Catia Contado

List of Publications by Year in descending order

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51 papers	1,767 citations	236925 25 h-index	265206 42 g-index
51 all docs	51 docs citations	51 times ranked	2408 citing authors

#	Article	IF	Citations
1	Characterization methods for studying protein adsorption on nano-polystyrene beads. Journal of Chromatography A, 2019, 1606, 460383.	3.7	14
2	Integration of Inverse Supercritical Fluid Extraction and Miniaturized Asymmetrical Flow Field-Flow Fractionation for the Rapid Analysis of Nanoparticles in Sunscreens. Analytical Chemistry, 2018, 90, 3189-3195.	6.5	8
3	Nanostructured lipid carriers (NLC) for the delivery of natural molecules with antimicrobial activity: production, characterisation and in vitro studies. Journal of Microencapsulation, 2017, 34, 63-72.	2.8	38
4	Field flow fractionation techniques to explore the â€œnano-worldâ€• Analytical and Bioanalytical Chemistry, 2017, 409, 2501-2518.	3.7	88
5	Monoolein aqueous dispersions as a delivery system for quercetin. Biomedical Microdevices, 2017, 19, 41.	2.8	15
6	Investigation of zinc oxide particles in cosmetic products by means of centrifugal and asymmetrical flow field-flow fractionation. Journal of Chromatography A, 2017, 1515, 196-208.	3.7	35
7	Sedimentation field flow fractionation and optical absorption spectroscopy for a quantitative size characterization of silver nanoparticles. Journal of Chromatography A, 2016, 1471, 178-185.	3.7	11
8	Physicochemical and toxicological evaluation of silica nanoparticles suitable for food and consumer products collected by following the EC recommendation. Analytical and Bioanalytical Chemistry, 2016, 408, 271-286.	3.7	35
9	Nanomaterials in consumer products: a challenging analytical problem. Frontiers in Chemistry, 2015, 3, 48.	3.6	181
10	Cannabinoid antagonist in nanostructured lipid carriers (NLCs): design, characterization and in vivo study. Materials Science and Engineering C, 2015, 48, 328-336.	7.3	43
11	Biodistribution of nanostructured lipid carriers: A tomographic study. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 89, 145-156.	4.3	29
12	Lipid nanocarriers containing a levodopa prodrug with potential antiparkinsonian activity. Materials Science and Engineering C, 2015, 48, 294-300.	7.3	11
13	Critical Experimental Evaluation of Key Methods to Detect, Size and Quantify Nanoparticulate Silver. Analytical Chemistry, 2014, 86, 12143-12151.	6.5	50
14	Development and characterization of PLGA nanoparticles as delivery systems of a prodrug of zidovudine obtained by its conjugation with ursodeoxycholic acid. Drug Delivery, 2014, 21, 221-232.	5.7	17
15	Influence of secondary preparative parameters and aging effects on PLGA particle size distribution: a sedimentation field flow fractionation investigation. Analytical and Bioanalytical Chemistry, 2013, 405, 703-711.	3.7	28
16	Curcumin containing monoolein aqueous dispersions: A preformulative study. Materials Science and Engineering C, 2013, 33, 4923-4934.	7.3	42
17	Size characterization by Sedimentation Field Flow Fractionation of silica particles used as food additives. Analytica Chimica Acta, 2013, 788, 183-192.	5.4	51
18	Clotrimazole nanoparticle gel for mucosal administration. Materials Science and Engineering C, 2013, 33, 411-418.	7.3	58

