

# MartinÂ m F Choi

## List of Publications by Year in descending order

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209  
papers

8,301  
citations

41258

49  
h-index

60497

81  
g-index

209  
all docs

209  
docs citations

209  
times ranked

10707  
citing authors

#	ARTICLE	IF	CITATIONS
1	Size-dependent electrophoretic migration and separation of water-soluble gold nanoclusters by capillary electrophoresis. <i>Electrophoresis</i> , 2019, 40, 1345-1352.	1.3	4
2	Structural and optical properties of penicillamine-protected gold nanocluster fractions separated by sequential size-selective fractionation. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 955-966.	1.5	4
3	Synthesis of N-acetyl-L-cysteine capped Mn:doped CdS quantum dots for quantitative detection of copper ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 199, 455-461.	2.0	16
4	Chromatographic separation and mass spectrometric analysis of N-acetyl-L-cysteine-protected palladium nanoparticles. <i>Analytical Methods</i> , 2017, 9, 4539-4546.	1.3	7
5	Characterization and Analytical Separation of Fluorescent Carbon Nanodots. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-23.	1.5	40
6	Highly selective and sensitive nanoprobe for Hg(II) ions based on photoluminescent gold nanoclusters. <i>Sensors and Actuators B: Chemical</i> , 2016, 235, 386-393.	4.0	36
7	Phosphorus and Nitrogen Dual-Doped Hollow Carbon Dot as a Nanocarrier for Doxorubicin Delivery and Biological Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 11288-11297.	4.0	252
8	Near-infrared photoluminescence enhancement of N-acetyl-L-cysteine (NAC)-protected gold nanoparticles via fluorescence resonance energy transfer from NAC-stabilized CdTe quantum dots. <i>RSC Advances</i> , 2016, 6, 88042-88049.	1.7	1
9	Degradation of hydrocarbons by indigenous microbial communities from two adjacent oil production wells in one block. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2016, 38, 3423-3434.	1.2	1
10	Elucidating the structure of carbon nanoparticles by ultra-performance liquid chromatography coupled with electrospray ionisation quadrupole time-of-flight tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2016, 911, 100-107.	2.6	14
11	UHPLC combined with mass spectrometric study of as-synthesized carbon dots samples. <i>Talanta</i> , 2016, 146, 340-350.	2.9	18
12	Capillary electrophoretic study of green fluorescent hollow carbon nanoparticles. <i>Electrophoresis</i> , 2015, 36, 2110-2119.	1.3	16
13	Using live algae at the anode of a microbial fuel cell to generate electricity. <i>Environmental Science and Pollution Research</i> , 2015, 22, 15621-15635.	2.7	95
14	An integrated approach of bioassay and molecular docking to study the dihydroxylation mechanism of pyrene by naphthalene dioxygenase in <i>Rhodococcus sp. ustb-1</i> . <i>Chemosphere</i> , 2015, 128, 307-313.	4.2	22
15	High-performance liquid chromatography coupled with mass spectrometry for analysis of ultrasmall palladium nanoparticles. <i>Talanta</i> , 2015, 131, 632-639.	2.9	10
16	Carbon dots isolated from chromatographic fractions for sensing applications. <i>RSC Advances</i> , 2015, 5, 106838-106847.	1.7	11
17	Role of UHPLC in evaluating as-synthesised ligand-protected gold nanoparticles products. <i>Analytical Methods</i> , 2015, 7, 2452-2457.	1.3	4
18	Facile synthesis of nitrogen-doped carbon dots for Fe <sup>3+</sup> sensing and cellular imaging. <i>Analytica Chimica Acta</i> , 2015, 861, 74-84.	2.6	283

