

# Shu-Feng Liu

## List of Publications by Year in descending order

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113  
papers

4,928  
citations

81743

39  
h-index

106150

65  
g-index

113  
all docs

113  
docs citations

113  
times ranked

5381  
citing authors

#	ARTICLE	IF	CITATIONS
1	Black phosphorous quantum dots for signal-on cathodic photoelectrochemical aptasensor monitoring amyloid $\beta$ peptide. <i>Analytica Chimica Acta</i> , 2022, 1189, 339200.	2.6	15
2	Different spatiotemporal dynamics, ecological drivers and assembly processes of bacterial, archaeal and fungal communities in brackish-saline groundwater. <i>Water Research</i> , 2022, 214, 118193.	5.3	15
3	Electrochemical DNA Scaffold-Based Sensing Platform for Multiple Modes of Protein Assay and a Keypad Lock System. <i>Analytical Chemistry</i> , 2022, 94, 8317-8326.	3.2	3
4	Simultaneous nitrogen and carbon removal in a single biological aerated filter by the bioaugmentation with heterotrophic-aerobic nitrogen removal bacteria. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 3716-3724.	1.2	6
5	Fuel strand-powered self-propelled electrochemical DNA machine for enzyme-free and distinctly amplified detection of nucleic acid with tunable performance. <i>Biosensors and Bioelectronics</i> , 2021, 171, 112706.	5.3	10
6	Minimization of N <sub>2</sub> O Emission through Intermittent Aeration in a Sequencing Batch Reactor (SBR): Main Behavior and Mechanism. <i>Water (Switzerland)</i> , 2021, 13, 210.	1.2	20
7	Assembled molecular beacon-based self-propelled DNA machine for enzyme-free and distinctly amplified nucleic acid detection. <i>Sensors and Actuators B: Chemical</i> , 2021, 339, 129877.	4.0	6
8	In-situ expressions of comammox <i>Nitrospira</i> along the Yangtze River. <i>Water Research</i> , 2021, 200, 117241.	5.3	18
9	Response of microbial nitrogen transformation processes to antibiotic stress in a drinking water reservoir. <i>Science of the Total Environment</i> , 2021, 797, 149119.	3.9	27
10	Response of an aerobic denitrifier to titanium dioxide nanoparticles exposure. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 1446-1454.	1.2	7
11	Self-assembled copper/cobalt-containing polypyrrole hydrogels for highly efficient ORR electrocatalysts. <i>Journal of Molecular Liquids</i> , 2020, 298, 112010.	2.3	44
12	Nickel/Cobalt-Containing polypyrrole hydrogel-derived approach for efficient ORR electrocatalyst. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 586, 124221.	2.3	31
13	g-C <sub>3</sub> N <sub>4</sub> -heme bound to amyloid $\beta$ peptides: In-situ generation of the secondary co-reactant for dual-enhanced electrochemiluminescence assay of amyloid $\beta$ detection. <i>Electrochimica Acta</i> , 2020, 361, 137096.	2.6	17
14	An Integral Recognition and Signaling for Electrochemical Assay of Protein Kinase Activity and Inhibitor by Reduced Graphene Oxide-Polydopamine-Silver Nanoparticle-Ti <sup>4+</sup> Nanocomposite. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 603083.	2.0	7
15	Facile preparation of black phosphorus-based rGO-BP-Pd composite hydrogels with enhanced catalytic reduction of 4-nitrophenol performances for wastewater treatment. <i>Journal of Molecular Liquids</i> , 2020, 310, 113083.	2.3	22
16	Exonuclease III-Powered Self-Propelled DNA Machine for Distinctly Amplified Detection of Nucleic Acid and Protein. <i>Analytical Chemistry</i> , 2020, 92, 9764-9771.	3.2	39
17	Comammox <i>Nitrospira</i> within the Yangtze River continuum: community, biogeography, and ecological drivers. <i>ISME Journal</i> , 2020, 14, 2488-2504.	4.4	106
18	Self-assembled functional components-doped conductive polypyrrole composite hydrogels with enhanced electrochemical performances. <i>RSC Advances</i> , 2020, 10, 10546-10551.	1.7	45

