

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	Carbon nanotubes, science and technology part (I) structure, synthesis and characterisation. Arabian Journal of Chemistry, 2012, 5, 1-23.	2.3	450
2	Critical evaluation and comparison of enrichment efficiency of multi-walled carbon nanotubes, C18 silica and activated carbon towards some pesticides from environmental waters. Talanta, 2008, 74, 1675-1680.	2.9	109
3	Metal-organic frameworks in chromatography. Journal of Chromatography A, 2014, 1348, 1-16.	1.8	106
4	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. Journal of Chromatography A, 2007, 1164, 25-32.	1.8	77
5	Determination of free fatty acids in olive oils by UPHLC-MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1031, 109-115.	1.2	66
6	Effect of multi-walled carbon nanotubes incorporation into benzyl methacrylate monolithic columns in capillary liquid chromatography. Analyst, The, 2012, 137, 4309.	1.7	48
7	Antibacterial, Antioxidant Activity of Ethanolic Plant Extracts of Some Convolvulus Species and Their DART-ToF-MS Profiling. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-9.	0.5	48
8	Fast chromatographic determination of caffeine in food using a capillary hexyl methacrylate monolithic column. Food Chemistry, 2012, 132, 2217-2223.	4.2	45
9	Fabrication of zeolitic imidazolate framework-8-methacrylate monolith composite capillary columns for fast gas chromatographic separation of small molecules. Journal of Chromatography A, 2015, 1406, 299-306.	1.8	26
10	Monolithic metal-organic framework MIL-53(Al)-polymethacrylate composite column for the reversed-phase capillary liquid chromatography separation of small aromatics. Journal of Separation Science, 2016, 39, 880-888.	1.3	26
11	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. Journal of Chromatography A, 2018, 1535, 17-26.	1.8	26
12	Trace identification of endocrine-disrupting bisphenol A in drinking water by solid-phase extraction and ultra-performance liquid chromatography-tandem mass spectrometry. Journal of King Saud University - Science, 2020, 32, 1634-1640.	1.6	24
13	Determination of Gasoline Residues on Carpets by SPME-GC-MS Technique. Arabian Journal for Science and Engineering, 2014, 39, 6749-6756.	1.1	21
14	Zeolitic imidazolate framework-methacrylate composite monolith characterization by inverse gas chromatography. Journal of Chromatography A, 2016, 1443, 233-240.	1.8	21
15	Preparation and Evaluation of Long Chain Alkyl Methacrylate Monoliths for Capillary Chromatography. Chromatographia, 2011, 74, 1-8.	0.7	18
16	Preparation and Evaluation of Benzyl Methacrylate Monoliths for Capillary Chromatography. Journal of Chromatographic Science, 2014, 52, 201-210.	0.7	17
17	Analysis of Quercetin and Kaempferol in an Alcoholic Extract of Convolvulus pilosellifolius using HPLC. Communications in Soil Science and Plant Analysis, 2015, 46, 1411-1418.	0.6	17
18	Determination of gasoline and diesel residues on wool, silk, polyester and cotton materials by SPME-GC-MS. Journal of Analytical Chemistry, 2016, 71, 730-736.	0.4	17

#	ARTICLE	IF	CITATIONS
19	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
20	Production of Terretonin 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
21	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
22	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
23	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
24	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
25	Sporopollenin Microparticle-Based Monolithic Capillary Columns for Liquid Chromatography. <i>Chromatographia</i> , 2015, 78, 481-486.	0.7	9
26	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
27	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
28	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
29	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
30	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
31	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
32	Using of Nanomaterials to Enhance the Separation Efficiency of Monolithic Columns. , 2018, , 299-322.		3
33	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
34	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
35	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