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19	High-quality water-soluble luminescent carbon dots for multicolor patterning, sensors, and bioimaging. <i>RSC Advances</i> , 2015, 5, 16972-16979.	1.7	68
20	One pot selective synthesis of water and organic soluble carbon dots with green fluorescence emission. <i>RSC Advances</i> , 2015, 5, 11667-11675.	1.7	68
21	Concentration-dependent effect of photoluminescent carbon dots on the microbial activity of the soil studied by combination methods. <i>Environmental Toxicology and Pharmacology</i> , 2015, 39, 857-863.	2.0	7
22	Low temperature synthesis of phosphorous and nitrogen co-doped yellow fluorescent carbon dots for sensing and bioimaging. <i>Journal of Materials Chemistry B</i> , 2015, 3, 6813-6819.	2.9	144
23	Sensitive determination of kaempferol using carbon dots as a fluorescence probe. <i>Talanta</i> , 2015, 144, 390-397.	2.9	22
24	Fast microwave-assisted synthesis of AuAg bimetallic nanoclusters with strong yellow emission and their response to mercury(II) ions. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 386-392.	4.0	46
25	Fluorescence quenching for chloramphenicol detection in milk based on protein-stabilized Au nanoclusters. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 149, 615-620.	2.0	28
26	Doped zinc sulfide quantum dots based phosphorescence turn-off/on probe for detecting histidine in biological fluid. <i>Analytica Chimica Acta</i> , 2015, 856, 82-89.	2.6	38
27	Carbon nanodots interference with lactate dehydrogenase assay in human monocyte THP-1 cells. <i>SpringerPlus</i> , 2014, 3, 615.	1.2	9
28	Determination of three nitroimidazoles in rabbit plasma by two-step stacking in capillary zone electrophoresis featuring sweeping and micelle to solvent stacking. <i>Journal of Chromatography A</i> , 2014, 1325, 227-233.	1.8	23
29	A combined approach of physicochemical and biological methods for the characterization of petroleum hydrocarbon-contaminated soil. <i>Environmental Science and Pollution Research</i> , 2014, 21, 454-463.	2.7	23
30	Properties and characterization of biosurfactant in crude oil biodegradation by bacterium <i>Bacillus methylotrophicus</i> USTBa. <i>Fuel</i> , 2014, 122, 140-148.	3.4	108
31	High-performance liquid chromatographic and mass spectrometric analysis of fluorescent carbon nanodots. <i>Talanta</i> , 2014, 129, 529-538.	2.9	33
32	A sensitive AgNPs/CuO nanofibers non-enzymatic glucose sensor based on electrospinning technology. <i>Sensors and Actuators B: Chemical</i> , 2014, 195, 431-438.	4.0	148
33	Whole-cell biosensor for determination of methanol. <i>Sensors and Actuators B: Chemical</i> , 2014, 201, 586-591.	4.0	32
34	A star-shaped bipolar host material based on carbazole and dimesitylboron moieties for fabrication of highly efficient red, green and blue electrophosphorescent devices. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2160-2168.	2.7	25
35	Isolation and characterization of crude-oil-degrading bacteria from oil-water mixture in Dagang oilfield, China. <i>International Biodeterioration and Biodegradation</i> , 2014, 87, 52-59.	1.9	43
36	Determination of doxorubicin in plasma by using $\text{CE}$ coupled with in-column tapered optical fiber light emitting diode induced fluorescence detection. <i>Electrophoresis</i> , 2014, 35, 762-769.	1.3	11

