

Zeineb Aturki

List of Publications by Year in descending order

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47
papers

1,848
citations

172457

29
h-index

265206

42
g-index

47
all docs

47
docs citations

47
times ranked

1585
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of cyclodextrins in capillary electrophoresis for the chiral resolution of some 2-arylpropionic acid non-steroidal anti-inflammatory drugs. <i>Journal of Chromatography A</i> , 1995, 694, 297-305.	3.7	118
2	Recent applications in nanoliquid chromatography. <i>Journal of Separation Science</i> , 2007, 30, 1589-1610.	2.5	115
3	Use of vancomycin silica stationary phase in packed capillary electrochromatography I. Enantiomer separation of basic compounds. <i>Electrophoresis</i> , 2001, 22, 535-543.	2.4	87
4	Separation of $\hat{1}\pm$ -hydroxy acid enantiomers by high performance capillary electrophoresis using copper(II)-L-amino acid and copper(II)-aspartame complexes as chiral selectors in the background electrolyte. <i>Electrophoresis</i> , 1994, 15, 864-869.	2.4	77
5	Enantiomeric resolution study by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1997, 772, 185-194.	3.7	76
6	Chiral separations in food analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 52, 206-225.	11.4	66
7	Use of $\hat{1}^2$ -cyclodextrin polymer as a chiral selector in capillary electrophoresis. <i>Journal of Chromatography A</i> , 1994, 680, 137-146.	3.7	64
8	Separation of Flavanone-7-O-glycoside Diastereomers and Analysis in Citrus Juices by Multidimensional Liquid Chromatography Coupled with Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 5303-5308.	5.2	63
9	Nano-liquid chromatography analysis of dansylated biogenic amines in wines. <i>Journal of Chromatography A</i> , 2007, 1147, 192-199.	3.7	56
10	Current applications of miniaturized chromatographic and electrophoretic techniques in drug analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 101, 194-220.	2.8	56
11	Optical isomer separation of flavanones and flavanone glycosides by nano-liquid chromatography using a phenyl-carbamate-propyl- $\hat{1}^2$ -cyclodextrin chiral stationary phase. <i>Journal of Chromatography A</i> , 2010, 1217, 1175-1182.	3.7	50
12	Enantiomeric separation of new cathinone derivatives designer drugs by capillary electrochromatography using a chiral stationary phase, based on amylose $\hat{1}$ -tris(5-chloro-2-methylphenylcarbamate). <i>Electrophoresis</i> , 2014, 35, 3242-3249.	2.4	50
13	On-line CE-MS using pressurized liquid junction nanoflow electrospray interface and surface-coated capillaries. <i>Electrophoresis</i> , 2006, 27, 4666-4673.	2.4	49
14	Chiral analysis of UV nonabsorbing compounds by capillary electrophoresis using macrocyclic antibiotics: 1. Separation of aspartic and glutamic acid enantiomers. <i>Electrophoresis</i> , 2001, 22, 2129-2135.	2.4	47
15	Separation of basic compounds of pharmaceutical interest by using nano-liquid chromatography coupled with mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1150, 252-258.	3.7	42
16	Synthesis, biological evaluation, and docking study of indole aryl sulfonamides as aromatase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 185, 111815.	5.5	42
17	Analysis of phenolic compounds in extra virgin olive oil by using reversed-phase capillary electrochromatography. <i>Electrophoresis</i> , 2008, 29, 1643-1650.	2.4	41
18	Analysis of hesperetin enantiomers in human urine after ingestion of blood orange juice by using nano-liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 51, 225-229.	2.8	40

