

Wei Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1788654/publications.pdf>

Version: 2024-02-01

115
papers

11,947
citations

87888

38
h-index

25787

108
g-index

115
all docs

115
docs citations

115
times ranked

16723
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional inorganic nanomaterials for cancer photoimmunotherapy. <i>Cancer Communications</i> , 2022, 42, 141-163.	9.2	48
2	A reduced graphene oxide supported Au-Bi bimetallic nanoparticles as an enhanced sensing platform for simultaneous voltammetric determination of Pb (II) and Cd (II). <i>Microchemical Journal</i> , 2022, 175, 107078.	4.5	14
3	Improved Performance for the Electrochemical Sensing of Acyclovir by Using the rGO@TiO ₂ @Au Nanocomposite-Modified Electrode. <i>Frontiers in Chemistry</i> , 2022, 10, .	3.6	5
4	One-pot green preparation of deep-ultraviolet and dual-emission carbon nanodots for dual-channel ratiometric determination of polyphenol in tea sample. <i>Mikrochimica Acta</i> , 2022, 189, .	5.0	11
5	Green synthesis of a deep-ultraviolet carbonized nanoprobe for ratiometric fluorescent detection of feroxacin and enrofloxacin in food and serum samples. <i>Analyst, The</i> , 2021, 146, 874-881.	3.5	6
6	Nitrogen and sulfur co-doped reduced graphene oxide-gold nanoparticle composites for electrochemical sensing of rutin. <i>Microchemical Journal</i> , 2021, 160, 105684.	4.5	15
7	3D NiO nanoflakes/carbon fiber meshwork: Facile preparation and utilization as general platform for photocathodic bioanalysis. <i>Analytica Chimica Acta</i> , 2021, 1143, 173-180.	5.4	6
8	Ratiometric detection of <i>p</i> -nitrophenol and its derivatives using a dual-emissive neuron cell-like carbonized probe based on a π-π stacking quenching mechanism. <i>Analyst, The</i> , 2021, 146, 4566-4575.	3.5	7
9	Sustained Release Systems for Delivery of Therapeutic Peptide/Protein. <i>Biomacromolecules</i> , 2021, 22, 2299-2324.	5.4	24
10	Boron carbon oxyphosphide heterostructured nanodots with phosphate tunable emission for switchable dual detection channels of 6-mercaptopurine assay. <i>Talanta</i> , 2021, 226, 122067.	5.5	9
11	Effect of Electron-Donating Groups on the Electrochemical Degradation of Aromatic Nitro Compounds in Aprotic Media Containing CO ₂ . <i>Journal of Physical Chemistry C</i> , 2021, 125, 16464-16472.	3.1	6
12	Facile synthesis of TiO ₂ -ZnO-rGO nanocomposites for highly sensitive simultaneous determination of hydroquinone and catechol. <i>Microchemical Journal</i> , 2021, 166, 106246.	4.5	17
13	Enzymatic photoelectrochemical bioassay based on hierarchical CdS/NiO heterojunction for glucose determination. <i>Mikrochimica Acta</i> , 2021, 188, 243.	5.0	8
14	Enhanced dark adsorption and visible-light-driven photocatalytic properties of narrower-band-gap Cu ₂ S decorated Cu ₂ O nanocomposites for efficient removal of organic pollutants. <i>Journal of Hazardous Materials</i> , 2020, 384, 121302.	12.4	118
15	Molecularly imprinted polymers and PEG double engineered perovskite: an efficient platform for constructing aqueous solution feasible photoelectrochemical sensor. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127321.	7.8	30
16	A voltammetric sensor based on reduced graphene oxide-hemin-Ag nanocomposites for sensitive determination of tyrosine. <i>RSC Advances</i> , 2020, 10, 28026-28031.	3.6	12
17	Superparamagnetic Fe ₃ O ₄ Nanoclusters Embedded within Porous TiO ₂ Shells for Photoelectrochemical Sensing. <i>ACS Applied Nano Materials</i> , 2020, 3, 9151-9157.	5.0	8
18	Aggregation-Induced Emission Behavior of Dual-NIR-Emissive Zinc-Doped Carbon Nanosheets for Ratiometric Anthrax Biomarker Detection. <i>ACS Applied Bio Materials</i> , 2020, 3, 9031-9042.	4.6	9