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19	Nanoparticulate lipid dispersions for bromocriptine delivery: Characterization and in vivo study. European Journal of Pharmaceutics and Biopharmaceutics, 2012, 80, 306-314.	4.3	106
20	A new strategy for pressed powder eye shadow analysis: Allergenic metal ion content and particle size distribution. Science of the Total Environment, 2012, 432, 173-179.	8.0	30
21	Sedimentation field flow fractionation and flow field flow fractionation as tools for studying the aging effects of WO3 colloids for photoelectrochemical uses. Journal of Chromatography A, 2011, 1218, 4179-4187.	3.7	8
22	Field-Flow Fractionation. Chromatographic Science, 2010, , 329-359.	0.1	0
23	Evaluation of Percutaneous Absorption of Naproxen from Different Liposomal Formulations. Journal of Pharmaceutical Sciences, 2010, 99, 2819-2829.	3.3	31
24	TiO2 nano- and micro-particles in commercial foundation creams: Field Flow-Fractionation techniques together with ICP-AES and SQW Voltammetry for their characterization. Analytical Methods, 2010, 2, 1112.	2.7	46
25	Size sorting of citrate reduced gold nanoparticles by sedimentation field-flow fractionation. Journal of Chromatography A, 2009, 1216, 9088-9098.	3.7	28
26	TiO₂ in Commercial Sunscreen Lotion: Flow Field-Flow Fractionation and ICP-AES Together for Size Analysis. Analytical Chemistry, 2008, 80, 7594-7608.	6.5	112
27	Precision in differential fieldâ€flow fractionation: A chemometric study. Journal of Separation Science, 2007, 30, 2760-2779.	2.5	6
28	Complementary use of flow and sedimentation field-flow fractionation techniques for size characterizing biodegradable poly(lactic acid) nanospheres. Journal of Chromatography A, 2007, 1157, 321-335.	3.7	28
29	Sedimentation field flow fractionation of immunoglobulin A coated polystyrene beads. Journal of Chromatography A, 2007, 1169, 158-174.	3.7	6
30	SPLITT Cell Analytical Separation of Silica Particles. Non-Specific Crossover Effects: Does the Shear-Induced Diffusion Play a Role?. Chromatographia, 2007, 65, 453-462.	1.3	15
31	High-Speed Separation and Size Characterization of Wheat and Barley Starch Granules by Lift-Hyperlayer Asymmetrical Flow Field-Flow Fractionation in Synergy with SPLITT Fractionation. Starch/Staerke, 2006, 58, 140-154.	2.1	12
32	Nanoparticle formulation may affect the stabilization of an antiischemic prodrug. International Journal of Pharmaceutics, 2006, 307, 103-113.	5.2	20
33	Development of an SdFFFâ€“ETAAS hyphenated technique for dimensional and elemental characterization of colloids. Analytical and Bioanalytical Chemistry, 2006, 384, 922-930.	3.7	5
34	Cubosome Dispersions as Delivery Systems for Percutaneous Administration of Indomethacin. Pharmaceutical Research, 2005, 22, 2163-2173.	3.5	237
35	Metal Content in River Suspended Particulate Matter: Data on Po River. Annali Di Chimica, 2004, 94, 353-364.	0.6	0
36	Quantitative Splitt Fractionation of Lagoon Sediments. Annali Di Chimica, 2004, 94, 617-628.	0.6	3

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37	Programmed Field Decay Thermal Field Flow Fractionation of Polymers:Â A Calibration Method. Analytical Chemistry, 2004, 76, 6665-6680.	6.5	7
38	Analytical SPLITT cell fractionation: Linearity and resolution study. Journal of Separation Science, 2003, 26, 351-362.	2.5	6
39	Experimental approaches for size-based metal speciation in riversElectronic supplementary information (ESI) available: Experimental details, tables A?D showing parameters for GF and AAS, detection limits for ETAAS, SdFFF operative parameters and metal concentrations determined in the void time at the two different pH values, and SEM images of the void time fractions. See http://www.rsc.org/suppdata/em/b3/b308877f/. Journal of Environmental Monitoring, 2003, 5, 845.	2.1	25
40	Calibration in thermal field flow fractionation with polydisperse standards: Application to polyolefin characterization. Journal of Separation Science, 2002, 25, 691-702.	2.5	21
41	Dimensional and elemental characterization of suspended particulate matter in natural waters: quantitative aspects in the integrated ultrafiltration, splitt-flow thin cell and inductively coupled plasmaâ€“atomic emission spectrometry approach. Analytica Chimica Acta, 2002, 470, 253-262.	5.4	20
42	Barley Starch Granules Subject to SPLITT Cell Fractionation and Sd/StFFF Size Characterization. Starch/Staerke, 2001, 53, 414-423.	2.1	14
43	Continuous split-flow thin cell and gravitational field-flow fractionation of wheat starch particles. Journal of Chromatography A, 2000, 871, 449-460.	3.7	32
44	EVALUATION OF THE SORET COEFFICIENT FOR POLYSTYRENE IN DECALIN BY MEANS OF THERMAL FIELD-FLOW FRACTIONATION. Journal of Liquid Chromatography and Related Technologies, 2000, 23, 2067-2082.	1.0	9
45	Sizeâ€“elemental characterization of suspended particle matter by split-flow thin cell fractionation and slurry analysisâ€“electrothermal atomic absorption spectrometry. Analyst, The, 2000, 125, 1335-1339.	3.5	13
46	Continuous split flow-thin cell fractionation of starch particles. Journal of Chromatography A, 1999, 845, 303-316.	3.7	26
47	Evaluation of a Standardless Method of Determination of Molecular Weight and Polydispersity of a Polystyrene Sample by Thermal Field-Flow Fractionation. Journal of Liquid Chromatography and Related Technologies, 1997, 20, 2723-2739.	1.0	5
48	Assessment of Linearity Conditions in Thermal Field-Flow Fractionation by Peak Shape Analysis. International Journal of Polymer Analysis and Characterization, 1997, 3, 107-130.	1.9	8
49	Characterisation of River Po particles by sedimentation field-flow fractionation coupled to GFAAS and ICP-MS. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1997, 120, 47-59.	4.7	59
50	Separation of particulate environmental samples by SPLITT fractionation using different operating modes. Analytica Chimica Acta, 1997, 345, 99-110.	5.4	54
51	Analysis of kaolin by sedimentation field-flow fractionation and electrothermal atomic absorption spectrometry detection. Chromatographia, 1995, 41, 715-721.	1.3	21