

# Dan Du

## List of Articles by Year in descending order

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100

h-index

38952

citing authors

#	ARTICLE	IF	CITATIONS
1	Nanozyme-Enabled Biomedical Diagnosis: Advances, Trends, and Challenges. <i>Advanced Healthcare Materials</i> , 2025, 14, .	8.8	69
2	Redox interference-free bimodal paraoxon sensing enabled by an aggregation-induced emission nanozyme catalytically hydrolyzing phosphoesters specifically. <i>Biosensors and Bioelectronics</i> , 2025, 267, 116756.	9.6	30
3	Tuning Atomically Dispersed Metal Sites in Nanozymes for Sensing Applications. <i>Angewandte Chemie</i> , 2025, 137, .	1.4	1
4	Tuning Atomically Dispersed Metal Sites in Nanozymes for Sensing Applications. <i>Angewandte Chemie - International Edition</i> , 2025, 64, .	14.4	24
5	Rapid and sensitive detection of wood smoke exposure biomarkers using europium fluorescent nanoparticle label/lateral flow immunoassay. <i>Talanta</i> , 2025, 291, 127760.	5.9	3
6	Next-generation health monitoring: The role of nanomaterials in 3D-printed wearable devices. <i>Materials Today</i> , 2025, 86, 317-339.	14.0	8
7	Phototherapy in cancer treatment: strategies and challenges. <i>Signal Transduction and Targeted Therapy</i> , 2025, 10, .	32.9	166
8	Mesoporous Pd@Pt Nanoparticle Label/Lateral Flow Immunoassay Integrated with a 3D-Printed Smartphone Reader for Detection of Wood Smoke Biomarkers. <i>ACS Applied Materials &amp; Interfaces</i> , 2025, 17, 28523-28531.	8.0	0
9	Effect of Phosphorus Modulation in Iron Single-Atom Catalysts for Peroxidase Mimicking. <i>Advanced Materials</i> , 2024, 36, .	24.5	137
10	Atomic-level design of metalloenzyme-like active pockets in metal-organic frameworks for bioinspired catalysis. <i>Chemical Society Reviews</i> , 2024, 53, 137-162.	37.7	34
11	NiFe Nanoparticle Nest Supported on Graphene as Electrocatalyst for Highly Efficient Oxygen Evolution Reaction. <i>Small</i> , 2024, 20, .	11.5	47
12	Atomic-level design of metalloenzyme-like active pockets in metal-organic frameworks for bioinspired catalysis. <i>Chemical Society Reviews</i> , 2024, 53, 137-162.	37.7	63
13	Single/dual-atom electrocatalysts for water splitting related reaction at neutral pH. <i>Next Nanotechnology</i> , 2024, 6, 100073.	2.7	7
14	3D-Printed Flexible Microfluidic Health Monitor for In Situ Sweat Analysis and Biomarker Detection. <i>ACS Sensors</i> , 2024, 9, 3212-3223.	8.5	35
15	Single-atom materials boosting wearable orthogonal uric acid detection. <i>Med-X</i> , 2024, 2, .	8.4	4
16	Simultaneous detection of two herbicides in fruits and vegetables with nanoparticle-linked immunosorbent and lateral flow immunoassays. <i>Food Chemistry</i> , 2023, 399, 133955.	9.6	20
17	Metal-organic framework-based electrocatalysts for acidic oxygen evolution reaction. <i>Trends in Chemistry</i> , 2023, 5, 324-335.	7.9	28
18	Two-Dimensional Fe-N-C Single-Atomic-Site Catalysts with Boosted Peroxidase-Like Activity for a Sensitive Immunoassay. <i>Analytical Chemistry</i> , 2023, 95, 4521-4528.	6.5	21

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19	Recent advances in carbon-supported non-precious metal single-atom catalysts for energy conversion electrocatalysis. <i>National Science Open</i> , 2023, 2, 20220059.	3.0	20
20	Single-atom materials for food safety. <i>Materials Today</i> , 2023, 64, 121-137.	14.0	29
21	Pd@Pt nanoparticle-linked immunosorbent assay for quantification of Collagen type II. <i>Analytica Chimica Acta</i> , 2023, 1266, 341265.	5.7	5
22	Recent advances in electrochemical biosensors for the detection of A $\beta$ 242, a biomarker for Alzheimer disease diagnosis. <i>TrAC - Trends in Analytical Chemistry</i> , 2023, 164, 117087.	11.1	41
23	Photothermal-switched Single-Atom Nanozyme Specificity for Pretreatment and Sensing. <i>Small</i> , 2023, 19, .	11.5	24
24	Recent advances in single-atom nanozymes for colorimetric biosensing. <i>TrAC - Trends in Analytical Chemistry</i> , 2023, 168, 117280.	11.1	52
25	Assembly of highly efficient aqueous light-harvesting system from sequence-defined peptoids for cytosolic microRNA detection. <i>Nano Research</i> , 2023, 17, 788-796.	8.6	10
26	Engineering Metal-Organic Framework-based Nanozymes for Enhanced Biosensing. <i>Current Analytical Chemistry</i> , 2022, 18, 739-752.	1.9	6
27	A MnO <sub>x</sub> enhanced atomically dispersed iron-nitrogen-carbon catalyst for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2022, 10, 5981-5989.	9.3	27
28	Recent advances in biomedical applications of 2D nanomaterials with peroxidase-like properties. <i>Advanced Drug Delivery Reviews</i> , 2022, 185, 114269.	15.4	72
29	Au@PtPd enhanced immunoassay with 3D printed smartphone device for quantification of diaminochlorotriazine (DACT), the major atrazine biomarker. <i>Biosensors and Bioelectronics</i> , 2022, 208, 114190.	9.6	25
30	Bimetallic IrxPb nanowire networks with enhanced electrocatalytic activity for the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2022, 10, 11196-11204.	9.3	14
31	Recent progress on rational design of catalysts for fermentative hydrogen production. <i>SusMat</i> , 2022, 2, 392-410.	19.6	22
32	Single-Atomic Iron Doped Carbon Dots with Both Photoluminescence and Oxidase-Like Activity. <i>Small</i> , 2022, 18, .	11.5	119
33	Nanozymes enable sensitive food safety analysis. <i>Advanced Agrochem</i> , 2022, 1, 12-21.	9.2	33
34	Single-Atomic Site Catalyst Enhanced Lateral Flow Immunoassay for Point-of-Care Detection of Herbicide. <i>Research</i> , 2022, 2022, .	8.0	26
35	Nanobiocatalysis: a materials science road to biocatalysis. <i>Chemical Society Reviews</i> , 2022, 51, 6948-6964.	37.7	76
36	Recent progress in electrochemical reduction of carbon monoxide toward multi-carbon products. <i>Materials Today</i> , 2022, 59, 182-199.	14.0	45

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37	Engineering Atomic Single Metal FeN <sub>4</sub> Cl Sites with Enhanced Oxygen-Reduction Activity for High-Performance Proton Exchange Membrane Fuel Cells. <i>ACS Nano</i> , 2022, 16, 15165-15174.	15.3	153
38	Carbon Nanotube Bridging Strategy for Integrating Single Fe Atoms and NiCo Nanoparticles in a Bifunctional Oxygen Electrocatalyst toward High Efficiency and Long Life Rechargeable Zinc Air Batteries. <i>Advanced Energy Materials</i> , 2022, 12, .	22.5	143
39	A peroxidase-like single-atom Fe-N <sub>5</sub> active site for effective killing human lung adenocarcinoma cells. <i>Nano Research</i> , 2022, 16, 5216-5225.	8.6	15
40	An Ion-Imprinting Derived Strategy to Synthesize Single-Atom Iron Electrocatalysts for Oxygen Reduction. <i>Small</i> , 2021, 17, .	11.5	72
41	Single-atom catalysts boost signal amplification for biosensing. <i>Chemical Society Reviews</i> , 2021, 50, 750-765.	37.7	224
42	Protein-based nanomaterials and nanosystems for biomedical applications: A review. <i>Materials Today</i> , 2021, 43, 166-184.	14.0	99
43	Self-Assembling Allochroic Nanocatalyst for Improving Nanozyme-Based Immunochemical Assays. <i>ACS Sensors</i> , 2021, 6, 220-228.	8.5	33
44	Highly Bright and Photostable Two-Dimensional Nanomaterials Assembled from Sequence-Defined Peptoids. , 2021, 3, 420-427.		29
45	Nanozyme-involved biomimetic cascade catalysis for biomedical applications. <i>Materials Today</i> , 2021, 44, 211-228.	14.0	235
46	Single-Atomic Site Catalyst with Heme Enzymes-Like Active Sites for Electrochemical Sensing of Hydrogen Peroxide. <i>Small</i> , 2021, 17, .	11.5	97
47	Iron-Imprinted Single-Atomic Site Catalyst-Based Nanoprobe for Detection of Hydrogen Peroxide in Living Cells. <i>Nano-Micro Letters</i> , 2021, 13, .	30.2	45
48	Recent progress on single-atom catalysts for CO <sub>2</sub> electroreduction. <i>Materials Today</i> , 2021, 48, 95-114.	14.0	98
49	Nanomaterial-enhanced 3D-printed sensor platform for simultaneous detection of atrazine and acetochlor. <i>Biosensors and Bioelectronics</i> , 2021, 184, 113238.	9.6	88
50	Aptamer functionalized nanomaterials for biomedical applications: Recent advances and new horizons. <i>Nano Today</i> , 2021, 39, 101177.	9.9	162
51	Smartphone-Based Dual-Channel Immunochemical Test Strip with Polymer Quantum Dot Labels for Simultaneous Detection of Cypermethrin and 3-Phenoxybenzoic Acid. <i>Analytical Chemistry</i> , 2021, 93, 13658-13666.	6.5	28
52	Molecularly imprinted polypyrrole nanotubes based electrochemical sensor for glyphosate detection. <i>Biosensors and Bioelectronics</i> , 2021, 191, 113434.	9.6	154
53	Carbon nanodot-hybridized silica nanospheres assisted immunoassay for sensitive detection of Escherichia coli. <i>Sensors and Actuators B: Chemical</i> , 2021, 349, 130730.	7.6	15
54	Zeptomole Imaging of Cytosolic MicroRNA Cancer Biomarkers with A Light-Controlled Nanoantenna. <i>Nano-Micro Letters</i> , 2021, 13, .	30.2	1

