

Ahmad Aqel

List of Publications by Year in descending order

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35
papers

1,294
citations

471061

17
h-index

395343

33
g-index

35
all docs

35
docs citations

35
times ranked

1857
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of value-added metal-organic frameworks for high-performance liquid chromatography. Towards green chromatographic columns. <i>Journal of Chromatography A</i> , 2021, 1638, 461857.	1.8	17
2	Trace analysis of environmental endocrine disrupting contaminant bisphenol A in canned, glass and polyethylene terephthalate plastic carbonated beverages of diverse flavors and origin. <i>Food Science and Technology</i> , 2021, 41, 210-217.	0.8	4
3	Development of QuEChERS extraction method for the determination of pesticide residues in cereals using DART-ToF-MS and GC-MS techniques. Correlation and quantification study. <i>Journal of Food Composition and Analysis</i> , 2021, 98, 103822.	1.9	13
4	Production of Terretinin N and Butyrolactone I by Thermophilic <i>Aspergillus terreus</i> TM8 Promoted Apoptosis and Cell Death in Human Prostate and Ovarian Cancer Cells. <i>Molecules</i> , 2021, 26, 2816.	1.7	16
5	Synthesis of value-added MIL-53(Cr) from waste polyethylene terephthalate bottles for the high-performance liquid chromatographic determination of methylxanthines in tea. <i>Microchemical Journal</i> , 2021, 167, 106294.	2.3	4
6	Trace identification of endocrine-disrupting bisphenol A in drinking water by solid-phase extraction and ultra-performance liquid chromatography-tandem mass spectrometry. <i>Journal of King Saud University - Science</i> , 2020, 32, 1634-1640.	1.6	24
7	Preparation and Characterization of Glycidyl Polymethacrylate Monolith Column and its Application for Simultaneous Determination of Paracetamol and Chlorzoxazone in Their Combined Pharmaceutical Formulations. <i>Journal of Analytical Chemistry</i> , 2020, 75, 1435-1442.	0.4	0
8	Determination of Monoaromatic Hydrocarbons in Water Samples by Nano-Liquid Chromatography using a Composite Carbon Nanotubes- Lauryl Polymethacrylate Capillary Monolithic Column. <i>Current Analytical Chemistry</i> , 2020, 16, 223-233.	0.6	3
9	Development and Validation of a Rapid and Efficient Method for Simultaneous Determination of Scopolin and Scopoletin in <i>Convolvulus</i> Species by Ultra- high-performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Current Pharmaceutical Analysis</i> , 2020, 16, 494-503.	0.3	1
10	Simultaneous Capillary Liquid Chromatography Determination of Drugs in Pharmaceutical Preparations Using Tunable Platforms of Polymethacrylate Monolithic Columns Modified with Octadecylamine. <i>Chromatographia</i> , 2019, 82, 1003-1015.	0.7	8
11	Rapid and Sensitive Determination of Methylxanthines in Commercial Brands of Tea Using Ultra-High-Performance Liquid Chromatography-Mass Spectrometry. <i>International Journal of Analytical Chemistry</i> , 2019, 2019, 1-9.	0.4	13
12	Carbon nanotube-based benzyl polymethacrylate composite monolith as a solid phase extraction adsorbent and a stationary phase material for simultaneous extraction and analysis of polycyclic aromatic hydrocarbon in water. <i>Journal of Chromatography A</i> , 2018, 1535, 17-26.	1.8	26
13	Preparation, characterization and application of polymethacrylate-based monolithic columns for fast and efficient separation of alkanes, alcohols, alkylbenzenes and isomeric mixtures by gas chromatography. <i>Journal of Chromatography A</i> , 2018, 1555, 89-99.	1.8	6
14	Simultaneous Determination of Paracetamol and Chlorzoxazone in Their Combined Pharmaceutical Formulations by Reversed-phase Capillary Liquid Chromatography Using a Polymethacrylate Monolithic Column. <i>Journal of Chromatographic Science</i> , 2018, 56, 819-827.	0.7	15
15	Using of Nanomaterials to Enhance the Separation Efficiency of Monolithic Columns. , 2018, , 299-322.		3
16	Antibacterial, Antioxidant Activity of Ethanolic Plant Extracts of Some <i>Convolvulus</i> Species and Their DART-ToF-MS Profiling. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-9.	0.5	48
17	Monolithic metal-organic framework MIL-53(Al)-polymethacrylate composite column for the reversed-phase capillary liquid chromatography separation of small aromatics. <i>Journal of Separation Science</i> , 2016, 39, 880-888.	1.3	26
18	Determination of gasoline and diesel residues on wool, silk, polyester and cotton materials by SPME-GC-MS. <i>Journal of Analytical Chemistry</i> , 2016, 71, 730-736.	0.4	17