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19	Immuno-DNA binding directed template-free DNA extension and enzyme catalysis for sensitive electrochemical DNA methyltransferase activity assay and inhibitor screening. <i>Analyst, The</i> , 2020, 145, 3064-3072.	1.7	11
20	Fabrication of Hydrogels via Host-Guest Polymers as Highly Efficient Organic Dye Adsorbents for Wastewater Treatment. <i>ACS Omega</i> , 2020, 5, 5470-5479.	1.6	20
21	Ultrasensitive Electrochemical DNA Biosensor Fabrication by Coupling an Integral Multifunctional Zirconia-Reduced Graphene Oxide-Thionine Nanocomposite and Exonuclease I-Assisted Cleavage. <i>Frontiers in Chemistry</i> , 2020, 8, 521.	1.8	17
22	Facile Synthesis of Ag/Pd Nanoparticle-Loaded Poly(ethylene imine) Composite Hydrogels with Highly Efficient Catalytic Reduction of 4-Nitrophenol. <i>ACS Omega</i> , 2020, 5, 3725-3733.	1.6	103
23	Langmuir-Blodgett films of two chiral perylene bisimide-based molecules: Aggregation and supramolecular chirality. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 591, 124563.	2.3	28
24	Facile Synthesis of Self-Assembled NiFe Layered Double Hydroxide-Based Azobenzene Composite Films with Photoisomerization and Chemical Gas Sensor Performances. <i>ACS Omega</i> , 2020, 5, 3689-3698.	1.6	44
25	Synthesis of self-assembled phytic acid-MXene nanocomposites via a facile hydrothermal approach with elevated dye adsorption capacities. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 589, 124468.	2.3	118
26	Facile synthesis of cobalt phosphide nanoparticles as highly active electrocatalysts for hydrogen evolution reaction. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 600, 124925.	2.3	13
27	Facile preparation of self-assembled chitosan-based composite hydrogels with enhanced adsorption performances. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 598, 124860.	2.3	36
28	Fabrication of CS/GA/RGO/Pd composite hydrogels for highly efficient catalytic reduction of organic pollutants. <i>RSC Advances</i> , 2020, 10, 15091-15097.	1.7	90
29	Responsive methylene blue release from lanthanide coordination polymer for label-free, immobilization-free and sensitive electrochemical alkaline phosphatase activity assay. <i>Analyst, The</i> , 2019, 144, 5971-5979.	1.7	15
30	Systematic study of the substitution effect on the tetrel bond between 1,4-diazabicyclo[2.2.2]octane and TH <sub>3</sub> X. <i>RSC Advances</i> , 2019, 9, 18459-18466.	1.7	6
31	A catalytic DNA circuit-programmed and enzyme-powered autonomous DNA machine for nucleic acid detection. <i>Analyst, The</i> , 2019, 144, 5923-5927.	1.7	8
32	Responsive surface bioaffinity binding to construct flexible and sensitive electrochemical aptasensors. <i>Analyst, The</i> , 2019, 144, 2130-2137.	1.7	8
33	A label-free and signal-on electrochemiluminescence strategy for sensitive amyloid-beta assay. <i>Biosensors and Bioelectronics</i> , 2019, 141, 111438.	5.3	25
34	Simultaneous nitrification, denitrification and phosphorus removal in a sequencing batch reactor (SBR) under low temperature. <i>Chemosphere</i> , 2019, 229, 132-141.	4.2	116
35	Copper-Catalyzed Homocoupling of Alkyl Halides in the Presence of Samarium. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 858-862.	1.3	15
36	Etched PtCu nanowires as a peroxidase mimic for colorimetric determination of hydrogen peroxide. <i>Mikrochimica Acta</i> , 2019, 186, 186.	2.5	28