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55	Selective Removal of Perfluorobutyric Acid Using an Electroactive Ion Exchanger Based on Polypyrrole@Iron Oxide on Carbon Cloth. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 48500-48507.	8.0	13
56	Electrically Controlled Anion Exchange Based on a Polypyrrole/Carbon Cloth Composite for the Removal of Perfluorooctanoic Acid. <i>ACS ES&amp;T Water</i> , 2021, 1, 2504-2512.	4.3	14
57	When Nanozymes Meet Single-Atom Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2565-2576.	14.4	614
58	When Nanozymes Meet Single-Atom Catalysis. <i>Angewandte Chemie</i> , 2020, 132, 2585-2596.	1.4	149
59	pH-responsive allochroic nanoparticles for the multicolor detection of breast cancer biomarkers. <i>Biosensors and Bioelectronics</i> , 2020, 148, 111780.	9.6	50
60	Integrating ionic liquids with molecular imprinting technology for biorecognition and biosensing: A review. <i>Biosensors and Bioelectronics</i> , 2020, 149, 111830.	9.6	126
61	A novel fluorescent and electrochemical dual-responsive immunosensor for sensitive and reliable detection of biomarkers based on cation-exchange reaction. <i>Analytica Chimica Acta</i> , 2020, 1096, 61-68.	5.7	31
62	Recent advances in carbon dots for bioimaging applications. <i>Nanoscale Horizons</i> , 2020, 5, 218-234.	6.5	279
63	Single-Atom Iron Boosts Electrochemiluminescence. <i>Angewandte Chemie</i> , 2020, 132, 3562-3566.	1.4	35
64	Single-Atom Iron Boosts Electrochemiluminescence. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3534-3538.	14.4	268
65	Enhancing Chemical Interaction of Polysulfide and Carbon through Synergetic Nitrogen and Phosphorus Doping. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 806-813.	6.9	14
66	Review—Nanozyme-Based Immunosensors and Immunoassays: Recent Developments and Future Trends. <i>Journal of the Electrochemical Society</i> , 2020, 167, 037508.	3.1	91
67	Recent advances in nanomaterials-based electrochemical (bio)sensors for pesticides detection. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 132, 116041.	11.1	177
68	Noble Metal Aerogels. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 52234-52250.	8.0	86
69	Tri-functional Fe-Zr bi-metal-organic frameworks enable high-performance phosphate ion ratiometric fluorescent detection. <i>Nanoscale</i> , 2020, 12, 19383-19389.	5.0	80
70	Mesoporous PtPd nanoparticles for ligand-mediated and imaging-guided chemo-photothermal therapy of breast cancer. <i>Nano Research</i> , 2020, 13, 1739-1748.	8.6	21
71	Paper-based ITP technology: An application to specific cancer-derived exosome detection and analysis. <i>Biosensors and Bioelectronics</i> , 2020, 164, 112292.	9.6	36
72	Emerging Applications of Additive Manufacturing in Biosensors and Bioanalytical Devices. <i>Advanced Materials Technologies</i> , 2020, 5, .	5.8	41

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73	Overcoming blood-brain barrier transport: Advances in nanoparticle-based drug delivery strategies. <i>Materials Today</i> , 2020, 37, 112-125.	14.0	384
74	Eyeball-Like Yolk-Shell Bimetallic Nanoparticles for Synergistic Photodynamic-Photothermal Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 5922-5929.	4.7	20
75	High-performance dual-channel ratiometric colorimetric sensing of phosphate ion based on target-induced differential oxidase-like activity changes of Ce-Zr bimetal-organic frameworks. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128546.	7.6	73
76	2D Single-Atom Catalyst with Optimized Iron Sites Produced by Thermal Melting of Metal-Organic Frameworks for Oxygen Reduction Reaction. <i>Small Methods</i> , 2020, 4, .	9.0	143
77	Mesoporous Pd@Pt nanoparticle-linked immunosorbent assay for detection of atrazine. <i>Analytica Chimica Acta</i> , 2020, 1116, 36-44.	5.7	44
78	Nanomaterial-based sensors and biosensors for enhanced inorganic arsenic detection: A functional perspective. <i>Sensors and Actuators B: Chemical</i> , 2020, 315, 128100.	7.6	73
79	Fe-N-C Single-Atom Nanozymes for the Intracellular Hydrogen Peroxide Detection. <i>Analytical Chemistry</i> , 2019, 91, 11994-11999.	6.5	352
80	A review on emerging principles and strategies for colorimetric and fluorescent detection of alkaline phosphatase activity. <i>Analytica Chimica Acta</i> , 2019, 1086, 29-45.	5.7	97
81	Pt-Ni(OH) <sub>2</sub> nanosheets amplified two-way lateral flow immunoassays with smartphone readout for quantification of pesticides. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111498.	9.6	96
82	A sense-and-treat-ELISA using zeolitic imidazolate framework-8 as carriers for dual-modal detection of carcinoembryonic antigen. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126760.	7.6	45
83	Unprecedented peroxidase-mimicking activity of single-atom nanozyme with atomically dispersed Fe-N <sub>x</sub> moieties hosted by MOF derived porous carbon. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111495.	9.6	264
84	A dopamine-induced Au hydrogel nanozyme for enhanced biomimetic catalysis. <i>Chemical Communications</i> , 2019, 55, 9865-9868.	3.4	113
85	Tandem catalysis driven by enzymes directed hybrid nanoflowers for on-site ultrasensitive detection of organophosphorus pesticide. <i>Biosensors and Bioelectronics</i> , 2019, 141, 111473.	9.6	93
86	Ambient light sensor based colorimetric dipstick reader for rapid monitoring organophosphate pesticides on a smart phone. <i>Analytica Chimica Acta</i> , 2019, 1092, 126-131.	5.7	59
87	Highly Dispersed Platinum Atoms on the Surface of AuCu Metallic Aerogels for Enabling H <sub>2</sub> O <sub>2</sub> Production. <i>ACS Applied Energy Materials</i> , 2019, 2, 7722-7727.	5.4	44
88	Self-Driven Multicolor Electrochromic Energy Storage Windows Powered by a Perpetual Rechargeable Battery. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 48013-48020.	8.0	34
89	Bioinspired Peptoid Nanotubes for Targeted Tumor Cell Imaging and Chemo-Photodynamic Therapy. <i>Small</i> , 2019, 15, .	11.5	62
90	Oxidase-Like Fe-N-C Single-Atom Nanozymes for the Detection of Acetylcholinesterase Activity. <i>Small</i> , 2019, 15, .	11.5	293