#	ARTICLE	IF	CITATIONS
19	Ni ₃ S ₂ -Co ₉ S ₈ heterostructure nanowires supported on Ni foam as highly efficient and stable electrocatalyst for oxygen evolution reaction. <i>Applied Surface Science</i> , 2020, 526, 146753.	6.1	25
20	UV-assisted one-pot synthesis of bimetallic Ag-Pt decorated reduced graphene oxide for colorimetric determination of hydrogen peroxide. <i>Mikrochimica Acta</i> , 2020, 187, 410.	5.0	17
21	Au@Hg/rGO with enhanced peroxidase-like activity for sensitive colorimetric determination of H ₂ O ₂ . <i>Analyst</i> , 2020, 145, 2191-2196.	3.5	16
22	Carbon nanospheres with dual-color emission and their application in ratiometric pyrophosphate sensing. <i>Analyst</i> , 2019, 144, 550-558.	3.5	11
23	An OFF-ON detection method for copper(II) ions using a AgAu-NG nanocomposite modified electrode. <i>Analyst</i> , 2019, 144, 3967-3971.	3.5	6
24	An electrochemical daunorubicin sensor based on the use of platinum nanoparticles loaded onto a nanocomposite prepared from nitrogen decorated reduced graphene oxide and single-walled carbon nanotubes. <i>Mikrochimica Acta</i> , 2019, 186, 321.	5.0	13
25	Fluorometric and colorimetric determination of hypochlorite using carbon nanodots doped with boron and nitrogen. <i>Mikrochimica Acta</i> , 2019, 186, 328.	5.0	23
26	Synthesis of nitrogen-doped reduced graphene oxide loading with Au-Ag bimetallic nanoparticles for electrochemical detection of daunorubicin. <i>Journal of Alloys and Compounds</i> , 2019, 797, 413-420.	5.5	39
27	A novel electrochemical sensor based on Au nanoparticles/8-aminoquinoline functionalized graphene oxide nanocomposite for paraquat detection. <i>Nanotechnology</i> , 2019, 30, 285502.	2.6	19
28	Facile Synthesis Gold-Polyindole-Reduced Graphene Oxide Ternary Nanocomposites with Enhanced Electrocatalytic Activity for the Electrochemical Sensing of Caffeine. <i>Journal of the Electrochemical Society</i> , 2019, 166, B212-B218.	2.9	19
29	Construction of FRET biosensor for off-on detection of lead ions based on carbon dots and gold nanorods. <i>Talanta</i> , 2019, 201, 90-95.	5.5	30
30	Voltammetric simultaneous determination of catechol and hydroquinone using a glassy carbon electrode modified with a ternary hybrid material composed of reduced graphene oxide, magnetite nanoparticles and gold nanoparticles. <i>Mikrochimica Acta</i> , 2019, 186, 177.	5.0	28
31	Excitation-independent emission carbon nanoribbon polymer as a ratiometric photoluminescent probe for highly selective and sensitive detection of quercetin. <i>Analyst</i> , 2019, 144, 2256-2263.	3.5	16
32	Pt nanoparticles supported on nitrogen doped reduced graphene oxide-single wall carbon nanotubes as a novel platform for highly sensitive electrochemical sensing of piroxicam. <i>Journal of Electroanalytical Chemistry</i> , 2019, 832, 385-391.	3.8	13
33	Phosphodiester quaternary ammonium nanoparticles as label-free light scattering probe for turn-off detection of tyrosine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 208, 1-6.	3.9	5
34	Multiplexed ratiometric photoluminescent detection of pyrophosphate using anisotropic boron-doped nitrogen-rich carbon rugby ball-like nanodots. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1771-1781.	5.8	23
35	IrO _x /CN _x NTs as electrocatalysts for oxygen evolution reaction in a HCO ₃ ⁻ /CO ₂ system at neutral pH. <i>Journal of Materials Science</i> , 2018, 53, 4939-4948.	3.7	9
36	Electrochemical determination of paracetamol based on Au@graphene core-shell nanoparticles doped conducting polymer PEDOT nanocomposite. <i>Sensors and Actuators B: Chemical</i> , 2018, 260, 778-785.	7.8	78

