JÃ©rÃ´me Randon

List of Publications by Year
in descending order

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Version: 2024-02-01

38	789	623734	526287
papers	citations	14 h-index	27 g-index

38	38	38	866
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemical calibration, performance, validation and applications of the polar organic chemical integrative sampler (POCIS) in aquatic environments. TrAC - Trends in Analytical Chemistry, 2012, 36, 144-175.	11.4	163
2	Synthesis of zirconia monoliths for chromatographic separations. Journal of Chromatography A, 2006, 1109, 19-25.	3.7	63
3	Synthesis of titania monoliths for chromatographic separations. Journal of Chromatography A, 2008, 1214, 183-186.	3.7	51
4	Zirconia based monoliths used in hydrophilic-interaction chromatography for original selectivity of xanthines. Journal of Chromatography A, 2010, 1217, 1496-1500.	3.7	51
5	Back to BAC: Insights into Boronate Affinity Chromatography Interaction Mechanisms. Separation and Purification Reviews, 2018, 47, 214-228.	5.5	46
6	Evaluation of Titanium Dioxide as a Binding Phase for the Passive Sampling of Glyphosate and Aminomethyl Phosphonic Acid in an Aquatic Environment. Analytical Chemistry, 2015, 87, 6004-6009.	6.5	45
7	Kinetic accumulation processes and models for 43 micropollutants in â€œpharmaceuticalâ€•POCIS. Science of the Total Environment, 2018, 615, 197-207.	8.0	42
8	New â€œone-stepâ€•method for the simultaneous synthesis and anchoring of organic monolith inside COC microchip channels. Lab on A Chip, 2012, 12, 1680.	6.0	32
9	Capillary monolithic titania column for miniaturized liquid chromatography and extraction of organo-phosphorous compounds. Analytical and Bioanalytical Chemistry, 2011, 400, 1241-1249.	3.7	29
10	Development and application of a new in-line coupling of a miniaturized boronate affinity monolithic column with capillary zone electrophoresis for the selective enrichment and analysis of cis-diol-containing compounds. Journal of Chromatography A, 2017, 1494, 65-76.	3.7	28
11	Improved chromatographic performances of glycidyl methacrylate anionâ€exchange monolith for fast nanoâ€ion exchange chromatography. Journal of Separation Science, 2011, 34, 2079-2087.	2.5	24
12	Chromatographic behavior of xanthines in aqueous normal phase chromatography using titania stationary phase. Journal of Chromatography A, 2011, 1218, 721-725.	3.7	24
13	Evaluation of boronate affinity solid-phase extraction coupled in-line to capillary isoelectric focusing for the analysis of catecholamines in urine. Analytica Chimica Acta, 2018, 1034, 195-203.	5.4	16
14	Monolith weak affinity chromatography for Î¼g-protein-ligand interaction study. Journal of Pharmaceutical and Biomedical Analysis, 2019, 166, 164-173.	2.8	16
15	Taylor Dispersion Analysis Coupled to Inductively Coupled Plasma-Mass Spectrometry for Ultrasmall Nanoparticle Size Measurement: From Drug Product to Biological Media Studies. Analytical Chemistry, 2021, 93, 1254-1259.	6.5	14
16	Ultrafiltration of seawater with a zirconium and aluminum oxide tubular membrane: application to the study of colloidal organic carbon distribution in an estuarine bottom nepheloid layer. Marine Chemistry, 1994, 46, 49-60.	2.3	13
17	Is vacuum ultraviolet detector a concentration or a mass dependent detector?. Journal of Chromatography A, 2017, 1530, 171-175.	3.7	13
18	Synthesis and Surface Reactivity of Vinylized Macroporous Silica Monoliths: One-Pot Hybrid versus Postsynthesis Grafting Strategies. Langmuir, 2015, 31, 11649-11658.	3.5	12

#	Article	IF	Citations
19	Development of a new in-line coupling of a miniaturized boronate affinity monolithic column with reversed-phase silica monolithic capillary column for analysis of cis-diol-containing nucleoside compounds. Journal of Chromatography A, 2019, 1597, 209-213.	3.7	12
20	Hyphenation of short monolithic silica capillary column with vacuum ultraviolet spectroscopy detector for light hydrocarbons separation. Journal of Chromatography A, 2019, 1595, 174-179.	3.7	10
21	Biodegradation of metal-based ultra-small nanoparticles: A combined approach using TDA-ICP-MS and CE-ICP-MS. Analytica Chimica Acta, 2021, 1185, 339081.	5.4	10
22	Calibration of silicone rubber rods as passive samplers for pesticides at two different flow velocities: Modeling of sampling rates under water boundary layer and polymer control. Environmental Toxicology and Chemistry, 2018, 37, 1208-1218.	4.3	9
23	Combination of sorption properties of polydimethylsiloxane and solid-phase extraction sorbents in a single composite material for the passive sampling of polar and apolar pesticides in water. Journal of Separation Science, 2016, 39, 3990-3997.	2.5	8
24	Behavior of macroporous vinyl silica and silica monolithic columns in high pressure gas chromatography. Journal of Chromatography A, 2017, 1504, 105-111.	3.7	8
25	Hydrodynamic flow and electroosmotic flow in zirconia-packed capillaries. Electrophoresis, 2006, 27, 736-741.	2.4	7
26	Off-line coupling of capillary isotachophoresis separation to IRMPD spectroscopy for glycosaminoglycans analysis: Application to the chondroitin sulfate disaccharides model solutes. Journal of Chromatography A, 2020, 1617, 460782.	3.7	6
27	Retention of Î² blockers on native titania stationary phase. Journal of Separation Science, 2011, 34, 1805-1810.	2.5	5
28	Behavior of short silica monolithic columns in high pressure gas chromatography. Journal of Chromatography A, 2016, 1460, 153-159.	3.7	5
29	Characterization of Nano-Gravimetric-Detector Response and Application to Petroleum Fluids up to C34. Analytical Chemistry, 2020, 92, 15845-15853.	6.5	5
30	Streaming current measurements in zirconia-coated capillaries. Electrophoresis, 2004, 25, 3086-3091.	2.4	4
31	Separation of xanthines in hydro-organic and polar-organic elution modes on a titania stationary phase. Journal of Separation Science, 2014, 37, 536-542.	2.5	4
32	A summer school where master students learn the skills needed to work in an accredited analytical laboratory. Analytical and Bioanalytical Chemistry, 2015, 407, 6899-6907.	3.7	4
33	Behavior of micro pillar array column in high pressure gas chromatography. Journal of Chromatography A, 2021, 1656, 462551.	3.7	4
34	Polydimethylsiloxane Rods for the Passive Sampling of Pesticides in Surface Waters. Water (Switzerland), 2013, 5, 1366-1379.	2.7	3
35	A design of experiment approach to the solâ€“gel synthesis of titania monoliths for chromatographic applications. Analytical and Bioanalytical Chemistry, 2012, 403, 1145-1155.	3.7	2
36	EACH (Excellence in Analytical Chemistry), an Erasmus Mundus Joint Programme: progress and success. Analytical and Bioanalytical Chemistry, 2019, 411, 5913-5921.	3.7	1

#	Article	IF	Citations
37	Masterâ€™s degree: from analytical science to process analytical technology. Analytical and Bioanalytical Chemistry, 2012, 403, 2459-2460.	3.7	0
38	Identification of Molecular Fragments in Equilibrium with Polysiloxane Ultrasmall Nanoparticles. Nanomaterials, 2022, 12, 738.	4.1	0