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37	A novel tetraphenylethene‐carbazole type compound containing the dimesitylboron moiety: aggregation-induced emission enhancement and electroluminescence properties. <i>RSC Advances</i> , 2014, 4, 19418-19421.	1.7	13
38	Magnetic-field-induced growth of silver dendrite-crystalline Liesegang rings. <i>CrystEngComm</i> , 2014, 16, 6542-6546.	1.3	9
39	Red-green-blue fluorescent hollow carbon nanoparticles isolated from chromatographic fractions for cellular imaging. <i>Nanoscale</i> , 2014, 6, 8162.	2.8	89
40	Better understanding of carbon nanoparticles via high‐performance liquid chromatography‐fluorescence detection and mass spectrometry. <i>Electrophoresis</i> , 2014, 35, 2454-2462.	1.3	36
41	Influence of short-time imidacloprid and acetamiprid application on soil microbial metabolic activity and enzymatic activity. <i>Environmental Science and Pollution Research</i> , 2014, 21, 10129-10138.	2.7	27
42	Green synthesis of fluorescent nitrogen/sulfur-doped carbon dots and investigation of their properties by HPLC coupled with mass spectrometry. <i>RSC Advances</i> , 2014, 4, 18065-18073.	1.7	88
43	Combination of pentafluorophenylhydrazine derivatization and isotope dilution LC-MS/MS techniques for the quantification of apurinic/apyrimidinic sites in cellular DNA. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 4059-4066.	1.9	29
44	Capillary electrophoretic study of amine/carboxylic acid-functionalized carbon nanodots. <i>Journal of Chromatography A</i> , 2013, 1304, 234-240.	1.8	66
45	A novel asymmetric indolo[3,2-b]carbazole derivative containing benzothiazole and dimesitylboron units: Synthesis, photophysical and sensing properties. <i>Synthetic Metals</i> , 2013, 179, 42-48.	2.1	14
46	Phytotoxicity of Long-Term Total Petroleum Hydrocarbon-Contaminated Soil‐A Comparative and Combined Approach. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	1.1	23
47	Probing Histidine-Stabilized Gold Nanoclusters Product by High-Performance Liquid Chromatography and Mass Spectrometry. <i>Journal of Physical Chemistry C</i> , 2013, 117, 18697-18708.	1.5	35
48	Synthesis of High-Quality N-Acetyl-Cysteine-Capped CdTe Quantum Dots by Hydrothermal Route and the Characterization through MALDI-TOF Mass Spectrometry. <i>Journal of Physical Chemistry C</i> , 2013, 117, 19175-19181.	1.5	33
49	Biosensor for determination of hydrogen peroxide based on <i>Yucca filamentosa</i> membrane. <i>Analytical Methods</i> , 2013, 5, 5437.	1.3	5
50	Immobilization of platinum nanoparticles and glucose oxidase on eggshell membrane for glucose detection. <i>Analytical Methods</i> , 2013, 5, 5154.	1.3	24
51	A novel ratiometric emission probe for Ca <sup>2+</sup> in living cells. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 503-508.	1.5	10
52	Synthesis and photophysical studies of oxazole rings containing compounds as electron accepting units. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 102, 256-262.	2.0	5
53	Low-potential amperometric detection of dopamine based on MnO <sub>2</sub> nanowires/chitosan modified gold electrode. <i>Electrochimica Acta</i> , 2013, 89, 832-839.	2.6	42
54	Microcalorimetric investigation of the effect of non-ionic surfactant on biodegradation of pyrene by PAH-degrading bacteria <i>Burkholderia cepacia</i> . <i>Ecotoxicology and Environmental Safety</i> , 2013, 98, 361-367.	2.9	48