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19	Zeolitic imidazolate framework-methacrylate composite monolith characterization by inverse gas chromatography. <i>Journal of Chromatography A</i> , 2016, 1443, 233-240.	1.8	21
20	Effect of sporopollenin microparticle incorporation into the hexyl methacrylate-based monolithic columns for capillary liquid chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2016, 39, 752-761.	0.5	5
21	Determination of free fatty acids in olive oils by UPLC-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1031, 109-115.	1.2	66
22	Fabrication of zeolitic imidazolate framework-8-methacrylate monolith composite capillary columns for fast gas chromatographic separation of small molecules. <i>Journal of Chromatography A</i> , 2015, 1406, 299-306.	1.8	26
23	Analysis of Quercetin and Kaempferol in an Alcoholic Extract of <i>Convolvulus pilosellifolius</i> using HPLC. <i>Communications in Soil Science and Plant Analysis</i> , 2015, 46, 1411-1418.	0.6	17
24	Sporopollenin Microparticle-Based Monolithic Capillary Columns for Liquid Chromatography. <i>Chromatographia</i> , 2015, 78, 481-486.	0.7	9
25	Preparation of High Porous Poly(2-ethylhexyl methacrylate-co-ethylene Glycol Dimethacrylate) Monolithic Columns for Fast Separation of Small Molecules. <i>Asian Journal of Chemistry</i> , 2014, 26, 8223-8228.	0.1	3
26	Preparation and Evaluation of Benzyl Methacrylate Monoliths for Capillary Chromatography. <i>Journal of Chromatographic Science</i> , 2014, 52, 201-210.	0.7	17
27	Metal-organic frameworks in chromatography. <i>Journal of Chromatography A</i> , 2014, 1348, 1-16.	1.8	106
28	Determination of Gasoline Residues on Carpets by SPME-GC-MS Technique. <i>Arabian Journal for Science and Engineering</i> , 2014, 39, 6749-6756.	1.1	21
29	Preparation and characterization of alkyl methacrylate-based monolithic columns for capillary gas chromatography applications. <i>Journal of Chromatography A</i> , 2013, 1301, 200-208.	1.8	12
30	Effect of multi-walled carbon nanotubes incorporation into benzyl methacrylate monolithic columns in capillary liquid chromatography. <i>Analyst, The</i> , 2012, 137, 4309.	1.7	48
31	Fast chromatographic determination of caffeine in food using a capillary hexyl methacrylate monolithic column. <i>Food Chemistry</i> , 2012, 132, 2217-2223.	4.2	45
32	Carbon nanotubes, science and technology part (I) structure, synthesis and characterisation. <i>Arabian Journal of Chemistry</i> , 2012, 5, 1-23.	2.3	450
33	Preparation and Evaluation of Long Chain Alkyl Methacrylate Monoliths for Capillary Chromatography. <i>Chromatographia</i> , 2011, 74, 1-8.	0.7	18
34	Critical evaluation and comparison of enrichment efficiency of multi-walled carbon nanotubes, C18 silica and activated carbon towards some pesticides from environmental waters. <i>Talanta</i> , 2008, 74, 1675-1680.	2.9	109
35	Effect of oxidation and dimensions of multi-walled carbon nanotubes on solid phase extraction and enrichment of some pesticides from environmental waters prior to their simultaneous determination by high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2007, 1164, 25-32.	1.8	77