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91	Au@Pd Nanopopcorn and Aptamer Nanoflower Assisted Lateral Flow Strip for Thermal Detection of Exosomes. <i>Analytical Chemistry</i> , 2019, 91, 13986-13993.	6.5	113
92	Emerging applications of nanozymes in environmental analysis: Opportunities and trends. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 120, 115653.	11.1	171
93	Physiologically Based Pharmacokinetic Modeling of Salivary Concentrations for Noninvasive Biomonitoring of 2,4-Dichlorophenoxyacetic Acid (2,4-D). <i>Toxicological Sciences</i> , 2019, 172, 330-343.	3.8	3
94	Atomically Isolated Iron Atom Anchored on Carbon Nanotubes for Oxygen Reduction Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 39820-39826.	8.0	58
95	2D Graphene Oxide/Fe-MOF Nanozyme Nest with Superior Peroxidase-Like Activity and Its Application for Detection of Woodsmoke Exposure Biomarker. <i>Analytical Chemistry</i> , 2019, 91, 13847-13854.	6.5	158
96	Metal-organic frameworks-based catalysts for electrochemical oxygen evolution. <i>Materials Horizons</i> , 2019, 6, 684-702.	10.2	179
97	Recent advances in functionalized MnO <sub>2</sub> nanosheets for biosensing and biomedicine applications. <i>Nanoscale Horizons</i> , 2019, 4, 321-338.	6.5	238
98	Comparison of Blood-Brain Barrier Models for <i>in Vitro</i> Biological Analysis: One-Cell Type vs Three-Cell Type. <i>ACS Applied Bio Materials</i> , 2019, 2, 1050-1055.	4.7	14
99	CdTe@SiO <sub>2</sub> signal reporters-based fluorescent immunosensor for quantitative detection of prostate specific antigen. <i>Analytica Chimica Acta</i> , 2019, , .	5.7	22
100	Electrically Switched Ion Exchange Based on Carbon-Polypyrrole Composite Smart Materials for the Removal of ReO <sub>4</sub> <sup>-</sup> from Aqueous Solutions. <i>Environmental Science &amp; Technology</i> , 2019, 53, 2612-2617.	11.1	34
101	Amperometric sarcosine biosensor with strong anti-interference capabilities based on mesoporous organic-inorganic hybrid materials. <i>Biosensors and Bioelectronics</i> , 2019, 141, 111431.	9.6	36
102	Glucose Oxidase-Integrated Metal-Organic Framework Hybrids as Biomimetic Cascade Nanozymes for Ultrasensitive Glucose Biosensing. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 22096-22101.	8.0	357
103	Carbon nanotube-linked hollow carbon nanospheres doped with iron and nitrogen as single-atom catalysts for the oxygen reduction reaction in acidic solutions. <i>Journal of Materials Chemistry A</i> , 2019, 7, 14478-14482.	9.3	63
104	Self-Assembly of All-Inclusive Allochroic Nanoparticles for the Improved ELISA. <i>Analytical Chemistry</i> , 2019, 91, 8461-8465.	6.5	68
105	Secondary-Atom-Assisted Synthesis of Single Iron Atoms Anchored on N-Doped Carbon Nanowires for Oxygen Reduction Reaction. <i>ACS Catalysis</i> , 2019, 9, 5929-5934.	12.4	175
106	Rapid and selective detection of Fe (III) by using a smartphone-based device as a portable detector and hydroxyl functionalized metal-organic frameworks as the fluorescence probe. <i>Analytica Chimica Acta</i> , 2019, 1077, 160-166.	5.7	48
107	Far-Red to Near-Infrared Carbon Dots: Preparation and Applications in Biotechnology. <i>Small</i> , 2019, 15, .	11.5	211
108	Red carbon dots: Optical property regulations and applications. <i>Materials Today</i> , 2019, 30, 52-79.	14.0	299

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109	Robust noble metal-based electrocatalysts for oxygen evolution reaction. <i>Chemical Society Reviews</i> , 2019, 48, 3181-3192.	37.7	1,060
110	Single-Atom Nanozyme Based on Nanoengineered Fe-N-C Catalyst with Superior Peroxidase-Like Activity for Ultrasensitive Bioassays. <i>Small</i> , 2019, 15, .	11.5	258
111	Ternary PtRuCu aerogels for enhanced methanol electrooxidation. <i>Nanoscale</i> , 2019, 11, 10575-10580.	5.0	51
112	Recent Advances in Biosensors for Detecting Cancer-Derived Exosomes. <i>Trends in Biotechnology</i> , 2019, 37, 1236-1254.	8.7	196
113	A review of optical probes based on nanomaterials for the detection of hydrogen sulfide in biosystems. <i>Analytica Chimica Acta</i> , 2019, 1061, 1-12.	5.7	80
114	Polydopamine-Capped Bimetallic AuPt Hydrogels Enable Robust Biosensor for Organophosphorus Pesticide Detection. <i>Small</i> , 2019, 15, .	11.5	127
115	Lysosome-targeted carbon dots for ratiometric imaging of formaldehyde in living cells. <i>Nanoscale</i> , 2019, 11, 8458-8463.	5.0	121
116	Visualization of endogenous hydrogen sulfide in living cells based on Au nanorods@silica enhanced fluorescence. <i>Analytica Chimica Acta</i> , 2019, 1053, 81-88.	5.7	30
117	Dispersive Single-Atom Metals Anchored on Functionalized Nanocarbons for Electrochemical Reactions. <i>Topics in Current Chemistry</i> , 2019, 377, .	7.3	33
118	Assembling Carbon Pores into Carbon Sheets: Rational Design of Three-Dimensional Carbon Networks for a Lithium-Sulfur Battery. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 5911-5918.	8.0	27
119	Tuning polyelectrolyte-graphene interaction for enhanced electrochemical nonenzymatic hydrogen peroxide sensing. <i>Analytica Chimica Acta</i> , 2019, 1049, 98-104.	5.7	15
120	Boosting the activity of Fe-Nx moieties in Fe-N-C electrocatalysts via phosphorus doping for oxygen reduction reaction. <i>Science China Materials</i> , 2019, 63, 965-971.	6.7	85
121	Highly photoluminescent carbon dots derived from linseed and their applications in cellular imaging and sensing. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3181-3187.	5.5	74
122	Core-shell PdPb@Pd aerogels with multiply-twinned intermetallic nanostructures: facile synthesis with accelerated gelation kinetics and their enhanced electrocatalytic properties. <i>Journal of Materials Chemistry A</i> , 2018, 6, 7517-7521.	9.3	57
123	Colorimetric and chemiluminescent dual-readout immunochromatographic assay for detection of pesticide residues utilizing g-C <sub>3</sub> N <sub>4</sub> /BiFeO <sub>3</sub> nanocomposites. <i>Biosensors and Bioelectronics</i> , 2018, 106, 43-49.	9.6	148
124	Embedding platinum-based nanoparticles within ordered mesoporous carbon using supercritical carbon dioxide technique as a highly efficient oxygen reduction electrocatalyst. <i>Journal of Alloys and Compounds</i> , 2018, 741, 580-589.	6.0	10
125	Porous Carbon-Hosted Atomically Dispersed Iron-Nitrogen Moiety as Enhanced Electrocatalysts for Oxygen Reduction Reaction in a Wide Range of pH. <i>Small</i> , 2018, 14, .	11.5	133
126	A Rapid Method for Antigen-Specific Hybridoma Clone Isolation. <i>Analytical Chemistry</i> , 2018, 90, 2224-2229.	6.5	18

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127	Simultaneous detection of dual biomarkers from humans exposed to organophosphorus pesticides by combination of immunochromatographic test strip and ellman assay. <i>Biosensors and Bioelectronics</i> , 2018, 104, 39-44.	9.6	30
128	Electrically Switched Ion Exchange Based on Polypyrrole and Carbon Nanotube Nanocomposite for the Removal of Chromium(VI) from Aqueous Solution. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 768-774.	3.9	55
129	Smart Drug Delivery System-Inspired Enzyme-Linked Immunosorbent Assay Based on Fluorescence Resonance Energy Transfer and Allochroic Effect Induced Dual-Modal Colorimetric and Fluorescent Detection. <i>Analytical Chemistry</i> , 2018, 90, 1976-1982.	6.5	95
130	Ultrathin dendritic IrTe nanotubes for an efficient oxygen evolution reaction in a wide pH range. <i>Journal of Materials Chemistry A</i> , 2018, 6, 8855-8859.	9.3	62
131	Dual-Readout Immunochromatographic Assay by Utilizing MnO <sub>2</sub> Nanoflowers as the Unique Colorimetric/Chemiluminescent Probe. <i>Analytical Chemistry</i> , 2018, 90, 5147-5152.	6.5	108
132	Fluorescent silicon nanoparticles-based ratiometric fluorescence immunoassay for sensitive detection of ethyl carbamate in red wine. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 2742-2749.	7.6	92
133	MnO <sub>2</sub> Nanosheet-Carbon Dots Sensing Platform for Sensitive Detection of Organophosphorus Pesticides. <i>Analytical Chemistry</i> , 2018, 90, 2618-2624.	6.5	338
134	Ultrafine and highly disordered Ni <sub>2</sub> Fe <sub>1</sub> nanofoams enabled highly efficient oxygen evolution reaction in alkaline electrolyte. <i>Nano Energy</i> , 2018, 44, 319-326.	16.2	145
135	Tubular titanium oxide/reduced graphene oxide-sulfur composite for improved performance of lithium sulfur batteries. <i>Carbon</i> , 2018, 128, 63-69.	10.7	47
136	Smart phone based immunosensor coupled with nanoflower signal amplification for rapid detection of Salmonella Enteritidis in milk, cheese and water. <i>Sensors and Actuators B: Chemical</i> , 2018, 261, 75-82.	7.6	97
137	A portable smart-phone device for rapid and sensitive detection of E. coli O157:H7 in Yoghurt and Egg. <i>Biosensors and Bioelectronics</i> , 2018, 99, 479-485.	9.6	104
138	Integrating <i>in situ</i> formation of nanozymes with three-dimensional dendritic mesoporous silica nanospheres for hypoxia-overcoming photodynamic therapy. <i>Nanoscale</i> , 2018, 10, 22937-22945.	5.0	58
139	Recent advances in emerging 2D nanomaterials for biosensing and bioimaging applications. <i>Materials Today</i> , 2018, 21, 164-177.	14.0	202
140	Efficient Cytosolic Delivery Using Crystalline Nanoflowers Assembled from Fluorinated Peptoids. <i>Small</i> , 2018, 14, .	11.5	41
141	Switchable Photoacoustic Imaging of Glutathione Using MnO <sub>2</sub> Nanotubes for Cancer Diagnosis. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 44231-44239.	8.0	41
142	Catalytic Activity of Co <sup>X</sup> (X = S, P, O) and Its Dependency on Nanostructure/Chemical Composition in Lithium-Sulfur Batteries. <i>ACS Applied Energy Materials</i> , 2018, 1, 7014-7021.	5.4	49
143	Synthetic Polymer Nanoparticles Functionalized with Different Ligands for Receptor-Mediated Transcytosis across the Blood-Brain Barrier. <i>ACS Applied Bio Materials</i> , 2018, 1, 1687-1694.	4.7	40
144	Micro additive manufacturing of glucose biosensors: A feasibility study. <i>Analytica Chimica Acta</i> , 2018, 1043, 142-149.	5.7	80