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55	Phosphorescence detection of L-ascorbic acid with surface-attached N-acetyl-L-cysteine and L-cysteine Mn doped ZnS quantum dots. <i>Talanta</i> , 2013, 116, 794-800.	2.9	23
56	L-Ascorbic acid biosensing assay from enzyme-immobilized pig bladder membrane as a novel platform. <i>Analytical Methods</i> , 2013, 5, 1253.	1.3	6
57	Detection of ethanol in food: A new biosensor based on bacteria. <i>Journal of Food Engineering</i> , 2013, 118, 56-61.	2.7	19
58	HPLC-UV quantitative analysis of acrylamide in baked and deep-fried Chinese foods. <i>Journal of Food Composition and Analysis</i> , 2013, 31, 7-11.	1.9	48
59	Glutathione-protected fluorescent gold nanoclusters for sensitive and selective detection of Cu <sup>2+</sup> . <i>Sensors and Actuators B: Chemical</i> , 2013, 183, 583-588.	4.0	84
60	An efficient biosurfactant-producing and crude-oil emulsifying bacterium <i>Bacillus methylotrophicus</i> USTBa isolated from petroleum reservoir. <i>Biochemical Engineering Journal</i> , 2013, 74, 46-53.	1.8	92
61	Adsorption and desorption of dimethyl phthalate on carbon nanotubes in aqueous copper(II) solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 417, 47-56.	2.3	13
62	Effect of pH and Temperature on Adsorption of Dimethyl Phthalate on Carbon Nanotubes in Aqueous Phase. <i>Analytical Letters</i> , 2013, 46, 379-393.	1.0	6
63	Nanosized TiO <sub>2</sub> for Photocatalytic Water Splitting Studied by Oxygen Sensor and Data Logger. <i>Journal of Chemical Education</i> , 2012, 89, 1319-1322.	1.1	13
64	High-performance liquid chromatographic analysis of as-synthesised N,N- $\epsilon$ -2-dimethylformamide-stabilised gold nanoclusters product. <i>Nanoscale</i> , 2012, 4, 5325.	2.8	34
65	Determination of glucose in human serum based on an onion primary cuticula biosensor immobilized glucose oxidase. <i>Analytical Methods</i> , 2012, 4, 1432.	1.3	3
66	CdS nanotubes thin film for electrochemiluminescence analysis of phenolic compounds. <i>Analytical Methods</i> , 2012, 4, 1053.	1.3	26
67	Liesegang rings of dendritic silver crystals emerging from galvanic displacement reaction in a liquid-phase solution. <i>RSC Advances</i> , 2012, 2, 4627.	1.7	19
68	Microwave-assisted non-aqueous homogenous precipitation of nanoball-like mesoporous $\gamma$ -Ni(OH) <sub>2</sub> as a precursor for NiOx and its application as a pseudocapacitor. <i>Journal of Materials Chemistry</i> , 2012, 22, 8029.	6.7	117
69	Redox Modification of CdSe/ZnS Polymer Quantum Dots: Photoassisted Fluorescence Quenching and Recovery. <i>Journal of Physical Chemistry C</i> , 2012, 116, 18479-18486.	1.5	3
70	Determination of five nitroimidazole residues in artificial porcine muscle tissue samples by capillary electrophoresis. <i>Talanta</i> , 2012, 88, 646-652.	2.9	50
71	Determination of puerarin in pharmaceutical and biological samples by capillary zone electrophoresis with UV detection. <i>Talanta</i> , 2012, 91, 83-87.	2.9	8
72	Simultaneous determination of L-ascorbic acid, dopamine and uric acid with gold nanoparticles- $\gamma$ -cyclodextrin-graphene-modified electrode by square wave voltammetry. <i>Talanta</i> , 2012, 93, 79-85.	2.9	227