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37	Quantum Dot Doping-Induced Photoluminescence for Facile, Label-Free, and Sensitive Pyrophosphatase Activity Assay and Inhibitor Screening. <i>Nanomaterials</i> , 2019, 9, 111.	1.9	5
38	Tetrel Bond between 6-OTX3-Fulvene and NH <sub>3</sub> : Substituents and Aromaticity. <i>Molecules</i> , 2019, 24, 10.	1.7	26
39	Synergistic and diminutive effects between triel bond and regium bond: Attractive interactions between $\sigma$ -hole and $\pi$ -hole. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4806.	1.7	25
40	Comparison of $\sigma$ -hole and $\pi$ -hole tetrel bonds in complexes of borazine with TH <sub>3</sub> F and F <sub>2</sub> TO/H <sub>2</sub> TO (T = C, Si, Ge). <i>International Journal of Quantum Chemistry</i> , 2019, 119, e25910.	1.0	19
41	Carbene triel bonds between TrR <sub>3</sub> (T = B, Al) and N-heterocyclic carbenes. <i>International Journal of Quantum Chemistry</i> , 2019, 119, e25867.	1.0	27
42	Transcriptional activity and diversity of comammox bacteria as a previously overlooked ammonia oxidizing prokaryote in full-scale wastewater treatment plants. <i>Science of the Total Environment</i> , 2019, 656, 717-722.	3.9	66
43	Comparison of $\sigma$ -hole Tetrel Bonds between TH <sub>3</sub> F/F <sub>2</sub> TO and H <sub>2</sub> CX (X=O, S, Se). <i>ChemPhysChem</i> , 2019, 20, 627-635.	1.0	28
44	Proximity recognition and polymerase-powered DNA walker for one-step and amplified electrochemical protein analysis. <i>Biosensors and Bioelectronics</i> , 2019, 128, 104-112.	5.3	32
45	Genomic insights into metabolic potentials of two simultaneous aerobic denitrification and phosphorus removal bacteria, <i>Achromobacter</i> sp. GAD3 and <i>Agrobacterium</i> sp. LAD9. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	31
46	A Modular Nanoswitch for Mix-and-Detect Protein Assay Based on Binding-Induced Cascade Dissociation of Kissing Complex. <i>ChemBioChem</i> , 2018, 19, 716-722.	1.3	3
47	Allosteric kissing complex-based electrochemical biosensor for sensitive, regenerative and versatile detection of proteins. <i>Biosensors and Bioelectronics</i> , 2018, 105, 42-48.	5.3	12
48	A cascade autocatalytic strand displacement amplification and hybridization chain reaction event for label-free and ultrasensitive electrochemical nucleic acid biosensing. <i>Biosensors and Bioelectronics</i> , 2018, 113, 1-8.	5.3	70
49	Reduced Graphene Oxide-Zirconium Dioxide-Thionine Nanocomposite Integrating Recognition, Amplification, and Signaling for an Electrochemical Assay of Protein Kinase Activity and Inhibitor Screening. <i>ACS Applied Bio Materials</i> , 2018, 1, 1557-1565.	2.3	20
50	Integrated biogeography of planktonic and sedimentary bacterial communities in the Yangtze River. <i>Microbiome</i> , 2018, 6, 16.	4.9	208
51	Affinity Binding-Induced Hg <sup>2+</sup> Release and Quantum Dot Doping for General, Label-Free, and Homogenous Fluorescence Protein Assay. <i>ACS Sensors</i> , 2018, 3, 1401-1408.	4.0	15
52	Label-free, non-enzymatic and ultrasensitive electrochemical nucleic acid biosensing by tandem DNA-fueled target recycling and hybridization chain reaction. <i>Sensors and Actuators B: Chemical</i> , 2017, 244, 450-457.	4.0	13
53	Universal Dynamic DNA Assembly-Programmed Surface Hybridization Effect for Single-Step, Reusable, and Amplified Electrochemical Nucleic Acid Biosensing. <i>Analytical Chemistry</i> , 2017, 89, 3108-3115.	3.2	37
54	Effects of ZnO nanoparticles on aerobic denitrification by strain <i>Pseudomonas stutzeri</i> PCN-1. <i>Bioresource Technology</i> , 2017, 239, 21-27.	4.8	38