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145	Quantification of kinetic rate constants for transcytosis of polymeric nanoparticle through blood-brain barrier. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 2779-2787.	2.0	31
146	Mesoporous Carbon Nanospheres with ZnO Nanolids for Multimodal Therapy of Lung Cancer. <i>ACS Applied Bio Materials</i> , 2018, 1, 1165-1173.	4.7	18
147	A Nanozyme- and Ambient Light-Based Smartphone Platform for Simultaneous Detection of Dual Biomarkers from Exposure to Organophosphorus Pesticides. <i>Analytical Chemistry</i> , 2018, 90, 7391-7398.	6.5	141
148	Graphene-like Metal-Free 2D Nanosheets for Cancer Imaging and Theranostics. <i>Trends in Biotechnology</i> , 2018, 36, 1145-1156.	8.7	64
149	Nanovoid Incorporated Ir <sub>x</sub> Cu Metallic Aerogels for Oxygen Evolution Reaction Catalysis. <i>ACS Energy Letters</i> , 2018, 3, 2038-2044.	17.0	160
150	Direct Cytosolic MicroRNA Detection Using Single-Layer Perfluorinated Tungsten Diselenide Nanoplatfrom. <i>Analytical Chemistry</i> , 2018, 90, 10369-10376.	6.5	15
151	An ultra low-cost smartphone device for in-situ monitoring of acute organophosphorus poisoning for agricultural workers. <i>Sensors and Actuators B: Chemical</i> , 2018, 275, 300-305.	7.6	18
152	SWCNTs@QDs composites as nanocarriers for enzyme-free dual-signal amplification electrochemical immunoassay of cancer biomarker. <i>Analytica Chimica Acta</i> , 2018, 1042, 44-51.	5.7	63
153	Recent progress in biosensors based on organic-inorganic hybrid nanoflowers. <i>Biosensors and Bioelectronics</i> , 2018, 120, 175-187.	9.6	89
154	Hierarchically Porous M <sub>n</sub> -N <sub>x</sub> -C (M = Co and Fe) Single-Atom Electrocatalysts with Robust MN <sub>x</sub> Active Moieties Enable Enhanced ORR Performance. <i>Advanced Energy Materials</i> , 2018, 8, .	22.5	650
155	Ultrafine Pd ensembles anchored-Au <sub>2</sub> Cu aerogels boost ethanol electrooxidation. <i>Nano Energy</i> , 2018, 53, 206-212.	16.2	68
156	Aptasensor based on fluorophore-quencher nano-pair and smartphone spectrum reader for on-site quantification of multi-pesticides. <i>Biosensors and Bioelectronics</i> , 2018, 117, 75-83.	9.6	178
157	Nanozyme Enhanced Colorimetric Immunoassay for Naked-Eye Detection of Salmonella Enteritidis. <i>Journal of Analysis and Testing</i> , 2018, 3, 99-106.	5.7	59
158	Graphene-like 2D nanomaterial-based biointerfaces for biosensing applications. <i>Biosensors and Bioelectronics</i> , 2017, 89, 43-55.	9.6	259
159	Drug-Derived Bright and Color-Tunable N-Doped Carbon Dots for Cell Imaging and Sensitive Detection of Fe <sup>3+</sup> in Living Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 7399-7405.	8.0	322
160	Three-dimensional Nitrogen-Doped Reduced Graphene Oxide/Carbon Nanotube Composite Catalysts for Vanadium Flow Batteries. <i>Electroanalysis</i> , 2017, 29, 1469-1473.	2.2	34
161	Carbon quantum dots as fluorescence resonance energy transfer sensors for organophosphate pesticides determination. <i>Biosensors and Bioelectronics</i> , 2017, 94, 292-297.	9.6	322
162	Rapid and sensitive detection of microRNA via the capture of fluorescent dyes-loaded albumin nanoparticles around functionalized magnetic beads. <i>Biosensors and Bioelectronics</i> , 2017, 94, 56-62.	9.6	45

#	ARTICLE	IF	CITATIONS
163	pH-Responsive ZnO Nanocluster for Lung Cancer Chemotherapy. ACS Applied Materials & Interfaces, 2017, 9, 5739-5747.	8.0	55
164	Self-Assembled Fe-N-Doped Carbon Nanotube Aerogels with Single-Atom Catalyst Feature as High-Efficiency Oxygen Reduction Electrocatalysts. Small, 2017, 13, .	11.5	277
165	Solvent co-mediated synthesis of ultrathin BiOCl nanosheets with highly efficient visible-light photocatalytic activity. RSC Advances, 2017, 7, 10235-10241.	4.4	36
166	Highly uniform distribution of Pt nanoparticles on N-doped hollow carbon spheres with enhanced durability for oxygen reduction reaction. RSC Advances, 2017, 7, 6303-6308.	4.4	51
167	Integrated immunochromatographic strip with glucometer readout for rapid quantification of phosphorylated proteins. Analytica Chimica Acta, 2017, 964, 1-6.	5.7	19
168	Nitrogen and Fluorine-Codoped Carbon Nanowire Aerogels as Metal-Free Electrocatalysts for Oxygen Reduction Reaction. Chemistry - A European Journal, 2017, 23, 10460-10464.	3.4	54
169	MnO <sub>2</sub> Nanotube-Based NanoSearchlight for Imaging of Multiple MicroRNAs in Live Cells. ACS Applied Materials & Interfaces, 2017, 9, 23325-23332.	8.0	38
170	Metal-Organic Framework-Derived Non-Precious Metal Nanocatalysts for Oxygen Reduction Reaction. Advanced Energy Materials, 2017, 7, .	22.5	340
171	Glucose Biosensor Based on Mesoporous Pt Nanotubes. Journal of the Electrochemical Society, 2017, 164, B230-B233.	3.1	10
172	Einzelatom-Elektrokatalysatoren. Angewandte Chemie, 2017, 129, 14132-14148.	1.4	101
173	Single-Atom Electrocatalysts. Angewandte Chemie - International Edition, 2017, 56, 13944-13960.	14.4	1,264
174	In Vitro Study of Receptor-Mediated Silica Nanoparticles Delivery across Blood-Brain Barrier. ACS Applied Materials & Interfaces, 2017, 9, 20410-20416.	8.0	112
175	Versatile Barometer Biosensor Based on Au@Pt Core/Shell Nanoparticle Probe. ACS Sensors, 2017, 2, 789-795.	8.5	68
176	On-Off-On-fluorescence sensor based on g-C <sub>3</sub> N <sub>4</sub> nanosheets for selective and sequential detection of Ag <sup>+</sup> and S <sup>2-</sup> . Talanta, 2017, 168, 168-173.	5.9	40
177	Oxidase-mimicking activity of ultrathin MnO <sub>2</sub> nanosheets in colorimetric assay of acetylcholinesterase activity. Nanoscale, 2017, 9, 2317-2323.	5.0	220
178	Low Pt-content ternary PdCuPt nanodendrites: an efficient electrocatalyst for oxygen reduction reaction. Nanoscale, 2017, 9, 1279-1284.	5.0	75
179	Intermetallic Pd <sub>3</sub> Pb nanowire networks boost ethanol oxidation and oxygen reduction reactions with significantly improved methanol tolerance. Journal of Materials Chemistry A, 2017, 5, 23952-23959.	9.3	90
180	One-step synthesis of carbon nanosheet-decorated carbon nanofibers as a 3D interconnected porous carbon scaffold for lithium-sulfur batteries. Journal of Materials Chemistry A, 2017, 5, 23737-23743.	9.3	38

