

Alex D Batista

List of Publications by Year in descending order

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45
papers

989
citations

567247

15
h-index

434170

31
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46
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46
docs citations

46
times ranked

1068
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-phase determination of calcium and magnesium in biodiesel using smartphone-based digital images. <i>Fuel</i> , 2022, 307, 121837.	6.4	10
2	Plastic Antibodies Mimicking the ACE2 Receptor for Selective Binding of SARS-CoV-2 Spike. <i>Advanced Materials Interfaces</i> , 2022, 9, 2101925.	3.7	12
3	The use of in silico models for the rationalization of molecularly imprinted polymer synthesis. <i>European Polymer Journal</i> , 2022, 166, 111024.	5.4	9
4	Plastic Antibodies Mimicking the ACE2 Receptor for Selective Binding of SARS-CoV-2 Spike (Adv. Mater.) Tj ETQg 0 0 rgBT /Overloc	3.7	0
5	Heat-based procedure for detectability enhancement of colorimetric paper-based spot tests. <i>Microchemical Journal</i> , 2022, 177, 107320.	4.5	0
6	Paper-based optoelectronic nose for identification of indoor air pollution caused by 3D printing thermoplastic filaments. <i>Analytica Chimica Acta</i> , 2021, 1143, 1-8.	5.4	20
7	3D-printed and fully portable fluorescent-based platform for sulfide determination in waters combining vapor generation extraction and digital images treatment. <i>Talanta</i> , 2021, 222, 121558.	5.5	24
8	UV/Vis-Based Optical Sensors for Gaseous and Volatile Analytes. , 2021, , .		0
9	Molecularly imprinted materials for biomedical sensing. <i>Medical Devices & Sensors</i> , 2021, 4, e10166.	2.7	12
10	Chemical QR Code: A simple and disposable paper-based optoelectronic nose for the identification of olive oil odor. <i>Food Chemistry</i> , 2021, 350, 129243.	8.2	17
11	Current overview and perspectives in environmentally friendly microextractions of carbamates and dithiocarbamates. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021, 20, 6116-6145.	11.7	13
12	1/4OPTO: A microfluidic paper-based optoelectronic tongue as presumptive tests for the discrimination of alkaloid drugs for forensic purposes. <i>Analytica Chimica Acta</i> , 2021, 1187, 339141.	5.4	12
13	Development and Characterization of Magnetic SARS-CoV-2 Peptide-Imprinted Polymers. <i>Nanomaterials</i> , 2021, 11, 2985.	4.1	14
14	Molecularly Imprinted Polymer Micro- and Nano-Particles: A Review. <i>Molecules</i> , 2020, 25, 4740.	3.8	57
15	Paper-based analytical device for colorimetric detection of Cu ²⁺ in Brazilian sugarcane spirits by digital image treatment. <i>Microchemical Journal</i> , 2020, 159, 105463.	4.5	14
16	Novel approaches for colorimetric measurements in analytical chemistry – A review. <i>Analytica Chimica Acta</i> , 2020, 1135, 187-203.	5.4	140
17	Two-dimensional separation by sequential injection chromatography. <i>Journal of Chromatography A</i> , 2020, 1626, 461365.	3.7	6
18	A SALTING-OUT ASSISTED LIQUID-LIQUID EXTRACTION FOR THE DETERMINATION OF TEBUCONAZOLE, CARBOFURAN AND IMIDACLOPRID IN WHITE AND ROSÁ% WINES. <i>Quimica Nova</i> , 2020, , .	0.3	1