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55	Exonuclease-Catalyzed Methylene Blue Releasing and Enriching onto a Dodecanethiol Monolayer for an Immobilization-Free and Highly Sensitive Electrochemical Nucleic Acid Biosensor. <i>Langmuir</i> , 2017, 33, 5099-5107.	1.6	9
56	Ultrasensitive electrochemical DNAzyme sensor for lead ion based on cleavage-induced template-independent polymerization and alkaline phosphatase amplification. <i>Biosensors and Bioelectronics</i> , 2016, 83, 33-38.	5.3	54
57	An autocatalytic DNA machine with autonomous target recycling and cascade circular exponential amplification for one-pot, isothermal and ultrasensitive nucleic acid detection. <i>Chemical Communications</i> , 2016, 52, 11108-11111.	2.2	8
58	Potential application of aerobic denitrifying bacterium <i>Pseudomonas aeruginosa</i> PCN-2 in nitrogen oxides (NO <sub>x</sub> ) removal from flue gas. <i>Journal of Hazardous Materials</i> , 2016, 318, 571-578.	6.5	44
59	Ultrasensitive electrochemical detection of nucleic acid by coupling an autonomous cascade target replication and enzyme/gold nanoparticle-based post-amplification. <i>Biosensors and Bioelectronics</i> , 2016, 80, 208-214.	5.3	19
60	Label-free electrochemical nucleic acid biosensing by tandem polymerization and cleavage-mediated cascade target recycling and DNAzyme amplification. <i>Biosensors and Bioelectronics</i> , 2016, 77, 818-823.	5.3	13
61	Catalytic Hairpin Assembly-Programmed DNA Three-Way Junction for Enzyme-Free and Amplified Electrochemical Detection of Target DNA. <i>Chemistry - an Asian Journal</i> , 2015, 10, 1903-1908.	1.7	12
62	Responsive hairpin DNA aptamer switch to program the strand displacement reaction for the enhanced electrochemical assay of ATP. <i>Analyst</i> , 2015, 140, 5877-5880.	1.7	15
63	Label-free, isothermal and ultrasensitive electrochemical detection of DNA and DNA 3'-phosphatase using a cascade enzymatic cleavage strategy. <i>Chemical Communications</i> , 2015, 51, 176-179.	2.2	30
64	Programmable Mg <sup>2+</sup> -dependent DNAzyme switch by the catalytic hairpin DNA assembly for dual-signal amplification toward homogeneous analysis of protein and DNA. <i>Chemical Communications</i> , 2015, 51, 7364-7367.	2.2	64
65	A programmable Y-shaped junction scaffold-mediated modular and cascade amplification strategy for the one-step, isothermal and ultrasensitive detection of target DNA. <i>Chemical Communications</i> , 2015, 51, 17756-17759.	2.2	10
66	Highly sensitive fluorescence detection of target DNA by coupling exonuclease-assisted cascade target recycling and DNAzyme amplification. <i>Biosensors and Bioelectronics</i> , 2015, 63, 99-104.	5.3	68
67	DNAzyme-guided polymerization of aniline for ultrasensitive electrochemical detection of nucleic acid with bio-bar codes-initiated rolling circle amplification. <i>Sensors and Actuators B: Chemical</i> , 2014, 190, 384-388.	4.0	19
68	Enzyme-free and label-free ultrasensitive electrochemical detection of DNA and adenosine triphosphate by dendritic DNA concatamer-based signal amplification. <i>Biosensors and Bioelectronics</i> , 2014, 56, 12-18.	5.3	47
69	Label-free colorimetric assay for base excision repair enzyme activity based on nicking enzyme assisted signal amplification. <i>Biosensors and Bioelectronics</i> , 2014, 54, 598-602.	5.3	92
70	Highly sensitive detection of T4 polynucleotide kinase activity by coupling split DNAzyme and ligation-triggered DNAzyme cascade amplification. <i>Biosensors and Bioelectronics</i> , 2014, 55, 225-230.	5.3	32
71	Exonuclease III-Aided Autocatalytic DNA Biosensing Platform for Immobilization-Free and Ultrasensitive Electrochemical Detection of Nucleic Acid and Protein. <i>Analytical Chemistry</i> , 2014, 86, 4008-4015.	3.2	155
72	Amplified Detection of T4 Polynucleotide Kinase Activity by the Coupled Exonuclease Cleavage Reaction and Catalytic Assembly of Bimolecular Beacons. <i>Analytical Chemistry</i> , 2014, 86, 884-890.	3.2	105

