

Weidong Qin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5545624/publications.pdf>

Version: 2024-02-01

39
papers

834
citations

566801

15
h-index

500791

28
g-index

39
all docs

39
docs citations

39
times ranked

844
citing authors

#	ARTICLE	IF	CITATIONS
1	1,3-Dialkylimidazolium-based room-temperature ionic liquids as background electrolyte and coating material in aqueous capillary electrophoresis. <i>Journal of Chromatography A</i> , 2003, 985, 447-454.	1.8	111
2	An ionic liquid coating for determination of sildenafil and UK-103,320 in human serum by capillary zone electrophoresis-ion trap mass spectrometry. <i>Electrophoresis</i> , 2002, 23, 4110-4116.	1.3	100
3	Electrophoresis of DNA in ionic liquid coated capillary. <i>Analyst, The</i> , 2003, 128, 37-41.	1.7	78
4	Separation of ionic liquid cations and related imidazole derivatives by β -cyclodextrin modified capillary zone electrophoresis. <i>Analyst, The</i> , 2002, 127, 490-493.	1.7	51
5	Capillary electrophoresis-chemiluminescence determination of norfloxacin and prulifloxacin. <i>Analytica Chimica Acta</i> , 2008, 623, 231-237.	2.6	47
6	Separation of fluoroquinolones in acidic buffer by capillary electrophoresis with contactless conductivity detection. <i>Journal of Chromatography A</i> , 2009, 1216, 5327-5332.	1.8	38
7	A rapid CE-potential gradient detection method for determination of quinolones. <i>Electrophoresis</i> , 2007, 28, 4101-4107.	1.3	30
8	Capillary electrophoretic determination of heavy-metal ions using 11-mercaptoundecanoic acid and 6-mercapto-1-hexanol co-functionalized gold nanoparticle as colorimetric probe. <i>Journal of Chromatography A</i> , 2019, 1594, 208-215.	1.8	30
9	Portable capillary electrophoresis system with potential gradient detection for separation of DNA fragments. <i>Electrophoresis</i> , 2005, 26, 517-523.	1.3	23
10	Determination of chlorophenoxy acid herbicides by capillary electrophoresis with integrated potential gradient detection. <i>Electrophoresis</i> , 2003, 24, 2174-2179.	1.3	21
11	Silica nanoparticles as pseudostationary phase for protein separation. <i>Electrophoresis</i> , 2007, 28, 3017-3023.	1.3	20
12	Polyamidoamine dendrimers as sweeping agent and stationary phase for rapid and sensitive open-tubular capillary electrophoretic determination of heavy metal ions. <i>Talanta</i> , 2014, 121, 50-55.	2.9	19
13	Polyamidoamine-grafted silica nanoparticles as pseudostationary phases for capillary electrochromatographic separation of proteins. <i>Journal of Separation Science</i> , 2013, 36, 1575-1581.	1.3	18
14	Rational Calibration Strategy for Accurate and Sensitive Colorimetric Detection of Iodide and L-Tyroxine Based on Gold Triangular Nanoplates. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 15230-15237.	3.2	18
15	Cyclodextrin-functionalized silica nanoparticles with dendrimer-like spacers for enantioselective capillary electrochromatography. <i>Electrophoresis</i> , 2014, 35, 3549-3555.	1.3	16
16	Polyamidoamine dendrimers as off-column binding agent and in-column pseudostationary phase for efficient and sensitive capillary electrophoretic analysis of fluoroquinolones in chicken muscles. <i>Food Chemistry</i> , 2014, 157, 498-503.	4.2	16
17	Combination of Running-Buffer-Mediated Extraction and Polyamidoamine-Dendrimer-Assisted Capillary Electrophoresis for Rapid and Sensitive Determination of Free Fatty Acids in Edible Oils. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 4104-4111.	2.4	16
18	Cationic poly(amidoamine) dendrimers as additives for capillary electroseparation and detection of proteins. <i>Electrophoresis</i> , 2011, 32, 1302-1308.	1.3	15