#	ARTICLE	IF	CITATIONS
181	Two-Dimensional N,S-Codoped Carbon/Co <sub>9</sub> S <sub>8</sub> Catalysts Derived from Co(OH) <sub>2</sub> Nanosheets for Oxygen Reduction Reaction. ACS Applied Materials & Interfaces, 2017, 9, 36755-36761.	8.0	45
182	Kinetically controlled synthesis of AuPt bi-metallic aerogels and their enhanced electrocatalytic performances. Journal of Materials Chemistry A, 2017, 5, 19626-19631.	9.3	51
183	Nanozyme-Mediated Dual Immunoassay Integrated with Smartphone for Use in Simultaneous Detection of Pathogens. ACS Applied Materials & Interfaces, 2017, 9, 40671-40680.	8.0	287
184	Mitochondrial-targeted multifunctional mesoporous Au@Pt nanoparticles for dual-mode photodynamic and photothermal therapy of cancers. Nanoscale, 2017, 9, 15813-15824.	5.0	76
185	A 3D-Printed, Portable, Optical-Sensing Platform for Smartphones Capable of Detecting the Herbicide 2,4-Dichlorophenoxyacetic Acid. Analytical Chemistry, 2017, 89, 9339-9346.	6.5	81
186	Interconnected Fe, S, N-Codoped Hollow and Porous Carbon Nanorods as Efficient Electrocatalysts for the Oxygen Reduction Reaction. ACS Applied Materials & Interfaces, 2017, 9, 40298-40306.	8.0	47
187	Sugar Blowing-Induced Porous Cobalt Phosphide/Nitrogen-Doped Carbon Nanostructures with Enhanced Electrochemical Oxidation Performance toward Water and Other Small Molecules. Small, 2017, 13, .	11.5	71
188	Recent Advances in Electrochemical Immunosensors. Analytical Chemistry, 2017, 89, 138-156.	6.5	302
189	Bimetallic Cobalt-Based Phosphide Zeolitic Imidazolate Framework: Co <sub>Px</sub> Phase-Dependent Electrical Conductivity and Hydrogen Atom Adsorption Energy for Efficient Overall Water Splitting. Advanced Energy Materials, 2017, 7, .	22.5	386
190	Electrochemically Controlled Ion-Exchange Property of Carbon Nanotubes/Polypyrrole Nanocomposite in Various Electrolyte Solutions. Electroanalysis, 2017, 29, 929-936.	2.2	16
191	Bioinspired Synthesis of All-In-One Organic-Inorganic Hybrid Nanoflowers Combined with a Handheld pH Meter for On-Site Detection of Food Pathogen. Small, 2016, 12, 3094-3100.	11.5	146
192	Facilely Tuning Porous NiCo <sub>2</sub> O <sub>4</sub> Nanosheets with Metal Valence-State Alteration and Abundant Oxygen Vacancies as Robust Electrocatalysts Towards Water Splitting. Chemistry - A European Journal, 2016, 22, 4000-4007.	3.4	186
193	Kinetically Controlled Synthesis of Pt-Based One-Dimensional Hierarchically Porous Nanostructures with Large Mesopores as Highly Efficient ORR Catalysts. ACS Applied Materials & Interfaces, 2016, 8, 35213-35218.	8.0	59
194	3-D printed adjustable microelectrode arrays for electrochemical sensing and biosensing. Sensors and Actuators B: Chemical, 2016, 230, 600-606.	7.6	88
195	Graphene loaded bimetallic Au@Pt nanodendrites enhancing ultrasensitive electrochemical immunoassay of AFP. Sensors and Actuators B: Chemical, 2016, 231, 513-519.	7.6	59
196	Three-dimensional PtNi hollow nanochains as an enhanced electrocatalyst for the oxygen reduction reaction. Journal of Materials Chemistry A, 2016, 4, 8755-8761.	9.3	67
197	Detection of p53 Protein Based on Mesoporous Pt-Pd Nanoparticles with Enhanced Peroxidase-like Catalysis. ACS Sensors, 2016, 1, 717-724.	8.5	97
198	Biomedical Potential of Ultrafine Ag/AgCl Nanoparticles Coated on Graphene with Special Reference to Antimicrobial Performances and Burn Wound Healing. ACS Applied Materials & Interfaces, 2016, 8, 15067-15075.	8.0	120

#	ARTICLE	IF	CITATIONS
199	Newly Designed Graphene Cellular Monolith Functionalized with Hollow Pt-M (M = Ni, Co) Nanoparticles as the Electrocatalyst for Oxygen Reduction Reaction. ACS Applied Materials & Interfaces, 2016, 8, 25863-25874.	8.0	49
200	A Facile Method for Synthesizing Dendritic Core-Shell Structured Ternary Metallic Aerogels and Their Enhanced Electrochemical Performances. Chemistry of Materials, 2016, 28, 7928-7934.	6.7	65
201	3D graphene-based hybrid materials: synthesis and applications in energy storage and conversion. Nanoscale, 2016, 8, 15414-15447.	5.0	147
202	Recent progress in nanomaterials for gene delivery applications. Biomaterials Science, 2016, 4, 1291-1309.	5.7	205
203	Graphene Quantum Dot-MnO <sub>2</sub> Nanosheet Based Optical Sensing Platform: A Sensitive Fluorescence Turn Off Nanosensor for Glutathione Detection and Intracellular Imaging. ACS Applied Materials & Interfaces, 2016, 8, 21990-21996.	8.0	258
204	PdCuPt Nanocrystals with Multibranches for Enzyme-Free Glucose Detection. ACS Applied Materials & Interfaces, 2016, 8, 22196-22200.	8.0	73
205	pH-Sensitive ZnO Quantum Dots-Doxorubicin Nanoparticles for Lung Cancer Targeted Drug Delivery. ACS Applied Materials & Interfaces, 2016, 8, 22442-22450.	8.0	336
206	Electrochemical Immunoassays Based on Graphene: A Review. Electroanalysis, 2016, 28, 4-12.	2.2	34
207	Efficient Synthesis of MCu (M = Pd, Pt, and Au) Aerogels with Accelerated Gelation Kinetics and their High Electrocatalytic Activity. Advanced Materials, 2016, 28, 8779-8783.	24.5	235
208	Recent progress on nanomaterial-based biosensors for veterinary drug residues in animal-derived food. TrAC - Trends in Analytical Chemistry, 2016, 83, 95-101.	11.1	67
209	Highly Ordered Mesoporous Bimetallic Phosphides as Efficient Oxygen Evolution Electrocatalysts. ACS Energy Letters, 2016, 1, 792-796.	17.0	152
210	PtCu bimetallic alloy nanotubes with porous surface for oxygen reduction reaction. RSC Advances, 2016, 6, 69233-69238.	4.4	14
211	One-pot bioinspired synthesis of all-inclusive protein-protein nanoflowers for point-of-care bioassay: detection of E. coli O157:H7 from milk. Nanoscale, 2016, 8, 18980-18986.	5.0	73
212	Nanomaterial-based electrochemical biosensors for food safety. Journal of Electroanalytical Chemistry, 2016, 781, 147-154.	3.8	159
213	Hyaluronic Acid-Modified Multifunctional Q-Graphene for Targeted Killing of Drug-Resistant Lung Cancer Cells. ACS Applied Materials & Interfaces, 2016, 8, 4048-4055.	8.0	70
214	One-Pot Fabrication of Mesoporous Core-Shell Au@PtNi Ternary Metallic Nanoparticles and Their Enhanced Efficiency for Oxygen Reduction Reaction. ACS Applied Materials & Interfaces, 2016, 8, 4739-4744.	8.0	60
215	Highly efficient nonprecious metal catalysts towards oxygen reduction reaction based on three-dimensional porous carbon nanostructures. Chemical Society Reviews, 2016, 45, 517-531.	37.7	883
216	Smartphone Optosensing Platform Using a DVD Grating to Detect Neurotoxins. ACS Sensors, 2016, 1, 366-373.	8.5	64

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217	Enhanced Electrocatalytic Activities of PtCuCoNi Three-Dimensional Nanoporous Quaternary Alloys for Oxygen Reduction and Methanol Oxidation Reactions. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 6110-6116.	8.0	67
218	An Improved Ultrasensitive Enzyme-Linked Immunosorbent Assay Using Hydrangea-Like Antibody-Enzyme-Inorganic Three-in-One Nanocomposites. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 6329-6335.	8.0	118
219	Accurate and easy-to-use assessment of contiguous DNA methylation sites based on proportion competitive quantitative-PCR and lateral flow nucleic acid biosensor. <i>Biosensors and Bioelectronics</i> , 2016, 80, 654-660.	9.6	25
220	Optimization of cobalt/nitrogen embedded carbon nanotubes as an efficient bifunctional oxygen electrode for rechargeable zinc-air batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 4864-4870.	9.3	74
221	Simultaneous immunoassay of phosphorylated proteins based on apoferritin templated metallic phosphates as voltammetrically distinguishable signal reporters. <i>Biosensors and Bioelectronics</i> , 2016, 80, 201-207.	9.6	21
222	Highly branched PtCu bimetallic alloy nanodendrites with superior electrocatalytic activities for oxygen reduction reactions. <i>Nanoscale</i> , 2016, 8, 5076-5081.	5.0	59
223	Enhanced Photoelectrochemical Immunosensing Platform Based on CdSeTe@CdS:Mn Core-Shell Quantum Dots-Sensitized TiO <sub>2</sub> Amplified by CuS Nanocrystals Conjugated Signal Antibodies. <i>Analytical Chemistry</i> , 2016, 88, 3392-3399.	6.5	184
224	Enhanced electrocatalytic activities of three dimensional PtCu@Pt bimetallic alloy nanofoams for oxygen reduction reaction. <i>Catalysis Science and Technology</i> , 2016, 6, 5052-5059.	4.0	29
225	A sensitive magnetic nanoparticle-based immunoassay of phosphorylated acetylcholinesterase using protein cage templated lead phosphate for signal amplification with graphite furnace atomic absorption spectrometry detection. <i>Analyst</i> , The, 2016, 141, 2278-2283.	3.1	14
226	Design, fabrication and test of a pneumatically controlled, renewable, microfluidic bead trapping device for sequential injection analysis applications. <i>Analyst</i> , The, 2016, 141, 206-215.	3.1	7
227	Sensitive detection of Escherichia coli O157:H7 using Pt-Au bimetal nanoparticles with peroxidase-like amplification. <i>Biosensors and Bioelectronics</i> , 2016, 77, 687-694.	9.6	155
228	Recent advances in electrochemical biosensors based on graphene two-dimensional nanomaterials. <i>Biosensors and Bioelectronics</i> , 2016, 76, 195-212.	9.6	367
229	Ultrasonic-assisted synthesis of Pd-Pt/carbon nanotubes nanocomposites for enhanced electro-oxidation of ethanol and methanol in alkaline medium. <i>Ultrasonics Sonochemistry</i> , 2016, 28, 192-198.	8.9	83
230	Template-directed synthesis of nitrogen- and sulfur-codoped carbon nanowire aerogels with enhanced electrocatalytic performance for oxygen reduction. <i>Nano Research</i> , 2016, 10, 1888-1895.	8.6	40
231	Facile One-Step Synthesis of Three-Dimensional Pd-Ag Bimetallic Alloy Networks and Their Electrocatalytic Activity toward Ethanol Oxidation. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 13842-13848.	8.0	186
232	Graphene and graphene-like 2D materials for optical biosensing and bioimaging: a review. <i>2D Materials</i> , 2015, 2, 032004.	4.2	165
233	Ultrasonic-assisted synthesis of carbon nanotube supported bimetallic Pt-Ru nanoparticles for effective methanol oxidation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 8459-8465.	9.3	69
234	A new label-free strategy for a highly efficient chemiluminescence immunoassay. <i>Chemical Communications</i> , 2015, 51, 14443-14446.	3.4	24