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73	Amplified detection of T4 polynucleotide kinase activity based on a λ-exonuclease cleavage-induced DNAzyme releasing strategy. <i>Sensors and Actuators B: Chemical</i> , 2014, 192, 157-163.	4.0	24
74	A novel electrochemical biosensor for label-free detection of uracil DNA glycosylase activity based on enzyme-catalyzed removal of uracil bases inducing strand release. <i>Electrochimica Acta</i> , 2013, 113, 514-518.	2.6	32
75	Label-Free and Ultrasensitive Electrochemical Detection of Nucleic Acids Based on Autocatalytic and Exonuclease III-Assisted Target Recycling Strategy. <i>Analytical Chemistry</i> , 2013, 85, 2282-2288.	3.2	160
76	Amplified detection of DNA by an analyte-induced Y-shaped junction probe assembly followed with a nicking endonuclease-mediated autocatalytic recycling process. <i>Chemical Communications</i> , 2013, 49, 7947.	2.2	19
77	A hierarchical Co-Fe LDH rope-like nanostructure: facile preparation from hexagonal lyotropic liquid crystals and intrinsic oxidase-like catalytic activity. <i>Journal of Materials Chemistry B</i> , 2013, 1, 1263.	2.9	65
78	Homogeneous electrochemical aptamer-based ATP assay with signal amplification by exonuclease III assisted target recycling. <i>Chemical Communications</i> , 2013, 49, 2335.	2.2	113
79	Enzyme-free and ultrasensitive electrochemical detection of nucleic acids by target catalyzed hairpin assembly followed with hybridization chain reaction. <i>Biosensors and Bioelectronics</i> , 2013, 49, 472-477.	5.3	82
80	A label-free and colorimetric turn-on assay for coralyne based on coralyne-induced formation of peroxidase-mimicking split DNAzyme. <i>Analyst</i> , 2013, 138, 4728.	1.7	24
81	Simultaneous electrochemical determination of dopamine and ascorbic acid using AuNPs@polyaniline core-shell nanocomposites modified electrode. <i>Talanta</i> , 2012, 89, 136-141.	2.9	86
82	Carbon-nanotube-modified glassy carbon electrode for simultaneous determination of dopamine, ascorbic acid and uric acid: The effect of functional groups. <i>Sensors and Actuators B: Chemical</i> , 2012, 171-172, 1132-1140.	4.0	85
83	Development of an electrochemical DNA biosensor with the DNA immobilization based on in situ generation of dithiocarbamate ligands. <i>Bioelectrochemistry</i> , 2012, 88, 30-35.	2.4	16
84	Sensitive colorimetric visualization of dihydronicotinamide adenine dinucleotide based on anti-aggregation of gold nanoparticles via boronic acid-diols binding. <i>Biosensors and Bioelectronics</i> , 2012, 35, 443-446.	5.3	37
85	Triggered activity of a nicking endonuclease for mercuric(ii) ion-mediated duplex-like DNA cleavage. <i>Chemical Communications</i> , 2011, 47, 6347.	2.2	20
86	Electrochemical synthesis of gold nanostructure modified electrode and its development in electrochemical DNA biosensor. <i>Biosensors and Bioelectronics</i> , 2011, 30, 151-157.	5.3	58
87	Development of an electrochemical DNA biosensor with a high sensitivity of fM by dendritic gold nanostructure modified electrode. <i>Biosensors and Bioelectronics</i> , 2011, 26, 2619-2625.	5.3	121
88	Development of an electrochemical ascorbic acid sensor based on the incorporation of a ferricyanide mediator with a polyelectrolyte-calcium carbonate microsphere. <i>Electrochimica Acta</i> , 2010, 55, 838-843.	2.6	54
89	Electrochemical DNA biosensor fabrication with hollow gold nanospheres modified electrode and its enhancement in DNA immobilization and hybridization. <i>Biosensors and Bioelectronics</i> , 2010, 25, 1640-1645.	5.3	90
90	Development of electrochemical DNA biosensor based on gold nanoparticle modified electrode by electrodeless deposition. <i>Bioelectrochemistry</i> , 2010, 79, 37-42.	2.4	44

