91	A full-adder based on reconfigurable DNA-hairpin inputs and DNAzyme computing modules. <i>Chemical Science</i> , 2014, 5, 3381.	3.7	80
92	Multiplexed Analysis of Genes Using Nucleic Acid-Stabilized Silver-Nanocluster Quantum Dots. <i>ACS Nano</i> , 2014, 8, 11666-11673.	7.3	95
93	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
94	Amplified and Multiplexed Detection of DNA Using the Dendritic Rolling Circle Amplified Synthesis of DNAzyme Reporter Units. <i>Analytical Chemistry</i> , 2014, 86, 1614-1621.	3.2	135
95	From Cascaded Catalytic Nucleic Acids to Enzyme- <i>“</i> DNA Nanostructures: Controlling Reactivity, Sensing, Logic Operations, and Assembly of Complex Structures. <i>Chemical Reviews</i> , 2014, 114, 2881-2941.	23.0	573
96	Switchable Enzyme/DNAzyme Cascades by the Reconfiguration of DNA Nanostructures. <i>Chemistry - A European Journal</i> , 2014, 20, 16203-16209.	1.7	50
97	Graphene Oxide/Nucleic-Acid-Stabilized Silver Nanoclusters: Functional Hybrid Materials for Optical Aptamer Sensing and Multiplexed Analysis of Pathogenic DNAs. <i>Journal of the American Chemical Society</i> , 2013, 135, 11832-11839.	6.6	348
98	Cysteine-Mediated Aggregation of Au Nanoparticles: The Development of a H ₂ O ₂ Sensor and Oxidase-Based Biosensors. <i>ACS Nano</i> , 2013, 7, 7278-7286.	7.3	153
99	DNA nanotechnology with one-dimensional self-assembled nanostructures. <i>Current Opinion in Biotechnology</i> , 2013, 24, 562-574.	3.3	45
100	Probing Biocatalytic Transformations with Luminescent DNA/Silver Nanoclusters. <i>Nano Letters</i> , 2013, 13, 309-314.	4.5	132
101	Autonomous Replication of Nucleic Acids by Polymerization/Nicking Enzyme/DNAzyme Cascades for the Amplified Detection of DNA and the Aptamer- <i>“</i> Cocaine Complex. <i>Analytical Chemistry</i> , 2013, 85, 8196-8203.	3.2	78
102	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
103	Self-Assembly of Luminescent Ag Nanocluster-Functionalized Nanowires. <i>Langmuir</i> , 2013, 29, 13066-13071.	1.6	46
104	Switching Photonic and Electrochemical Functions of a DNAzyme by DNA Machines. <i>Nano Letters</i> , 2013, 13, 219-225.	4.5	111
105	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
106	Smart Mesoporous SiO ₂ Nanoparticles for the DNAzyme-Induced Multiplexed Release of Substrates. <i>Journal of the American Chemical Society</i> , 2013, 135, 1934-1940.	6.6	187
107	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
108	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

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109	pH-Programmable DNA Logic Arrays Powered by Modular DNAzyme Libraries. <i>Nano Letters</i> , 2012, 12, 6049-6054.	4.5	105
110	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
111	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
112	Amplified Detection of DNA through the Enzyme-Free Autonomous Assembly of Hemin/G-Quadruplex DNAzyme Nanowires. <i>Analytical Chemistry</i> , 2012, 84, 1042-1048.	3.2	309
113	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
114	Amplified optical aptasensors through the endonuclease-stimulated regeneration of the analyte. <i>Chemical Science</i> , 2012, 3, 2616.	3.7	34
115	Innentitelbild: Programmed Dynamic Topologies in DNA Catenanes (<i>Angew. Chem.</i> 10/2012). <i>Angewandte Chemie</i> , 2012, 124, 2302-2302.	1.6	1
116	Programmed Dynamic Topologies in DNA Catenanes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2349-2353.	7.2	87
117	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
118	Amplified Analysis of DNA by the Autonomous Assembly of Polymers Consisting of DNAzyme Wires. <i>Journal of the American Chemical Society</i> , 2011, 133, 17149-17151.	6.6	324
119	Amplified Detection of DNA through an Autocatalytic and Catabolic DNAzyme-Mediated Process. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 295-299.	7.2	187
120	Boolean logic gates based on oxygen-controlled biofuel cell in μ one pot. <i>Electrochimica Acta</i> , 2011, 56, 4112-4118.	2.6	26
121	Self-Assembly of Gold Nanoparticles/Electroactive Polyelectrolyte Multilayer Films for Tunable Electrocatalysis. <i>Electroanalysis</i> , 2010, 22, 963-968.	1.5	9
122	Functionalized single-walled carbon nanohorns for electrochemical biosensing. <i>Biosensors and Bioelectronics</i> , 2010, 25, 2194-2199.	5.3	44
123	DNA computing circuits using libraries of DNAzyme subunits. <i>Nature Nanotechnology</i> , 2010, 5, 417-422.	15.6	412
124	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
125	Controlled Synthesis of Large-Area and Patterned Electrochemically Reduced Graphene Oxide Films. <i>Chemistry - A European Journal</i> , 2009, 15, 6116-6120.	1.7	739
126	Au nanoparticles grafted sandwich platform used amplified small molecule electrochemical aptasensor. <i>Biosensors and Bioelectronics</i> , 2009, 24, 1979-1983.	5.3	73

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127	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
128	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
129	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
130	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
131	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
132	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
133	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
134	Electrochemical surface plasmon resonance detection of enzymatic reaction in bilayer lipid membranes. <i>Talanta</i> , 2008, 75, 666-670.	2.9	23
135	Nanoparticle-amplified surface plasmon resonance study of protein conformational change at interface. <i>Talanta</i> , 2008, 77, 628-634.	2.9	17
136	Electrodisolution of Inorganic Ions/DNA Multilayer Film for Tunable DNA Release. <i>Biomacromolecules</i> , 2008, 9, 2645-2652.	2.6	56
137	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
138	Molecular Wire-Glucose Oxidase in Supramolecular Architecture. <i>Biomacromolecules</i> , 2007, 8, 2063-2071.	2.6	40
139	Sensitive Biomimetic Sensor Based on Molecular Imprinting at Functionalized Indium Tin Oxide Electrodes. <i>Electroanalysis</i> , 2007, 19, 1655-1660.	1.5	46
140	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
141	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
142	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