#	ARTICLE	IF	CITATIONS
235	Engineering Ordered and Nonordered Porous Noble Metal Nanostructures: Synthesis, Assembly, and Their Applications in Electrochemistry. <i>Chemical Reviews</i> , 2015, 115, 8896-8943.	52.6	642
236	One-pot synthesis of B-doped three-dimensional reduced graphene oxide via supercritical fluid for oxygen reduction reaction. <i>Green Chemistry</i> , 2015, 17, 3552-3560.	9.1	112
237	Glucose encapsulating liposome for signal amplification for quantitative detection of biomarkers with glucometer readout. <i>Biosensors and Bioelectronics</i> , 2015, 72, 348-354.	9.6	60
238	One-step synthesis of cobalt and nitrogen co-doped carbon nanotubes and their catalytic activity for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2015, 3, 12718-12722.	9.3	50
239	Ultrasonic enhanced synthesis of multi-walled carbon nanotube supported Pt-Co bimetallic nanoparticles as catalysts for the oxygen reduction reaction. <i>RSC Advances</i> , 2015, 5, 32685-32689.	4.4	20
240	A nonenzymatic electrochemical glucose sensor based on mesoporous Au/Pt nanodendrites. <i>RSC Advances</i> , 2015, 5, 82617-82622.	4.4	40
241	Synthesis of Pt-Cu Bimetallic Alloys and Their Electrocatalytic Activities for Oxygen Reduction Reaction. <i>ECS Transactions</i> , 2015, 69, 625-630.	0.4	1
242	Metal-organic framework derived hierarchically porous nitrogen-doped carbon nanostructures as novel electrocatalyst for oxygen reduction reaction. <i>Electrochimica Acta</i> , 2015, 178, 287-293.	5.3	51
243	Mesoporous Pt Nanotubes as a Novel Sensing Platform for Sensitive Detection of Intracellular Hydrogen Peroxide. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 24288-24295.	8.0	63
244	Hyaluronic acid-conjugated apoferritin nanocages for lung cancer targeted drug delivery. <i>Biomaterials Science</i> , 2015, 3, 1386-1394.	5.7	64
245	Screening of antidote sensitivity using an acetylcholinesterase biosensor based on a graphene-Au nanocomposite. <i>RSC Advances</i> , 2015, 5, 4894-4897.	4.4	5
246	Electrochemical Sensors and Biosensors Based on Nanomaterials and Nanostructures. <i>Analytical Chemistry</i> , 2015, 87, 230-249.	6.5	1,607
247	Electrochemical Evaluation of the Mechanism of Acetylcholinesterase Inhibition Based on an Electrodeposited Thin Film. <i>International Journal of Electrochemical Science</i> , 2015, 10, 1632-1645.	2.3	2
248	A magnetic electrochemical immunosensor for the detection of phosphorylated p53 based on enzyme functionalized carbon nanospheres with signal amplification. <i>RSC Advances</i> , 2014, 4, 54066-54071.	4.4	13
249	Bioinspired nanoscale materials for biomedical and energy applications. <i>Journal of the Royal Society Interface</i> , 2014, 11, 20131067.	3.2	55
250	Nanomaterial-based biosensors for environmental and biological monitoring of organophosphorus pesticides and nerve agents. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 54, 1-10.	11.1	250
251	Nanomaterial-enhanced paper-based biosensors. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 58, 31-39.	11.1	196
252	Assembly of carbon nanotubes on a nanoporous gold electrode for acetylcholinesterase biosensor design. <i>Sensors and Actuators B: Chemical</i> , 2014, 199, 284-290.	7.6	53

#	ARTICLE	IF	CITATIONS
253	Paper-Based Electrochemical Biosensors: From Test Strips to Paper-Based Microfluidics. <i>Electroanalysis</i> , 2014, 26, 1214-1223.	2.2	131
254	Graphene-silver nanohybrids for ultrasensitive surface enhanced Raman spectroscopy: size dependence of silver nanoparticles. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6850.	5.1	50
255	A universal lateral flow biosensor for proteins and DNAs based on the conformational change of hairpin oligonucleotide and its use for logic gate operations. <i>Biosensors and Bioelectronics</i> , 2014, 61, 598-604.	9.6	27
256	Controlling the Charge State and Redox Properties of Supported Polyoxometalates via Soft Landing of Mass-Selected Ions. <i>Journal of Physical Chemistry C</i> , 2014, 118, 27611-27622.	3.1	42
257	Polyoxometalate-Graphene Nanocomposite Modified Electrode for Electrocatalytic Detection of Ascorbic Acid. <i>Electroanalysis</i> , 2014, 26, 178-183.	2.2	38
258	Electrochemical detection of leukemia oncogenes using enzyme-loaded carbon nanotube labels. <i>Analyst</i> , The, 2014, 139, 4223-4230.	3.1	17
259	Acetylcholinesterase biosensor based on a gold nanoparticle-polypyrrole-reduced graphene oxide nanocomposite modified electrode for the amperometric detection of organophosphorus pesticides. <i>Analyst</i> , The, 2014, 139, 3055.	3.1	179
260	Nanoparticle-based immunochromatographic test strip with fluorescent detector for quantification of phosphorylated acetylcholinesterase: an exposure biomarker of organophosphorus agents. <i>Analyst</i> , The, 2013, 138, 5431.	3.1	31
261	Direct analysis of trichloropyridinol in human saliva using an Au nanoparticles-based immunochromatographic test strip for biomonitoring of exposure to chlorpyrifos. <i>Talanta</i> , 2013, 114, 261-267.	5.9	35
262	Magnetic Fe <sub>3</sub> O <sub>4</sub> @TiO <sub>2</sub> nanoparticles-based test strip immunosensing device for rapid detection of phosphorylated butyrylcholinesterase. <i>Biosensors and Bioelectronics</i> , 2013, 50, 486-491.	9.6	57
263	Electrochemical Detection of Dual Exposure Biomarkers of Organophosphorus Agents Based on Reactivation of Inhibited Cholinesterase. <i>Analytical Chemistry</i> , 2013, 85, 9686-9691.	6.5	39
264	The vital function of Fe <sub>3</sub> O <sub>4</sub> @Au nanocomposites for hydrolase biosensor design and its application in detection of methyl parathion. <i>Nanoscale</i> , 2013, 5, 1121.	5.0	117
265	Synthesis, Biological Evaluation, and Molecular Modeling of Glycyrrhizin Derivatives as Potent High-Mobility Group Box-1 Inhibitors with Anti-Heart-Failure Activity in Vivo. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 97-108.	5.6	34
266	Graphene based materials for biomedical applications. <i>Materials Today</i> , 2013, 16, 365-373.	14.0	617
267	Protein adsorption and cell adhesion controlled by the surface chemistry of binary perfluoroalkyl/oligo(ethylene glycol) self-assembled monolayers. <i>Journal of Colloid and Interface Science</i> , 2013, 402, 284-290.	9.9	25
268	Bioactive constituents from toxic seed plants in China. <i>RSC Advances</i> , 2013, 3, 10078.	4.4	11
269	Preparation, characterization of Fe <sub>3</sub> O <sub>4</sub> at TiO <sub>2</sub> magnetic nanoparticles and their application for immunoassay of biomarker of exposure to organophosphorus pesticides. <i>Biosensors and Bioelectronics</i> , 2013, 41, 669-674.	9.6	66
270	One-step electrodeposition of a molecularly imprinting chitosan/phenyltrimethoxysilane/AuNPs hybrid film and its application in the selective determination of p-nitrophenol. <i>Analyst</i> , The, 2013, 138, 2761.	3.1	60