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91	Highly sensitive and selective turn-on fluorescent chemosensor for Pb <sup>2+</sup> and Hg <sup>2+</sup> based on a rhodamine-phenylurea conjugate. <i>Chemical Communications</i> , 2010, 46, 3765.	2.2	185
92	Electrochemical sensing platform based on covalent immobilization of thionine onto gold electrode surface via diazotization-coupling reaction. <i>Talanta</i> , 2010, 83, 205-209.	2.9	6
93	Electrochemistry of hemoglobin entrapped in a Nafion/nano-ZnO film on carbon ionic liquid electrode. <i>Bioelectrochemistry</i> , 2009, 74, 295-300.	2.4	67
94	Electrochemical DNA biosensor for the detection of DNA hybridization with the amplification of Au nanoparticles and CdS nanoparticles. <i>Bioelectrochemistry</i> , 2009, 75, 37-43.	2.4	109
95	Nucleic acid biosensor for DNA hybridization detection using rutin-Cu as an electrochemical indicator. <i>Electrochimica Acta</i> , 2009, 54, 1564-1569.	2.6	19
96	Voltammetric study of fullerene C <sub>60</sub> and fullerene C <sub>60</sub> nanotubes with sandwich method. <i>Synthetic Metals</i> , 2009, 159, 419-423.	2.1	13
97	Readily Reusable Electrochemical DNA Hybridization Biosensor Based on the Interaction of DNA with Single-Walled Carbon Nanotubes. <i>Analytical Chemistry</i> , 2009, 81, 6006-6012.	3.2	159
98	Highly Sensitive and Selective Uric Acid Biosensor Based on Direct Electron Transfer of Hemoglobin-encapsulated Chitosan-modified Glassy Carbon Electrode. <i>Analytical Sciences</i> , 2009, 25, 1013-1017.	0.8	37
99	Electrochemical biosensor based on the interaction between copper(II) complex with 4,5-diazafluorene-9-one and bromine ligands and deoxyribonucleic acid. <i>Electrochimica Acta</i> , 2008, 53, 2870-2876.	2.6	21
100	Electrochemical DNA biosensor for the detection of interaction between di[azino-di(5,6-azafluorene)- $\beta$ -2-NN] <sup>2-</sup> dichlormanganous and DNA. <i>Sensors and Actuators B: Chemical</i> , 2008, 133, 582-587.	4.0	9
101	DNA Electrochemical Sensor Based on PbSe Nanoparticle for the Sensitive Detection of CaMV35S Gene Sequence. <i>Chinese Journal of Analytical Chemistry</i> , 2008, 36, 874-878.	0.9	13
102	Fabrication, Characterization, and Application of "Sandwich" Type Electrode Based on Single-Walled Carbon Nanotubes and Room Temperature Ionic Liquid. <i>Electroanalysis</i> , 2008, 20, 1909-1916.	1.5	6
103	Electrochemical behavior and determination of rutin on a pyridinium-based ionic liquid modified carbon paste electrode. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 1326-1331.	1.4	75
104	Atomic force microscopy visualization of the DNA network and molecular morphological transition on a mica surface. <i>Thin Solid Films</i> , 2008, 516, 7555-7559.	0.8	7
105	Direct electrochemistry of single-stranded DNA on an ionic liquid modified carbon paste electrode. <i>Electrochemistry Communications</i> , 2008, 10, 298-301.	2.3	70
106	Determination of Physiological Thiols by Electrochemical Detection with Piaseleole and Its Application in Rat Breast Cancer Cells 4T-1. <i>Journal of the American Chemical Society</i> , 2008, 130, 10846-10847.	6.6	134
107	Rapid and cost-effective detection of sequence-specific DNA by monitoring the electrochemical response of 2'-deoxyguanosine 5'-triphosphate in a PCR sample. <i>Analyst</i> , The, 2008, 133, 1729.	1.7	20
108	Influence of gold nanoparticle modified electrode on the mediation reduction of ferricyanide by methylene blue. <i>Journal of Electroanalytical Chemistry</i> , 2007, 602, 55-60.	1.9	25

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109	Morphology of surfactant-polymer complexes on mica substrate visualized by atomic force microscopy. <i>Canadian Journal of Chemistry</i> , 2006, 84, 1557-1562.	0.6	1
110	Determination of surfactant molecular volume by atomic force microscopy. <i>Colloid Journal</i> , 2006, 68, 784-787.	0.5	17
111	Surface modification of platinum quartz crystal microbalance by controlled electroless deposition of gold nanoparticles and its enhancing effect on the HS-DNA immobilization. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 257-258, 57-62.	2.3	17
112	The influence of gold nanoparticle modified electrode on the structure of mercaptopropionic acid self-assembly monolayer. <i>Electrochimica Acta</i> , 2005, 51, 427-431.	2.6	53
113	Enhancement of DNA immobilization and hybridization on gold electrode modified by nanogold aggregates. <i>Biosensors and Bioelectronics</i> , 2005, 21, 789-795.	5.3	125