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73	Flower-shaped gold crystals grown on anodic etched porous silicon. <i>Materials Letters</i> , 2012, 86, 100-103.	1.3	1
74	Ultrahigh performance liquid chromatographic analysis and magnetic preconcentration of polycyclic aromatic hydrocarbons by Fe <sub>3</sub> O <sub>4</sub> -doped polymeric nanoparticles. <i>Journal of Chromatography A</i> , 2012, 1247, 1-9.	1.8	37
75	Mass Spectrometric Identification of Water-Soluble Gold Nanocluster Fractions from Sequential Size-Selective Precipitation. <i>Analytical Chemistry</i> , 2012, 84, 1765-1771.	3.2	22
76	Synthesis, photophysical and electrochemical properties and theoretical studies on three novel indolo[3,2-b]carbazole derivatives containing benzothiazole units. <i>Tetrahedron</i> , 2012, 68, 9788-9794.	1.0	13
77	Microwave-assisted synthesis of BSA-stabilized and HSA-protected gold nanoclusters with red emission. <i>Journal of Materials Chemistry</i> , 2012, 22, 1000-1005.	6.7	146
78	Electrogenerated Chemiluminescence Behavior of Graphite-like Carbon Nitride and Its Application in Selective Sensing Cu <sup>2+</sup> . <i>Analytical Chemistry</i> , 2012, 84, 4754-4759.	3.2	344
79	An ethanol biosensor based on a bacterial cell-immobilized eggshell membrane. <i>Chinese Chemical Letters</i> , 2012, 23, 481-483.	4.8	11
80	Electrodeposition of palladium nanoparticles on fullerene modified glassy carbon electrode for methane sensing. <i>Electrochimica Acta</i> , 2012, 76, 288-291.	2.6	22
81	Luminescence and binding properties of two isoquinoline alkaloids chelerythrine and sanguinarine with ctDNA. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 95, 80-85.	2.0	35
82	Flow sensing property of electrochemiluminescent bundled CdS nanotubes thin film. <i>Materials Letters</i> , 2012, 81, 76-79.	1.3	1
83	Synthesis and Characterization of Water-Soluble Monolayer-Protected Gold Nanoparticles. <i>Advanced Materials Research</i> , 2011, 415-417, 617-620.	0.3	1
84	A novel droplet sensor based on liquid-phase microextraction for on-line aluminum analysis. <i>Analytical Methods</i> , 2011, 3, 2273.	1.3	5
85	In situ synthesis of gold nanoparticles on porous polyacrylonitrile nanofibers for sensing applications. <i>Analyst</i> , 2011, 136, 4545.	1.7	29
86	An Evidence for the Chiral Discrimination of Naproxen Enantiomers: A Combined Experimental and Theoretical Study. <i>Journal of Physical Chemistry C</i> , 2011, 115, 4033-4040.	1.5	17
87	Fast Growth Synthesis of Silver Dendrite Crystals Assisted by Sulfate Ion and Its Application for Surface-Enhanced Raman Scattering. <i>Journal of Physical Chemistry C</i> , 2011, 115, 9943-9951.	1.5	79
88	Development of a galactose biosensor with galactose oxidase-immobilized epidermis of <i>Solanum lycopersicum</i> : Potential point-of-care testing for citrin deficiency in high-prevalence areas. <i>Clinica Chimica Acta</i> , 2011, 412, 391-392.	0.5	3
89	Electrogenerated chemiluminescence of anatase TiO <sub>2</sub> nanotubes film. <i>Talanta</i> , 2011, 85, 56-62.	2.9	20
90	A simple and sensitive CE method for the simultaneous determination of catecholamines in urine with in-column optical fiber light-emitting diode-induced fluorescence detection. <i>Talanta</i> , 2011, 85, 1279-1284.	2.9	28

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91	Enhanced Indirect Fluorescence Detection of p-Nitrophenol, 2,4-Dinitrophenol and Trinitrophenol by Micellar Electrokinetic Capillary Chromatography with In-column Optical-fiber LED-induced Fluorescence Detection. <i>Analytical Sciences</i> , 2011, 27, 879.	0.8	15
92	Glucose biosensor based on nanohybrid material of gold nanoparticles and glucose oxidase on a bioplatfrom. <i>Biotechnology Journal</i> , 2011, 6, 492-500.	1.8	13
93	HPLC with In-Capillary Optical Fiber Laser-Induced Fluorescence Detection of Picomolar Amounts of Amino Acids by Precolumn Fluorescence Derivatization with Fluorescein Isothiocyanate. <i>Chromatographia</i> , 2011, 74, 541-547.	0.7	11
94	In vivo antioxidative effect of isoquercitrin on cadmium-induced oxidative damage to mouse liver and kidney. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2011, 383, 437-445.	1.4	79
95	Sensitivity enhancement of fluorescence detection in CE by coupling and conducting excitation light with tapered optical fiber. <i>Electrophoresis</i> , 2011, 32, 268-274.	1.3	9
96	Application of hydrophobic palladium nanoparticles for the development of electrochemical glucose biosensor. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4619-4623.	5.3	29
97	Impact of beta-cypermethrin on soil microbial community associated with its bioavailability: A combined study by isothermal microcalorimetry and enzyme assay techniques. <i>Journal of Hazardous Materials</i> , 2011, 189, 323-328.	6.5	40
98	Gold nanoparticles-coated eggshell membrane with immobilized glucose oxidase for fabrication of glucose biosensor. <i>Sensors and Actuators B: Chemical</i> , 2011, 152, 49-55.	4.0	87
99	Dual Fiber-In-capillary Annular Column with Ternary Stationary Phase for Gas Chromatographic Separation. <i>Analytical Letters</i> , 2011, 44, 2721-2731.	1.0	1
100	Characterization of Depth-Related Microbial Community Activities in Freshwater Sediment by Combined Method. <i>Geomicrobiology Journal</i> , 2011, 28, 328-334.	1.0	7
101	Inhibition of beta 1â€“40 amyloid fibrillation with N-acetyl-L-cysteine capped quantum dots. <i>Biomaterials</i> , 2010, 31, 91-98.	5.7	131
102	A comparative cytotoxicity study of isomeric alkylphthalates to metabolically variant bacteria. <i>Journal of Hazardous Materials</i> , 2010, 182, 631-639.	6.5	16
103	Toxicity of three phenolic compounds and their mixtures on the gram-positive bacteria <i>Bacillus subtilis</i> in the aquatic environment. <i>Science of the Total Environment</i> , 2010, 408, 1043-1049.	3.9	66
104	Electrogenerated Chemiluminescence Sensor Based on Tris(2,2â€“bipyridine)ruthenium(II)â€“immobilized Natural Clay and Ionic Liquid. <i>Electroanalysis</i> , 2010, 22, 204-208.	1.5	4
105	Spectral study on the inclusion complex of cryptophane-E and CHCl <sub>3</sub> . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 157-161.	2.0	4
106	Reduction in toxicity of arsenic(III) to <i>Halobacillus</i> sp. Y35 by kaolin and their related adsorption studies. <i>Journal of Hazardous Materials</i> , 2010, 176, 487-494.	6.5	8
107	High-sensitive and selective Eu <sup>3+</sup> electrochemical sensor based on LaB <sub>6</sub> electrode and sodium dodecylbenzene sulfonate. <i>Sensors and Actuators B: Chemical</i> , 2010, 147, 152-158.	4.0	17
108	Fluorescence quenching method for the determination of catechol with gold nanoparticles and tyrosinase hybrid system. <i>Chinese Chemical Letters</i> , 2010, 21, 346-348.	4.8	18