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19	Analysis of synthetic cannabinoids in herbal blends by means of nano-liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 71, 45-53.	2.8	40
20	Enantiomeric separation of amlodipine and its two chiral impurities by nano-liquid chromatography and capillary electrochromatography using a chiral stationary phase based on cellulose tris(4-chlorophenylmethylphenylcarbamate). <i>Electrophoresis</i> , 2013, 34, 2593-2600.	2.4	40
21	Ordered mesoporous silica functionalized with β -cyclodextrin derivative for stereoisomer separation of flavanones and flavanone glycosides by nano-liquid chromatography and capillary electrochromatography. <i>Journal of Chromatography A</i> , 2017, 1490, 166-176.	3.7	39
22	Investigation of polar stationary phases for the separation of sympathomimetic drugs with nano-liquid chromatography in hydrophilic interaction liquid chromatography mode. <i>Analytica Chimica Acta</i> , 2011, 685, 103-110.	5.4	38
23	Analysis of polyphenols and methylxantines in tea samples by means of nano-liquid chromatography utilizing capillary columns packed with core-shell particles. <i>Journal of Chromatography A</i> , 2012, 1234, 38-44.	3.7	38
24	Evaluation of novel amylose and cellulose-based chiral stationary phases for the stereoisomer separation of flavanones by means of nano-liquid chromatography. <i>Analytica Chimica Acta</i> , 2012, 738, 85-94.	5.4	37
25	Enantiomeric resolution by capillary zone electrophoresis: Use of pepsin for separation of chiral compounds of pharmaceutical interest. <i>Journal of Separation Science</i> , 1997, 9, 9-14.	1.0	34
26	Optimization of a pressurized liquid junction nanoelectrospray interface between CE and MS for reliable proteomic analysis. <i>Electrophoresis</i> , 2007, 28, 1964-1969.	2.4	33
27	Enantioselective separation of the novel antidepressant mirtazapine and its main metabolites by CEC. <i>Electrophoresis</i> , 2007, 28, 2717-2725.	2.4	32
28	CEC-ESI ion trap MS of multiple drugs of abuse. <i>Electrophoresis</i> , 2010, 31, 1256-1263.	2.4	31
29	Separation of diastereomers of flavanone-7-O-glycosides by capillary electrophoresis using sulfobutyl ether- β -cyclodextrin as the selector. <i>Journal of Separation Science</i> , 2003, 26, 844-850.	2.5	30
30	Simultaneous analysis of cocaine and its metabolites in urine by capillary electrophoresis-electrospray mass spectrometry using a pressurized liquid junction nanoflow interface. <i>Electrophoresis</i> , 2012, 33, 653-660.	2.4	27
31	Analysis of drugs of forensic interest with capillary zone electrophoresis/time-of-flight mass spectrometry based on the use of non-volatile buffers. <i>Electrophoresis</i> , 2012, 33, 599-606.	2.4	27
32	Use of MDL 63246 (Hepta-Tyr) antibiotic in capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 1999, 838, 223-235.	3.7	26
33	Chiral separations by capillary zone electrophoresis with the use of cyanoethylated- β -cyclodextrin as chiral selector. <i>Journal of Chromatography A</i> , 1998, 817, 91-104.	3.7	23
34	Miniaturized separation techniques as analytical methods to ensure quality and safety of dietary supplements. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 103, 156-183.	11.4	23
35	Further study on the use of uncharged β -cyclodextrin polymer in capillary electrophoresis: Enantiomeric separation of some \pm -hydroxy acids. <i>Electrophoresis</i> , 1995, 16, 1505-1509.	2.4	22
36	Use of a Hepta-tyr glycopeptide antibiotic as chiral selector in capillary electrophoresis. <i>Electrophoresis</i> , 1998, 19, 1742-1751.	2.4	21

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37	Non-aqueous reversed-phase liquid-chromatography of tocopherols and tocotrienols and their mass spectrometric quantification in pecan nuts. <i>Journal of Food Composition and Analysis</i> , 2017, 64, 171-180.	3.9	19
38	Capillary electrochromatographic separation of illicit drugs employing a cyano stationary phase. <i>Journal of Chromatography A</i> , 2009, 1216, 3652-3659.	3.7	16
39	Design, Synthesis and Biological Evaluation of Aromatase Inhibitors Based on Sulfonates and Sulfonamides of Resveratrol. <i>Pharmaceuticals</i> , 2021, 14, 984.	3.8	16
40	Control of EOF in CE by different ways of application of radial electric field. <i>Electrophoresis</i> , 2007, 28, 756-766.	2.4	15
41	Determination of key flavonoid aglycones by means of nano- μ LC for the analysis of dietary supplements and food matrices. <i>Electrophoresis</i> , 2015, 36, 1073-1081.	2.4	14
42	Online sample concentration and analysis of drugs of abuse in human urine by micelle to solvent stacking in capillary zone electrophoresis. <i>Electrophoresis</i> , 2016, 37, 2875-2881.	2.4	14
43	Stereoisomer separation of flavanones and flavanone-O-glycosides by means of nanoliquid chromatography employing derivatized β -cyclodextrins as mobile phase additive. <i>Journal of Separation Science</i> , 2020, 43, 3382-3390.	2.5	13
44	Rapid determination of nucleotides in infant formula by means of nano- μ liquid chromatography. <i>Electrophoresis</i> , 2016, 37, 1873-1880.	2.4	12
45	CEC separation of insect oostatic peptides using a strong-cation-exchange stationary phase. <i>Electrophoresis</i> , 2007, 28, 1689-1695.	2.4	11
46	Comparison of nano and conventional liquid chromatographic methods for the separation of (+)-catechin-ethyl-malvidin-3-glucoside diastereoisomers. <i>Journal of Chromatography A</i> , 2016, 1428, 126-133.	3.7	9
47	A Rapid Nano-Liquid Chromatographic Method for the Analysis of Cannabinoids in Cannabis sativa L. Extracts. <i>Molecules</i> , 2021, 26, 1825.	3.8	9