#	ARTICLE	IF	CITATIONS
19	Incorporation of polyamidoamine sweeping and electrokinetic supercharging for in-line DNA fragment preconcentration. <i>Journal of Chromatography A</i> , 2013, 1280, 112-116.	1.8	15
20	A polyamidoamine-mediated competitive colorimetric assay based on gold nanoparticles for determining acid values in edible sunflower seed, corn and extra virgin olive oils. <i>Food Chemistry</i> , 2019, 285, 450-457.	4.2	13
21	Electrophoretic separation of acidic and basic proteins in the presence of micromolar concentrations of an ionic liquid. <i>Mikrochimica Acta</i> , 2011, 174, 63-71.	2.5	12
22	Determination of Acidic Herbicides in Surface Water by Solid-Phase Extraction Followed by Capillary Zone Electrophoresis. <i>Journal of Chromatographic Science</i> , 2002, 40, 387-391.	0.7	11
23	CE determination of quinolones in the presence of bovine serum albumin. <i>Journal of Separation Science</i> , 2009, 32, 118-124.	1.3	11
24	DNA fragments assembled on polyamidoamine-grafted core-shell magnetic silica nanoparticles for removal of mercury(II) and methylmercury(I). <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 819-826.	1.6	11
25	Quick and Sensitive Determination of Fluoroquinolones by Capillary Electrophoresis-Potential Gradient Detection. <i>Analytical Letters</i> , 2009, 42, 1057-1069.	1.0	10
26	Quick and Sensitive Determination of Flavonoids by Capillary Electrophoresis-Potential Gradient Detection. <i>Analytical Sciences</i> , 2009, 25, 1119-1123.	0.8	10
27	Polyamidoamine dendrimer-armed fluorescent magnetic nanoparticles for sensitive and selective determination of nitrite in beverages. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 774-779.	4.0	10
28	Electrophoretic Separation of Proteins in Capillaries Filled with Poly(ethylene oxide)-stabilized Silver Nanoparticles. <i>Analytical Sciences</i> , 2009, 25, 333-337.	0.8	9
29	Sensitive and selective capillary electrophoretic analysis of proteins by zirconia nanoparticle-enhanced copper (II)-catalyzed luminol-hydrogen peroxide chemiluminescence. <i>Talanta</i> , 2012, 97, 193-198.	2.9	8
30	Glutathione Disulfide as a Reducing, Capping, and Mass-Separating Agent for the Synthesis and Enrichment of Gold Nanoclusters. <i>Nanomaterials</i> , 2021, 11, 2258.	1.9	8
31	Integration of capillary electrophoresis with gold nanoparticle-based colorimetry. <i>Analytica Chimica Acta</i> , 2017, 995, 114-121.	2.6	6
32	Online Monitoring Strategies for Colorimetric Detection of Cadmium Ions and pH Based on Gold Nanomaterials with a Low-Cost Color Sensor. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 5924-5932.	3.2	6
33	Capillary electrophoretic separation of anions in dimethylformamide-acetic acid medium. <i>Analytical Methods</i> , 2014, 6, 5353-5359.	1.3	5
34	Label-free, sensitive colorimetric detection of mercury(II) by target-disturbed <i>in situ</i> seeding growth of gold triangular nanoprisms. <i>Nanotechnology</i> , 2020, 31, 225501.	1.3	5
35	Ionic-liquid-assisted desorption of DNA from polyamidoamine-grafted silica nanoparticles surface by a low-salt solution. <i>Journal of Separation Science</i> , 2014, 37, 2069-2076.	1.3	4
36	Combination of Acid-Free Open-Vessel Wet Digestion and Poly(amidoamine) Dendrimer-Enhanced Capillary Electrophoresis for Determination of Metal Ions in Wines. <i>Food Analytical Methods</i> , 2014, 7, 165-171.	1.3	4

#	ARTICLE	IF	CITATIONS
37	A gold nanorod-based plasmonic platform for multi-logic operation and detection. <i>Nanotechnology</i> , 2019, 30, 055503.	1.3	4
38	Determination of ammonium and metal ions by capillary electrophoresis-potential gradient detection using ionic liquid as background electrolyte and covalent coating reagent. <i>Journal of Chromatography A</i> , 2004, 1048, 253-6.	1.8	3
39	Recent advances in nanomaterial-assisted detection coupled with capillary and microchip electrophoresis. <i>Electrophoresis</i> , 2021, 42, 269-278.	1.3	2