#	ARTICLE	IF	CITATIONS
37	Highly sensitive determination of piroxicam using a glassy carbon electrode modified with silver nanoparticles dotted single walled carbon nanotubes-reduced graphene oxide nanocomposite. <i>Journal of Electroanalytical Chemistry</i> , 2018, 823, 1-8.	3.8	18
38	Porous Organic Cage Embedded C18 Amide Silica Stationary Phase for High Performance Liquid Chromatography. <i>Analytical Sciences</i> , 2018, 34, 445-451.	1.6	12
39	Green synthesis of Pd nanoparticles via extracted polysaccharide applied to glucose detection. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 93, 87-93.	5.3	21
40	Picomolar Level Detection of Copper(II) and Mercury(II) Ions Using Dual-Stabilizer-Capped CdTe Quantum Dots. <i>Journal of Analysis and Testing</i> , 2018, 2, 90-97.	5.1	2
41	Photoluminescent coral-like carbon-branched polymers as nanoprobe for fluorometric determination of captopril. <i>Mikrochimica Acta</i> , 2018, 185, 422.	5.0	11
42	Preparation of a silica stationary phase co-functionalized with Wulff-type phenylboronate and C12 for mixed-mode liquid chromatography. <i>Analytica Chimica Acta</i> , 2017, 962, 104-113.	5.4	21
43	Incorporating doped carbon nanodots and metal ions as an excellent artificial peroxidase for H ₂ O ₂ detection. <i>RSC Advances</i> , 2017, 7, 31281-31286.	3.6	8
44	Bi ₂ O ₂ CO ₃ Nanosheets as Electrocatalysts for Selective Reduction of CO ₂ to Formate at Low Overpotential. <i>ACS Omega</i> , 2017, 2, 2561-2567.	3.5	58
45	Synergistic contributions by decreasing overpotential and enhancing electrocatalytic reduction in ONPCNRs/SWCNTs nanocomposite for highly sensitive nonenzymatic detection of hydrogen peroxide. <i>Sensors and Actuators B: Chemical</i> , 2017, 246, 726-733.	7.8	8
46	Silver Nanoclusters Beacon as Stimuli-Responsive Versatile Platform for Multiplex DNAs Detection and Aptamer-Substrate Complexes Sensing. <i>Analytical Chemistry</i> , 2017, 89, 1002-1008.	6.5	95
47	Nano-gold plasmon coupled with dual-function quercetin for enhanced photoelectrochemical aptasensor of tetracycline. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 1027-1033.	7.8	38
48	Preparation of boron-doped carbon dots for fluorometric determination of Pb(II), Cu(II) and pyrophosphate ions. <i>Mikrochimica Acta</i> , 2017, 184, 4775-4783.	5.0	53
49	Silica stationary phase functionalized by 4-carboxy-benzoboroxole with enhanced boronate affinity nature for selective capture and separation of cis-diol compounds. <i>Analytica Chimica Acta</i> , 2017, 985, 91-100.	5.4	29
50	Fluorescence Enhancement of Terminal Amine Assembled on Gold Nanoclusters and Its Application to Ratiometric Lysine Detection. <i>Langmuir</i> , 2017, 33, 14643-14648.	3.5	35
51	Electrodeposition of nano-sized bismuth on copper foil as electrocatalyst for reduction of CO ₂ to formate. <i>Applied Surface Science</i> , 2017, 393, 191-196.	6.1	109
52	Near-Ultraviolet Fluorescent ON-OFF-ON-Switching Sensors Based on Nitrogen-Enriched Dual-Color Single-Functional Polymer Carbon Nanosheets. <i>Chemistry - A European Journal</i> , 2017, 23, 665-675.	3.3	29
53	ON-OFF-ON-sensor for detecting heparin based on Hg ²⁺ -quenching of photoluminescence nitrogen-rich polymer carbon nanoribbons. <i>Sensors and Actuators B: Chemical</i> , 2017, 242, 412-417.	7.8	12
54	Unique Roles of Gold Nanoparticles in Drug Delivery, Targeting and Imaging Applications. <i>Molecules</i> , 2017, 22, 1445.	3.8	402