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271	Graphene-based materials for biosensing and bioimaging. <i>MRS Bulletin</i> , 2012, 37, 1290-1296.	4.1	55
272	Magnetic particle-based immunoassay of phosphorylated p53 using protein cage templated lead phosphate and carbon nanospheres for signal amplification. <i>RSC Advances</i> , 2012, 2, 11029.	4.4	25
273	Preparation and characterization of Au@ZrO <sub>2</sub> @SiO <sub>2</sub> nanocomposite spheres and their application in enrichment and detection of organophosphorus agents. <i>Journal of Materials Chemistry</i> , 2012, 22, 4977.	7.3	53
274	Biosensor based on Prussian blue nanocubes/reduced graphene oxide nanocomposite for detection of organophosphorus pesticides. <i>Nanoscale</i> , 2012, 4, 4674.	5.0	121
275	Integrated Lateral Flow Test Strip with Electrochemical Sensor for Quantification of Phosphorylated Cholinesterase: Biomarker of Exposure to Organophosphorus Agents. <i>Analytical Chemistry</i> , 2012, 84, 1380-1385.	6.5	132
276	Electrochemical Immunoassay of Phosphorylated Proteins. <i>ECS Meeting Abstracts</i> , 2012, MA2012-02, 3574-3574.	0.0	0
277	Study of Inhibition, Reactivation and Aging Processes of Pesticides Using Graphene Nanosheets/Gold Nanoparticles-Based Acetylcholinesterase Biosensor. <i>Electroanalysis</i> , 2012, 24, 1745-1750.	2.2	22
278	Highly Sensitive and Selective Immuno-Capture/Electrochemical Assay of Acetylcholinesterase Activity in Red Blood Cells: A Biomarker of Exposure to Organophosphorus Pesticides and Nerve Agents. <i>Environmental Science &amp; Technology</i> , 2012, 46, 1828-1833.	11.1	63
279	Oleanane-Type Triterpene Saponins and Cassaine-Type Diterpenoids from <i>Erythrophleum fordii</i> . <i>Planta Medica</i> , 2011, 77, 1631-1638.	0.4	13
280	Multiplexed Electrochemical Immunoassay of Phosphorylated Proteins Based on Enzyme-Functionalized Gold Nanorod Labels and Electric Field-Driven Acceleration. <i>Analytical Chemistry</i> , 2011, 83, 6580-6585.	6.5	107
281	One-step electrochemical deposition of a graphene-ZrO <sub>2</sub> nanocomposite: Preparation, characterization and application for detection of organophosphorus agents. <i>Journal of Materials Chemistry</i> , 2011, 21, 8032.	7.3	176
282	Enzyme entrapped nanoporous scaffolds formed through flow-induced gelation in a microfluidic filter device for sensitive biosensing of organophosphorus compounds. <i>Lab on A Chip</i> , 2011, 11, 381-384.	5.1	20
283	Functionalized Graphene Oxide as a Nanocarrier in a Multienzyme Labeling Amplification Strategy for Ultrasensitive Electrochemical Immunoassay of Phosphorylated p53 (S392). <i>Analytical Chemistry</i> , 2011, 83, 746-752.	6.5	313
284	Electropolymerized multiwalled carbon nanotubes/polypyrrole fiber for solid-phase microextraction and its applications in the determination of pyrethroids. <i>Talanta</i> , 2011, 84, 104-108.	5.9	81
285	Rational design and application of molecularly imprinted sol-gel polymer for the electrochemically selective and sensitive determination of Sudan I. <i>Talanta</i> , 2011, 84, 451-456.	5.9	44
286	Magnetic Electrochemical Sensing Platform for Biomonitoring of Exposure to Organophosphorus Pesticides and Nerve Agents Based on Simultaneous Measurement of Total Enzyme Amount and Enzyme Activity. <i>Analytical Chemistry</i> , 2011, 83, 3770-3777.	6.5	80
287	Self assembly of acetylcholinesterase on a gold nanoparticles-graphene nanosheet hybrid for organophosphate pesticide detection using polyelectrolyte as a linker. <i>Journal of Materials Chemistry</i> , 2011, 21, 5319.	7.3	223
288	Graphene-based immunosensor for electrochemical quantification of phosphorylated p53 (S15). <i>Analytica Chimica Acta</i> , 2011, 699, 44-48.	5.7	82

#	ARTICLE	IF	CITATIONS
289	A novel immunochromatographic electrochemical biosensor for highly sensitive and selective detection of trichloropyridinol, a biomarker of exposure to chlorpyrifos. <i>Biosensors and Bioelectronics</i> , 2011, 26, 2835-2840.	9.6	72
290	Nanoparticle-based immunosensor with apoferritin templated metallic phosphate label for quantification of phosphorylated acetylcholinesterase. <i>Biosensors and Bioelectronics</i> , 2011, 26, 3857-3863.	9.6	47
291	Methyl parathion hydrolase based nanocomposite biosensors for highly sensitive and selective determination of methyl parathion. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4320-4325.	9.6	66
292	A Novel Nanoparticle-Based Disposable Electrochemical Immunosensor for Diagnosis of Exposure to Toxic Organophosphorus Agents. <i>Advanced Functional Materials</i> , 2011, 21, 4371-4378.	17.0	81
293	Oxidative desorption of thiocholine assembled on core-shell Fe <sub>3</sub> O <sub>4</sub> /AuNPs magnetic nanocomposites for highly sensitive determination of acetylcholinesterase activity: An exposure biomarker of organophosphates. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4231-4235.	9.6	48
294	Enzyme-linked immunosorbent assay for detection of organophosphorylated butyrylcholinesterase: A biomarker of exposure to organophosphate agents. <i>Analytica Chimica Acta</i> , 2011, 693, 1-6.	5.7	46
295	Development of a Specific Enzyme-Linked Immunosorbent Assay (ELISA) for the Analysis of the Organophosphorous Pesticide Fenthion in Real Samples Based on Monoclonal Antibody. <i>Analytical Letters</i> , 2011, 44, 1591-1601.	2.1	27
296	Cytotoxic cassaine diterpenoid-diterpenoid amide dimers and diterpenoid amides from the leaves of <i>Erythrophleum fordii</i> . <i>Phytochemistry</i> , 2010, 71, 1749-1755.	3.1	32
297	One-step synthesis of multiwalled carbon nanotubes-gold nanocomposites for fabricating amperometric acetylcholinesterase biosensor. <i>Sensors and Actuators B: Chemical</i> , 2010, 143, 524-529.	7.6	106
298	Sensitive acetylcholinesterase biosensor based on assembly of $\beta$ -cyclodextrins onto multiwall carbon nanotubes for detection of organophosphates pesticide. <i>Sensors and Actuators B: Chemical</i> , 2010, 146, 337-341.	7.6	91
299	Covalent coupling of organophosphorus hydrolase loaded quantum dots to carbon nanotube/Au nanocomposite for enhanced detection of methyl parathion. <i>Biosensors and Bioelectronics</i> , 2010, 25, 1370-1375.	9.6	150
300	Acetylcholinesterase biosensor design based on carbon nanotube-encapsulated polypyrrole and polyaniline copolymer for amperometric detection of organophosphates. <i>Biosensors and Bioelectronics</i> , 2010, 25, 2503-2508.	9.6	171
301	CdSe/ZnS quantum dots based electrochemical immunoassay for the detection of phosphorylated bovine serum albumin. <i>Biosensors and Bioelectronics</i> , 2010, 26, 1109-1113.	9.6	74
302	Detection of Organophosphate Pesticide Using Polyaniline and Carbon Nanotubes Composite Based on Acetylcholinesterase Inhibition. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 5662-5666.	0.6	14
303	One-Step Electrochemically Deposited Gold Nanoparticles Interface Grafted with Avidin for Acetylcholinesterase Biosensor Design. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 5685-5691.	0.6	3
304	Sensitive Immunosensor for Cancer Biomarker Based on Dual Signal Amplification Strategy of Graphene Sheets and Multienzyme Functionalized Carbon Nanospheres. <i>Analytical Chemistry</i> , 2010, 82, 2989-2995.	6.5	443
305	Quantum Dot-Based Immunochromatographic Fluorescent Biosensor for Biomonitoring Trichloropyridinol, a Biomarker of Exposure to Chlorpyrifos. <i>Analytical Chemistry</i> , 2010, 82, 5125-5133.	6.5	186
306	Rhodamine-based ratiometric fluorescence sensing for the detection of mercury(II) in aqueous solution. <i>Talanta</i> , 2010, 81, 433-437.	5.9	54

