

Enrique Javier Carrasco-Correa

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33
papers

394
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h-index

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35
ext. papers

490
ext. citations

5.9
avg, IF

4.15
L-index

#	Paper	IF	Citations
33	Hybrid methacrylate monolithic columns containing magnetic nanoparticles for capillary electrochromatography. <i>Journal of Chromatography A</i> , 2015 , 1385, 77-84	4.5	39
32	Incorporation of zeolitic imidazolate framework (ZIF-8)-derived nanoporous carbons in methacrylate polymeric monoliths for capillary electrochromatography. <i>Talanta</i> , 2017 , 164, 348-354	6.2	30
31	Sensitive determination of parabens in human urine and serum using methacrylate monoliths and reversed-phase capillary liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2015 , 1379, 65-73	4.5	28
30	Methacrylate monolithic columns functionalized with epinephrine for capillary electrochromatography applications. <i>Journal of Chromatography A</i> , 2013 , 1298, 61-7	4.5	27
29	Polymethacrylate monoliths with immobilized poly-3-mercaptopropyl methylsiloxane film for high-coverage surface functionalization by thiol-ene click reaction. <i>Journal of Chromatography A</i> , 2014 , 1367, 123-30	4.5	26
28	Current trends in affinity-based monoliths in microextraction approaches: A review. <i>Analytica Chimica Acta</i> , 2019 , 1084, 1-20	6.6	24
27	The emerging role of 3D printing in the fabrication of detection systems. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 136, 116177	14.6	20
26	Incorporation of metal-organic framework amino-modified MIL-101 into glycidyl methacrylate monoliths for nano LC separation. <i>Journal of Separation Science</i> , 2019 , 42, 834-842	3.4	18
25	Preparation of organic monolithic columns in polytetrafluoroethylene tubes for reversed-phase liquid chromatography. <i>Analytica Chimica Acta</i> , 2017 , 960, 160-167	6.6	17
24	Organo-silica hybrid capillary monolithic column with mesoporous silica particles for separation of small aromatic molecules. <i>Mikrochimica Acta</i> , 2017 , 184, 3799-3808	5.8	17
23	Evaluation of 2,3-epoxypropyl groups and functionalization yield in glycidyl methacrylate monoliths using gas chromatography. <i>Journal of Chromatography A</i> , 2015 , 1379, 100-5	4.5	13
22	Evaluation of molecular mass and tacticity of polyvinyl alcohol by non-equilibrium capillary electrophoresis of equilibrium mixtures of a polymer and a dye. <i>Journal of Chromatography A</i> , 2011 , 1218, 2334-41	4.5	13
21	3D printed fluidic platform with in-situ covalently immobilized polymer monolithic column for automatic solid-phase extraction. <i>Analytica Chimica Acta</i> , 2020 , 1111, 40-48	6.6	13
20	Phosphatidylcholine covalently linked to a methacrylate-based monolith as a biomimetic stationary phase for capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2015 , 1402, 27-35	4.5	12
19	Determination of antibiotics in meat samples using analytical methodologies: A review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021 , 20, 1681-1716	16.4	12
18	Photografted methacrylate-based monolithic columns coated with cellulose tris(3,5-dimethylphenylcarbamate) for chiral separation in CEC. <i>Journal of Separation Science</i> , 2018 , 41, 1424-1432	3.4	11
17	Carbon nanostructures incorporated on methacrylate monoliths for separation of small molecules by nano-liquid chromatography. <i>Microchemical Journal</i> , 2018 , 139, 222-229	4.8	10

16	Fully Automated Electric-Field-Driven Liquid Phase Microextraction System with Renewable Organic Membrane As a Front End to High Performance Liquid Chromatography. <i>Analytical Chemistry</i> , 2019 , 91, 10808-10815	7.8	10
15	Determination of alcohols in essential oils by liquid chromatography with ultraviolet detection after chromogenic derivatization. <i>Journal of Chromatography A</i> , 2013 , 1296, 157-63	4.5	10
14	Zwitterionic codeine-derived methacrylate monoliths for enantioselective capillary electrochromatography of chiral acids and chiral bases. <i>Electrophoresis</i> , 2018 , 39, 2558-2565	3.6	8
13	Hybrid monoliths with metal-organic frameworks in spin columns for extraction of non-steroidal drugs prior to their quantitation by reversed-phase HPLC. <i>Mikrochimica Acta</i> , 2019 , 186, 759	5.8	8
12	Application of Organic Monolithic Materials to Enantioseparation in Capillary Separation Techniques. <i>Current Medicinal Chemistry</i> , 2017 , 24, 781-795	4.3	8
11	Modelling retention and peak shape of small polar solutes analysed by nano-HPLC using methacrylate-based monolithic columns. <i>Analytica Chimica Acta</i> , 2019 , 1086, 142-155	6.6	5
10	Recent advances in aptamer-based miniaturized extraction approaches in food analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 138, 116230	14.6	4
9	Synchronized gradient elution in capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2013 , 1318, 142-8	4.5	3
8	Thermal desorption gas chromatography with mass spectrometry study of outgassing from polymethacrylimide foam (Rohacell®). <i>Journal of Separation Science</i> , 2015 , 38, 3028-37	3.4	2
7	An automatic flow-through system for exploration of the human bioaccessibility of endocrine disrupting compounds from microplastics. <i>Analyst, The</i> , 2021 , 146, 3858-3870	5	2
6	Human artificial membranes in (bio)analytical science: Potential for in vitro prediction of intestinal absorption-A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 116446	14.6	2
5	Recognition and alignment of variables from UV-vis chromatograms and application to industrial enzyme digests classification. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2017 , 165, 46-55	3.8	1
4	Reticular materials in sorbent-based extraction methods 2021 , 323-376		1
3	3D printed spinning cup-shaped device for immunoaffinity solid-phase extraction of diclofenac in wastewaters.. <i>Mikrochimica Acta</i> , 2022 , 189, 173	5.8	0
2	Reticular framework materials in miniaturized and emerging formats in analytical chemistry.. <i>Journal of Chromatography A</i> , 2022 , 1673, 463092	4.5	0
1	Smart Materials for Solid-Phase Extraction Applications 2019 , 531-580		