#	ARTICLE	IF	CITATIONS
55	Dual-modal fluorescence and light-scattering sensor based on water-soluble carbon dots for silver ions detection. <i>Analytical Methods</i> , 2017, 9, 5611-5617.	2.7	15
56	A fluorescent switch sensor for detection of anticancer drug and ctDNA based on the glutathione stabilized gold nanoclusters. <i>Sensors and Actuators B: Chemical</i> , 2016, 232, 276-282.	7.8	43
57	Enhanced photoelectrochemical detection of l-cysteine based on the ultrathin polythiophene layer sensitized anatase TiO ₂ on F-doped tin oxide substrates. <i>Sensors and Actuators B: Chemical</i> , 2016, 232, 448-453.	7.8	52
58	Dual-modal light scattering and fluorometric detection of lead ion by stimuli-responsive aggregation of BSA-stabilized copper nanoclusters. <i>RSC Advances</i> , 2016, 6, 96729-96734.	3.6	19
59	Facile synthesis of reduced graphene oxide supported Pt-Pd nanocubes with enhanced electrocatalytic activity for chloramphenicol determination. <i>Journal of Electroanalytical Chemistry</i> , 2016, 781, 389-394.	3.8	31
60	Preparation of a boronate affinity silica stationary phase with enhanced binding properties towards cis-diol compounds. <i>Journal of Chromatography A</i> , 2016, 1473, 90-98.	3.7	30
61	One-pot preparation of reduced graphene oxide-carbon nanotube decorated with Au nanoparticles based on protein for non-enzymatic electrochemical sensing of glucose. <i>Sensors and Actuators B: Chemical</i> , 2016, 234, 625-632.	7.8	66
62	A label-free photoelectrochemical aptasensor for bisphenol A based on surface plasmon resonance of gold nanoparticle-sensitized ZnO nanopencils. <i>Biosensors and Bioelectronics</i> , 2016, 86, 315-320.	10.1	79
63	In-situ hydrothermal synthesis of molecularly imprinted polymers coated carbon dots for fluorescent detection of bisphenol A. <i>Sensors and Actuators B: Chemical</i> , 2016, 228, 302-307.	7.8	120
64	Electrochemical reduction of CO ₂ to formate catalyzed by electroplated tin coating on copper foam. <i>Applied Surface Science</i> , 2016, 362, 394-398.	6.1	84
65	Porous tin-based film deposited on copper foil for electrochemical reduction of carbon dioxide to formate. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 1585-1591.	7.1	57
66	Recent advances in the analytical applications of copper nanoclusters. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 77, 66-75.	11.4	166
67	UV-assisted synthesis of tetrapods-like titanium nitride-reduced graphene oxide nanohybrids for electrochemical determination of chloramphenicol. <i>Sensors and Actuators B: Chemical</i> , 2016, 225, 298-304.	7.8	65
68	Reduced graphene oxide-Hemin-Au nanohybrids: Facile one-pot synthesis and enhanced electrocatalytic activity towards the reduction of hydrogen peroxide. <i>Biosensors and Bioelectronics</i> , 2016, 78, 300-307.	10.1	49
69	A sensitive and label-free photoelectrochemical aptasensor using Co-doped ZnO diluted magnetic semiconductor nanoparticles. <i>Biosensors and Bioelectronics</i> , 2016, 77, 378-384.	10.1	94
70	Sub-picomole level photoelectrochemical sensing of l-cysteine based on plasmonic silver nanoparticles modified hierarchically structured zinc oxide. <i>Journal of Electroanalytical Chemistry</i> , 2015, 759, 21-26.	3.8	7
71	Direct electrolytic exfoliation of graphite with hemin and single-walled carbon nanotube: Creating functional hybrid nanomaterial for hydrogen peroxide detection. <i>Analytica Chimica Acta</i> , 2015, 884, 37-43.	5.4	30
72	Facile one-pot and rapid synthesis of surfactant-free Au-reduced graphene oxide nanocomposite for trace arsenic (III) detection. <i>Electrochimica Acta</i> , 2015, 157, 183-190.	5.2	49