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109	Separation and preconcentration of persistent organic pollutants by cloud point extraction. <i>Journal of Chromatography A</i> , 2010, 1217, 2306-2317.	1.8	91
110	Near-infrared luminescence quenching method for the detection of phenolic compounds using N-acetyl-l-cysteine-protected gold nanoparticles-tyrosinase hybrid material. <i>Biosensors and Bioelectronics</i> , 2010, 25, 1043-1048.	5.3	23
111	Development and analytical application of a glucose biosensor based on glucose oxidase/O-(2-hydroxyl)propyl-3-trimethylammonium chitosan chloride nanoparticle-immobilized onion inner epidermis. <i>Biosensors and Bioelectronics</i> , 2010, 25, 2238-2243.	5.3	22
112	Fast microwave synthesis of Fe <sub>3</sub> O <sub>4</sub> and Fe <sub>3</sub> O <sub>4</sub> /Ag magnetic nanoparticles using Fe <sup>2+</sup> as precursor. <i>Inorganic Materials</i> , 2010, 46, 1106-1111.	0.2	53
113	Synthesis of 1.4 nm $\beta$ -Cyclodextrin-Protected Gold Nanoparticles for Luminescence Sensing of Mercury(II) with Picomolar Detection Limit. <i>Journal of Physical Chemistry C</i> , 2010, 114, 15995-16003.	1.5	51
114	Synthesis and Characterization of <i>n</i> -Alkylamine-Stabilized Palladium Nanoparticles for Electrochemical Oxidation of Methane. <i>Journal of Physical Chemistry C</i> , 2010, 114, 723-733.	1.5	52
115	Influence of clay minerals on the <i>Bacillus halophilus</i> Y38 activity under anaerobic condition. <i>Applied Clay Science</i> , 2010, 50, 533-537.	2.6	3
116	Preparation of gold nanoparticles on eggshell membrane and their biosensing application. <i>Talanta</i> , 2010, 82, 177-183.	2.9	100
117	Assemblies of brilliant cresyl violet to DNA in the presence of $\beta$ -cyclodextrin. <i>Talanta</i> , 2010, 82, 681-686.	2.9	9
118	Electro-Oxidation of Methane on Roughened Palladium Electrode in Acidic Electrolytes at Ambient Temperatures. <i>Analytical Letters</i> , 2010, 43, 1055-1065.	1.0	9
119	Microcalorimetric investigation of the toxic action of pyrene on the growth of PAH-degrading bacteria <i>Acinetobacter junii</i> . <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2010, 45, 668-673.	0.9	3
120	The synthesis of novel 4-(3,4-dimethoxyphenyl)chromenone-crown ethers and their cation binding, as determined using fluorescence spectra. <i>Supramolecular Chemistry</i> , 2009, 21, 724-731.	1.5	5
121	CE with LED-based detection: An update. <i>Electrophoresis</i> , 2009, 30, 189-202.	1.3	37
122	A new luminol derivative as a fluorescent probe for trace analysis of copper(II). <i>Mikrochimica Acta</i> , 2009, 164, 411-417.	2.5	28
123	Isolation of a <i>Methylobacterium organophilum</i> strain, and its application to a methanol biosensor. <i>Mikrochimica Acta</i> , 2009, 167, 67-73.	2.5	4
124	Mode-filtered light methane gas sensor based on cryptophane A. <i>Analytica Chimica Acta</i> , 2009, 633, 238-243.	2.6	32
125	Study of the contact charge transfer behavior between cryptophanes (A and E) and fullerene by absorption, fluorescence and <sup>1</sup> H NMR spectroscopy. <i>Analytica Chimica Acta</i> , 2009, 650, 118-123.	2.6	9
126	Biological and Microcalorimetric Studies of the Toxic Effect of Organoarsenic(V) Compounds to Wild Strain of <i>Bacillus thuringiensis</i> . <i>Biological Trace Element Research</i> , 2009, 131, 192-203.	1.9	2