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307	Sensitive immunoassays of nitrated fibrinogen in human biofluids. <i>Talanta</i> , 2010, 81, 1662-1669.	5.9	16
308	One-step electrochemical deposition of Prussian Blue multiwalled carbon nanotube nanocomposite thin-film: preparation, characterization and evaluation for H <sub>2</sub> O <sub>2</sub> sensing. <i>Journal of Materials Chemistry</i> , 2010, 20, 1532-1537.	7.3	78
309	Acetylcholinesterase Biosensor Based on Gold Nanoparticles and Cysteamine Self Assembled Monolayer for Determination of Monocrotophos. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 2368-2373.	0.6	19
310	A gold nanoparticle labeling strategy for the sensitive kinetic assay of the carbamate acetylcholinesterase interaction by surface plasmon resonance. <i>Talanta</i> , 2009, 78, 1036-1042.	5.9	37
311	Biomonitoring of Organophosphorus Agent Exposure by Reactivation of Cholinesterase Enzyme Based on Carbon Nanotube-Enhanced Flow-Injection Amperometric Detection. <i>Analytical Chemistry</i> , 2009, 81, 9314-9320.	6.5	81
312	Development of acetylcholinesterase biosensor based on CdTe quantum dots modified cysteamine self-assembled monolayers. <i>Journal of Electroanalytical Chemistry</i> , 2008, 623, 81-85.	3.8	55
313	Application of chemisorption/desorption process of thiocholine for pesticide detection based on acetylcholinesterase biosensor. <i>Sensors and Actuators B: Chemical</i> , 2008, 134, 908-912.	7.6	55
314	A disposable sensor based on immobilization of acetylcholinesterase to multiwall carbon nanotube modified screen-printed electrode for determination of carbaryl. <i>Journal of Applied Electrochemistry</i> , 2008, 38, 1217-1222.	2.5	45
315	Composite Assembly of Silver Nanoparticles with Avidin and Biotinylated AChE on Gold for the Pesticidal Electrochemical Sensing. <i>Electroanalysis</i> , 2008, 20, 402-409.	2.2	22
316	Multiwalled carbon nanotubes microcolumn preconcentration and determination of gold in geological and water samples by flame atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2008, 63, 714-717.	3.4	95
317	Determination of trace aluminum in biological and water samples by cloud point extraction preconcentration and graphite furnace atomic absorption spectrometry detection. <i>Journal of Hazardous Materials</i> , 2008, 154, 1127-1132.	12.5	82
318	Development of acetylcholinesterase biosensor based on CdTe quantum dots/gold nanoparticles modified chitosan microspheres interface. <i>Biosensors and Bioelectronics</i> , 2008, 24, 475-479.	9.6	135
319	CdTe nanocrystal-based electrochemical biosensor for the recognition of neutravidin by anodic stripping voltammetry at electrodeposited bismuth film. <i>Biosensors and Bioelectronics</i> , 2008, 24, 863-868.	9.6	34
320	Application of multiwalled carbon nanotubes for solid-phase extraction of organophosphate pesticide. <i>Electrochemistry Communications</i> , 2008, 10, 85-89.	3.9	137
321	Stripping voltammetric analysis of organophosphate pesticides based on solid-phase extraction at zirconia nanoparticles modified electrode. <i>Electrochemistry Communications</i> , 2008, 10, 686-690.	3.9	69
322	Cathodic electrochemical analysis of methyl parathion at bismuth-film-modified glassy carbon electrode. <i>Electrochimica Acta</i> , 2008, 53, 4478-4484.	5.3	84
323	Recognition of dimethoate carried by bi-layer electrodeposition of silver nanoparticles and imprinted poly-o-phenylenediamine. <i>Electrochimica Acta</i> , 2008, 53, 6589-6595.	5.3	63
324	LC Determination of Phthalate Esters in Water Samples Using Continuous-Flow Microextraction. <i>Chromatographia</i> , 2008, 68, 393-397.	1.2	9

#	ARTICLE	IF	CITATIONS
325	Immobilization of acetylcholinesterase based on the controllable adsorption of carbon nanotubes onto an alkanethiol monolayer for carbaryl sensing. <i>Analyst</i> , 2008, 133, 1790.	3.1	54
326	Electrochemical pesticide sensitivity test using acetylcholinesterase biosensor based on colloidal gold nanoparticle modified sol-gel interface. <i>Talanta</i> , 2008, 74, 766-772.	5.9	98
327	In situ electrodeposited nanoparticles for facilitating electron transfer across self-assembled monolayers in biosensor design. <i>Talanta</i> , 2008, 74, 1337-1343.	5.9	33
328	Reagentless amperometric carbohydrate antigen 19-9 immunosensor based on direct electrochemistry of immobilized horseradish peroxidase. <i>Talanta</i> , 2007, 71, 1257-1262.	5.9	62
329	Recognition of Glycoprotein Peroxidase via Con A-Carrying Self-Assembly Layer on Gold. <i>Biomacromolecules</i> , 2007, 8, 2142-2148.	5.1	24
330	Determination of carbaryl pesticide using amperometric acetylcholinesterase sensor formed by electrochemically deposited chitosan. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 58, 145-150.	5.3	55
331	Immobilization of acetylcholinesterase on gold nanoparticles embedded in sol-gel film for amperometric detection of organophosphorous insecticide. <i>Biosensors and Bioelectronics</i> , 2007, 23, 130-134.	9.6	156
332	Comparison of pesticide sensitivity by electrochemical test based on acetylcholinesterase biosensor. <i>Biosensors and Bioelectronics</i> , 2007, 23, 285-289.	9.6	87
333	A disposable impedance sensor for electrochemical study and monitoring of adhesion and proliferation of K562 leukaemia cells. <i>Electrochemistry Communications</i> , 2007, 9, 953-958.	3.9	48
334	Synthesis and characterization of bimetallic ruthenium complexes connected through linear (CH) <sub>14</sub> chain. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 3588-3592.	2.1	29
335	One-step electrochemically deposited interface of chitosan-gold nanoparticles for acetylcholinesterase biosensor design. <i>Journal of Electroanalytical Chemistry</i> , 2007, 605, 53-60.	3.8	94
336	Electrochemical thiocholine inhibition sensor based on biocatalytic growth of Au nanoparticles using chitosan as template. <i>Sensors and Actuators B: Chemical</i> , 2007, 127, 317-322.	7.6	49
337	Amperometric detection of triazophos pesticide using acetylcholinesterase biosensor based on multiwall carbon nanotube-chitosan matrix. <i>Sensors and Actuators B: Chemical</i> , 2007, 127, 531-535.	7.6	136
338	Rapid determination of triazophos using acetylcholinesterase biosensor based on sol-gel interface assembling multiwall carbon nanotubes. <i>Journal of Applied Electrochemistry</i> , 2007, 37, 893-898.	2.5	44
339	Comparison of drug sensitivity using acetylcholinesterase biosensor based on nanoparticles-chitosan sol-gel composite. <i>Journal of Electroanalytical Chemistry</i> , 2007, 611, 60-66.	3.8	50
340	Electrochemical immunoassay for CA125 based on cellulose acetate stabilized antigen/colloidal gold nanoparticles membrane. <i>Electrochimica Acta</i> , 2006, 51, 1208-1214.	5.3	83
341	Electrochemical Immunoassay of Human Chorionic Gonadotrophin Based on Its Immobilization in Gold Nanoparticles-Chitosan Membrane. <i>Electroanalysis</i> , 2006, 18, 670-676.	2.2	29
342	An amperometric acetylthiocholine sensor based on immobilization of acetylcholinesterase on a multiwall carbon nanotube-cross-linked chitosan composite. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 387, 1059-1065.	3.4	91

#	ARTICLE	IF	CITATIONS
343	Colloidal gold nanoparticle modified carbon paste interface for studies of tumor cell adhesion and viability. <i>Biomaterials</i> , 2005, 26, 6487-6495.	12.1	81
344	Electrochemical Antitumor Drug Sensitivity Test for Leukemia K562 Cells at a Carbon-Nanotube-Modified Electrode. <i>Chemistry - A European Journal</i> , 2005, 11, 1467-1472.	3.4	97
345	Construction of a Biomimetic Zwitterionic Interface for Monitoring Cell Proliferation and Apoptosis. <i>Langmuir</i> , 2005, 21, 8394-8399.	3.6	27
346	Electrochemical Immunoassay of Membrane P-glycoprotein by Immobilization of Cells on Gold Nanoparticles Modified on a Methoxysilyl-Terminated Butyrylchitosan Matrix. <i>Biochemistry</i> , 2005, 44, 11539-11545.	2.4	76
347	Recognition and Detection of METOL at an L-Cysteine Modified Gold Electrode. <i>Analytical Letters</i> , 2004, 37, 361-375.	2.1	14
348	Self-Assembly of Metalloporphyrin-L-Cysteine Modified Gold Electrode. <i>Journal of Applied Electrochemistry</i> , 2004, 34, 495-500.	2.5	2
349	Differential pulse voltammetry determination of ascorbic acid with ferrocene-l-cysteine self-assembled supramolecular film modified electrode. <i>Sensors and Actuators B: Chemical</i> , 2004, 97, 373-378.	7.6	53
350	Immunological assay for carbohydrate antigen 19-9 using an electrochemical immunosensor and antigen immobilization in titania sol-gel matrix. <i>Journal of Immunological Methods</i> , 2003, 283, 67-75.	1.4	71
351	Preparation and electrochemical properties of Keggin-type phosphomolybdc anions in electrostaticly linked l-cysteine self-assembled monolayers. <i>Sensors and Actuators B: Chemical</i> , 2003, 94, 282-289.	7.6	30
352	THE ELECTROCATALYTIC REDUCTION OF HYDROGEN PEROXIDE BASED ON COULOMBICALLY LINKED FERROCENE ATI-CYSTEINE SELF-ASSEMBLED MONOLAYERS. <i>Analytical Letters</i> , 2002, 35, 1823-1834.	2.1	6
353	Electrochemical behavior of epinephrine at L-cysteine self-assembled monolayers modified gold electrode. <i>Talanta</i> , 2002, 57, 687-692.	5.9	127
354	Studies on the Electrochemical Behaviour of Hydroquinone at L-cysteine Self-Assembled Monolayers Modified Gold Electrode. <i>Sensors</i> , 2002, 2, 41-49.	3.0	55
355	Emerging 2D Materials and Their Hybrid Nanostructures for Label-Free Optical Biosensing: Recent Progress and Outlook. <i>Advanced Functional Materials</i> , 0, 36, .	17.0	1
356	3D-printed hollow microneedle-based electrochemical sensor for wireless glucose monitoring. <i>Analyst</i> , The, 0, 151, 1182-1194.	3.1	0