#	ARTICLE	IF	CITATIONS
73	A novel biosensor for copper(II) ions based on turn-on resonance light scattering of ssDNA templated silver nanoclusters. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2083-2088.	5.8	23
74	UV-assisted photocatalytic synthesis of highly dispersed Ag nanoparticles supported on DNA decorated graphene for quantitative iodide analysis. <i>Biosensors and Bioelectronics</i> , 2015, 69, 206-212.	10.1	29
75	A label-free fluorescent biosensor for determination of bovine serum albumin and calf thymus DNA based on gold nanorods coated with acridine orange-loaded mesoporous silica. <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 302-308.	7.8	25
76	Dual-functional cubic cuprous oxide for non-enzymatic and oxygen-sensitive photoelectrochemical sensing of glucose. <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 441-447.	7.8	38
77	Electrochemical determination of dopamine using octahedral SnO ₂ nanocrystals bound to reduced graphene oxide nanosheets. <i>Mikrochimica Acta</i> , 2015, 182, 2001-2007.	5.0	26
78	A novel resonance light scattering sensing for glucose based on the conversion of gold nanoclusters into gold nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2015, 219, 133-138.	7.8	19
79	Facile green synthesis of graphene-titanium nitride hybrid nanostructure for the simultaneous determination of acetaminophen and 4-aminophenol. <i>Sensors and Actuators B: Chemical</i> , 2015, 213, 397-403.	7.8	71
80	Enhanced binding capacity of boronate affinity adsorbent via surface modification of silica by combination of atom transfer radical polymerization and chain-end functionalization for high-efficiency enrichment of cis-diol molecules. <i>Analytica Chimica Acta</i> , 2015, 886, 66-74.	5.4	44
81	A facile and ultrasensitive photoelectrochemical sensor for copper ions using in-situ electrodeposition of cuprous oxide. <i>Sensors and Actuators B: Chemical</i> , 2015, 208, 485-490.	7.8	34
82	Graphene/polyaniline/gold nanoparticles nanocomposite for the direct electron transfer of glucose oxidase and glucose biosensing. <i>Sensors and Actuators B: Chemical</i> , 2014, 190, 562-569.	7.8	174
83	A paper disk equipped with graphene/polyaniline/Au nanoparticles/glucose oxidase biocomposite modified screen-printed electrode: Toward whole blood glucose determination. <i>Biosensors and Bioelectronics</i> , 2014, 56, 77-82.	10.1	201
84	Facile electrodeposition of environment-friendly Cu ₂ O/ZnO heterojunction for robust photoelectrochemical biosensing. <i>Sensors and Actuators B: Chemical</i> , 2014, 191, 619-624.	7.8	82
85	Direct colorimetric biosensing of mercury(II) ion based on aggregation of poly-(L-glutamic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T Spectroscopy, 2014, 121, 527-532.	3.9	30
86	Femtomole level photoelectrochemical aptasensing for mercury ions using quercetin-copper(II) complex as the DNA intercalator. <i>Biosensors and Bioelectronics</i> , 2014, 54, 317-322.	10.1	53
87	Bienzyme colorimetric detection of glucose with self-calibration based on tree-shaped paper strip. <i>Sensors and Actuators B: Chemical</i> , 2014, 190, 414-418.	7.8	88
88	A subnanomole level photoelectrochemical sensing platform for hexavalent chromium based on its selective inhibition of quercetin oxidation. <i>Analyst</i> , 2013, 138, 1167.	3.5	39
89	One-pot hydrothermal synthesis of highly luminescent nitrogen-doped amphoteric carbon dots for bioimaging from Bombyx mori silk natural proteins. <i>Journal of Materials Chemistry B</i> , 2013, 1, 2868.	5.8	440
90	Dimethyl 3-(cyclopropylcarbonyl)pyrrolo[2,1-a]isoquinoline-1,2-dicarboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o1430-o1430.	0.2	0