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19	3D-printed Portable Platform for Mechanized Handling and Injection of Microvolumes Coupled to Electrochemical Detection. <i>Electroanalysis</i> , 2019, 31, 771-777.	2.9	22
20	Fast methods for simultaneous determination of arginine, ascorbic acid and aspartic acid by capillary electrophoresis. <i>Talanta</i> , 2019, 204, 353-358.	5.5	34
21	Highly sensitive procedure for determination of Cu(II) by GF AAS using single-drop microextraction. <i>Microchemical Journal</i> , 2019, 147, 894-898.	4.5	38
22	Iron (III) determination in bioethanol fuel using a smartphone-based device. <i>Microchemical Journal</i> , 2019, 146, 1134-1139.	4.5	32
23	Rapid method for simultaneous determination of ascorbic acid and zinc in effervescent tablets by capillary zone electrophoresis with contactless conductivity detection. <i>Journal of Separation Science</i> , 2019, 42, 754-759.	2.5	16
24	Solenoid Micro-pumps: A New Tool for Sample Introduction in Batch Injection Analysis Systems with Electrochemical Detection. <i>Electroanalysis</i> , 2018, 30, 180-186.	2.9	5
25	Screen-printed electrodes for quality control of liquid (Bio)fuels. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 108, 210-220.	11.4	13
26	Solid-phase extractions in flow analysis. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 803-824.	0.8	7
27	Ultrafast capillary electrophoresis method for the simultaneous determination of ammonium and diphenhydramine in pharmaceutical samples. <i>Journal of Separation Science</i> , 2018, 41, 2969-2975.	2.5	9
28	Single-run capillary electrophoresis method for the fast simultaneous determination of amoxicillin, clavulanate, and potassium. <i>Journal of Separation Science</i> , 2017, 40, 3557-3562.	2.5	25
29	Flow-based food analysis: an overview of recent contributions. <i>Analytical Methods</i> , 2017, 9, 6313-6334.	2.7	11
30	Fast and environmentally friendly determination of salicylic acid in plant materials by sequential injection chromatography. <i>Analytical Methods</i> , 2016, 8, 6398-6403.	2.7	11
31	A sub-minute electrophoretic method for simultaneous determination of naphazoline and zinc. <i>Journal of Chromatography A</i> , 2016, 1472, 134-137.	3.7	12
32	Liquid-liquid microextraction in sequential injection analysis for the direct spectrophotometric determination of acid number in biodiesel. <i>Microchemical Journal</i> , 2016, 124, 55-59.	4.5	11
33	On-column preconcentration in sequential injection chromatography: application to determination of parabens. <i>Analytical Methods</i> , 2015, 7, 4371-4375.	2.7	10
34	On-line hyphenation of solid-phase extraction to chromatographic separation of sulfonamides with fused-core columns in sequential injection chromatography. <i>Talanta</i> , 2015, 133, 142-149.	5.5	29
35	A flow injection low-pressure chromatographic system exploiting fused-core columns. <i>Analytical Methods</i> , 2014, 6, 9299-9304.	2.7	4
36	Flow analysis in Brazil: contributions over the last four decades. <i>Analyst</i> , The, 2014, 139, 3666-3682.	3.5	10

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37	Expanding the separation capability of sequential injection chromatography: Determination of melamine in milk exploiting micellar medium and on-line sample preparation. <i>Microchemical Journal</i> , 2014, 117, 106-110.	4.5	20
38	A green flow-injection procedure for fluorimetric determination of bisphenol A in tap waters based on the inclusion complex with β -cyclodextrin. <i>International Journal of Environmental Analytical Chemistry</i> , 2013, 93, 1402-1412.	3.3	18
39	Greening sample preparation in inorganic analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 45, 79-92.	11.4	65
40	A Multi-pumping Flow System for Fast Spectrophotometric Determination of Simvastatin. <i>Current Pharmaceutical Analysis</i> , 2013, 9, 114-120.	0.6	0
41	New sorbents for extraction and microextraction techniques. <i>Journal of Chromatography A</i> , 2010, 1217, 2533-2542.	3.7	224
42	Sub-Minute Method for Determination of Naphazoline in the Presence of Diphenhydramine, Pheniramine or Chlorpheniramine by Capillary Electrophoresis. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1
43	PERFORMING RELIABLE ABSORBANCE AND FLUORESCENCE MEASUREMENTS WITH LOW BUDGET "A TUTORIAL FOR BEGINNERS. <i>Quimica Nova</i> , 0, , .	0.3	1
44	ELECTROCHEMICAL DETERMINATION OF 2-NAPHTHYLAMINE IN PERFUME SAMPLES USING BORONDOPED DIAMOND ELECTRODE. <i>Quimica Nova</i> , 0, , .	0.3	0
45	Development of a Disposable Pipette Extraction Method Using Coffee Silverskin as an Adsorbent for Chromium Determination in Wastewater Samples by Solid Phase Extraction. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	0