

Ana Luã-sa Simplã-cio

List of Publications by Year in descending order

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34
papers

1,341
citations

361413

20
h-index

361022

35
g-index

35
all docs

35
docs citations

35
times ranked

2253
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of a solid-phase microextraction method for the determination of organophosphorus pesticides in fruits and fruit juice. <i>Journal of Chromatography A</i> , 1999, 833, 35-42.	3.7	138
2	Solubilization of fullerene C60 in micellar solutions of different solubilizers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 82, 46-53.	5.0	100
3	Prodrugs for Amines. <i>Molecules</i> , 2008, 13, 519-547.	3.8	98
4	Microencapsulation of oregano essential oil in starch-based materials using supercritical fluid technology. <i>Innovative Food Science and Emerging Technologies</i> , 2013, 20, 140-145.	5.6	90
5	Selective and mild oxidation of sulfides to sulfoxides or sulfones using H ₂ O ₂ and Cp*Mo(CO) ₃ Cl as catalysts. <i>Tetrahedron Letters</i> , 2008, 49, 4708-4712.	1.4	88
6	Preparation of controlled release microspheres using supercritical fluid technology for delivery of anti-inflammatory drugs. <i>International Journal of Pharmaceutics</i> , 2006, 308, 168-174.	5.2	83
7	Prediction of intestinal absorption and metabolism of pharmacologically active flavones and flavanones. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 4009-4018.	3.0	79
8	Supercritical fluid polymerisation and impregnation of molecularly imprinted polymers for drug delivery. <i>Journal of Supercritical Fluids</i> , 2006, 39, 102-106.	3.2	75
9	Supercritical fluid impregnation of a biocompatible polymer for ophthalmic drug delivery. <i>Journal of Supercritical Fluids</i> , 2007, 42, 373-377.	3.2	59
10	Fullerenol C ₆₀ (OH) ₂₄ prevents doxorubicin-induced acute cardiotoxicity in rats. <i>Pharmacological Reports</i> , 2010, 62, 707-718.	3.3	57
11	Preparation of glyceryl monostearate-based particles by PGSS® Application to caffeine. <i>Journal of Supercritical Fluids</i> , 2007, 43, 120-125.	3.2	55
12	Preparation of ethyl cellulose/methyl cellulose blends by supercritical antisolvent precipitation. <i>International Journal of Pharmaceutics</i> , 2006, 311, 50-54.	5.2	48
13	Production of new hybrid systems for drug delivery by PGSS (Particles from Gas Saturated Solutions) process. <i>Journal of Supercritical Fluids</i> , 2013, 81, 226-235.	3.2	39
14	Recovery of antioxidant and antiproliferative compounds from watercress using pressurized fluid extraction. <i>RSC Advances</i> , 2016, 6, 30905-30918.	3.6	36
15	Impregnation of an Intraocular Lens for Ophthalmic Drug Delivery. <i>Current Drug Delivery</i> , 2008, 5, 102-107.	1.6	34
16	Î ² -Aminoketones as prodrugs with pH-controlled activation. <i>International Journal of Pharmaceutics</i> , 2007, 336, 208-214.	5.2	31
17	Design, Synthesis, and Pharmacological Effects of a Cyclization-Activated Steroid Prodrug for Colon Targeting in Inflammatory Bowel Disease. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 3205-3211.	6.4	31
18	Improvement of Aroma and Shelf-Life of Non-alcoholic Beverages Through Cyclodextrins-Limonene Inclusion Complexes. <i>Food and Bioprocess Technology</i> , 2017, 10, 1297-1309.	4.7	22

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19	Sodium dodecyl sulfate-capillary gel electrophoresis analysis of rotavirus-like particles. <i>Journal of Chromatography A</i> , 2008, 1192, 166-172.	3.7	21
20	Electroosmotic flow modulation in capillary electrophoresis by organic cations from ionic liquids. <i>Electrophoresis</i> , 2012, 33, 1182-1190.	2.4	21
21	Solubility enhancement of trans-chalcone using lipid carriers and supercritical CO ₂ processing. <i>Journal of Supercritical Fluids</i> , 2009, 48, 120-125.	3.2	20
22	Dopamine- and tyramine-based derivatives of triazenes: Activation by tyrosinase and implications for prodrug design. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 3228-3234.	5.5	18
23	Detection and Quantification of Carboxylesterase 2 Activity by Capillary Electrophoresis. <i>Analytical Chemistry</i> , 2011, 83, 881-887.	6.5	14
24	Simultaneous determination of clopidogrel and its carboxylic acid metabolite by capillary electrophoresis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 1480-1486.	2.3	13
25	Ionisation characteristics and elimination rates of some aminoindanones determined by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2004, 1045, 233-238.	3.7	12
26	Chiral separation and identification of β^2 -aminoketones of pharmacological interest by high performance liquid chromatography and capillary electrophoresis. <i>Journal of Chromatography A</i> , 2006, 1120, 89-93.	3.7	11
27	A new amino-masking group capable of pH-triggered amino-drug release. <i>European Journal of Pharmaceutical Sciences</i> , 2005, 24, 315-323.	4.0	9
28	A Methodology for Detection and Quantification of Esterase Activity. <i>Methods in Molecular Biology</i> , 2013, 984, 309-319.	0.9	9
29	Carboxylesterase 2 production and characterization in human cells: new insights into enzyme oligomerization and activity. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 1161-1173.	3.6	8
30	Comparison of in vitro methods for carboxylesterase activity determination in immortalized cells representative of the intestine, liver and kidney. <i>Molecular and Cellular Probes</i> , 2015, 29, 215-222.	2.1	7
31	Peptidomimetic β^2 -Secretase Inhibitors Comprising a Sequence of Amyloid- β^2 Peptide for Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 5408-5418.	6.4	6
32	Electrophoretically mediated microanalysis for the evaluation of interspecies variation in cholinesterase metabolism. <i>Electrophoresis</i> , 2010, 31, 2374-2376.	2.4	5
33	Human carboxylesterase 2: Studies on the role of glycosylation for enzymatic activity. <i>Biochemistry and Biophysics Reports</i> , 2016, 5, 105-110.	1.3	2
34	An Alternative Synthetic Route to (3R,5S,1 β^2 S)-5-[1 β^2 -[(tert-Butyl β^2 oxycarbonyl)amino]-3 β^2 -methylbutyl]-3-methyldihydrofuran-2(3H)-one, a Precursor of a Leu-Ala Hydroxyethylene Isostere. <i>Synthesis</i> , 2015, 47, 3009-3012.	2.3	1