#	ARTICLE	IF	CITATIONS
91	Application of ionic liquid-based surfactants in the microwave-assisted extraction for the determination of four main phloroglucinols from <i>Dryopteris fragrans</i> . <i>Journal of Separation Science</i> , 2012, 35, 3600-3608.	2.5	23
92	DETERMINATION OF TRACE LEAD AND CADMIUM USING STRIPPING VOLTAMMETRY IN FLUIDIC MICROCHIP INTEGRATED WITH SCREEN-PRINTED CARBON ELECTRODES. <i>Instrumentation Science and Technology</i> , 2012, 40, 590-602.	1.8	3
93	Paper-Based Enzyme Immobilization for Flow Injection Electrochemical Biosensor Integrated with Reagent-Loaded Cartridge toward Portable Modular Device. <i>Analytical Chemistry</i> , 2012, 84, 10071-10076.	6.5	35
94	Enhanced acetone sensing performance of Au nanoparticles functionalized flower-like ZnO. <i>Sensors and Actuators B: Chemical</i> , 2012, 168, 39-45.	7.8	133
95	Recent advances in catalytic hydrogenation of carbon dioxide. <i>Chemical Society Reviews</i> , 2011, 40, 3703.	38.1	2,713
96	Aptamer-based PDMS-gold nanoparticle composite as a platform for visual detection of biomolecules with silver enhancement. <i>Biosensors and Bioelectronics</i> , 2011, 26, 3110-3114.	10.1	45
97	One-step sensing lead in surface waters with screen printed electrode. <i>Sensors and Actuators B: Chemical</i> , 2011, 153, 369-372.	7.8	20
98	Ionic liquid as extraction agent for detection of volatile phenols in wastewater and its regeneration. <i>Journal of Separation Science</i> , 2010, 33, 1356-1359.	2.5	18
99	The investigation of the interactions between CdSe quantum dots and human serum albumin by resonance Rayleigh scattering and second-order scattering spectra. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 1031-1035.	3.9	14
100	PDMS gold nanoparticle composite film-based silver enhanced colorimetric detection of cardiac troponin I. <i>Sensors and Actuators B: Chemical</i> , 2010, 147, 298-303.	7.8	100
101	A disposable electrochemical immunosensor for carcinoembryonic antigen based on nano-Au/multi-walled carbon nanotubes-chitosans nanocomposite film modified glassy carbon electrode. <i>Analytica Chimica Acta</i> , 2010, 659, 102-108.	5.4	235
102	Tree-shaped paper strip for semiquantitative colorimetric detection of protein with self-calibration. <i>Journal of Chromatography A</i> , 2010, 1217, 3896-3899.	3.7	128
103	Direct electrochemistry and electrocatalysis of hemoglobin on carbon ionic liquid electrode. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 78, 69-74.	5.0	22
104	Paper Disk on Screen Printed Electrode for One-Step Sensing with an Internal Standard. <i>Analytical Chemistry</i> , 2010, 82, 8844-8847.	6.5	63
105	A micro-electrophoresis system based on a short capillary with hydrostatic pressure assisted separation and injection. <i>Mikrochimica Acta</i> , 2009, 166, 35-39.	5.0	5
106	Improved Current-Monitoring Method for Low Electroosmotic Flow Measurement in Modified Microchip. <i>Chromatographia</i> , 2009, 69, 897-901.	1.3	2
107	Improved hydrostatic pressure sample injection by tilting the microchip towards the disposable miniaturized CE device. <i>Electrophoresis</i> , 2008, 29, 561-566.	2.4	9
108	Low electroosmotic flow measurement by tilting microchip. <i>Journal of Chromatography A</i> , 2008, 1194, 221-224.	3.7	5

#	ARTICLE	IF	CITATIONS
109	Electroosmotic flow-switchable poly(dimethylsiloxane) microfluidic channel modified with cysteine based on gold nanoparticles. <i>Talanta</i> , 2007, 73, 534-539.	5.5	19
110	Low EOF rate measurement based on constant effective mobility in microchip CE. <i>Electrophoresis</i> , 2007, 28, 2893-2896.	2.4	9
111	Indirect amperometric measurement of electroosmotic flow rates and effective mobilities in microchip capillary electrophoresis. <i>Journal of Chromatography A</i> , 2007, 1142, 209-213.	3.7	10
112	Measurement of electroosmotic flow in capillary and microchip electrophoresis. <i>Journal of Chromatography A</i> , 2007, 1170, 1-8.	3.7	53
113	Modification of poly(dimethylsiloxane) microfluidic channels with silica nanoparticles based on layer-by-layer assembly technique. <i>Journal of Chromatography A</i> , 2006, 1136, 111-117.	3.7	43
114	Quantum-Sized Carbon Dots for Bright and Colorful Photoluminescence. <i>Journal of the American Chemical Society</i> , 2006, 128, 7756-7757.	13.7	4,049
115	EOF measurement by detection of a sampling zone with end-channel amperometry in microchip CE. <i>Electrophoresis</i> , 2006, 27, 5132-5137.	2.4	15