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127	Characterization of a methane-utilizing strain and its application for monitoring methane. <i>Journal of Applied Microbiology</i> , 2009, 106, 2024-2030.	1.4	5
128	Electro-catalytic oxidation of methane at multi-walled carbon nanotubes-Nafion/nickel hydroxide modified nickel electrode. <i>Sensors and Actuators B: Chemical</i> , 2009, 138, 402-407.	4.0	27
129	Methane sensor based on nanocomposite of palladium/multi-walled carbon nanotubes grafted with 1,6-hexanediamine. <i>Sensors and Actuators B: Chemical</i> , 2009, 139, 453-459.	4.0	35
130	Study on the toxic effects of diphenol compounds on soil microbial activity by a combination of methods. <i>Journal of Hazardous Materials</i> , 2009, 167, 846-851.	6.5	68
131	A combination method to study microbial communities and activities in zinc contaminated soil. <i>Journal of Hazardous Materials</i> , 2009, 169, 875-881.	6.5	46
132	Study on mode-filtered light sensor for methane detection. <i>Chinese Chemical Letters</i> , 2009, 20, 210-212.	4.8	3
133	Single fiber-in-capillary annular column for gas chromatographic separation. <i>Journal of Chromatography A</i> , 2009, 1216, 3343-3348.	1.8	3
134	Capillary electrophoretic study of thiolated $\beta$ -cyclodextrin-capped gold nanoparticles with tetraalkylammonium ions. <i>Journal of Chromatography A</i> , 2009, 1216, 8557-8562.	1.8	13
135	Activation of nylon net and its application to a biosensor for determination of glucose in human serum. <i>Enzyme and Microbial Technology</i> , 2009, 44, 249-253.	1.6	43
136	Development and application of a fluorescent sensor for potassium ions based on a calix[6]arene ionophore and a novel cationic dye. <i>Supramolecular Chemistry</i> , 2009, 21, 747-753.	1.5	1
137	[Ru(dpp) <sub>3</sub> ][(4-Clph) <sub>4</sub> B] <sub>2</sub> Nanoislands Directly Assembled on an ITO Electrode Surface and Its Electrogenenerated Chemiluminescence. <i>Langmuir</i> , 2009, 25, 1253-1258.	1.6	15
138	Separation of tyrosine enantiomer derivatives by capillary electrophoresis with light-emitting diode-induced fluorescence detection. <i>Talanta</i> , 2009, 78, 1167-1172.	2.9	31
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