

LuÃ-sa M Ferreira

List of Publications by Year in descending order

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57
papers

1,199
citations

394421

19
h-index

395702

33
g-index

67
all docs

67
docs citations

67
times ranked

1810
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant activity of unexplored indole derivatives: Synthesis and screening. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4869-4878.	5.5	110
2	Neurotoxicity mechanisms of thioether ecstasy metabolites. <i>Neuroscience</i> , 2007, 146, 1743-1757.	2.3	92
3	Neurotoxicity of Ecstasy Metabolites in Rat Cortical Neurons, and Influence of Hyperthermia. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 316, 53-61.	2.5	71
4	Oxidation Process of Adrenaline in Freshly Isolated Rat Cardiomyocytes: Formation of Adrenochrome, Quinoproteins, and GSH Adduct. <i>Chemical Research in Toxicology</i> , 2007, 20, 1183-1191.	3.3	68
5	Brown Pigments Produced by <i>Yarrowia lipolytica</i> Result from Extracellular Accumulation of Homogentisic Acid. <i>Applied and Environmental Microbiology</i> , 2001, 67, 3463-3468.	3.1	51
6	Prooxidant effects of Ecstasy and its metabolites in mouse brain synaptosomes. <i>British Journal of Pharmacology</i> , 2012, 165, 1017-1033.	5.4	51
7	Secondary Metabolites and Biological Activity of Invasive Macroalgae of Southern Europe. <i>Marine Drugs</i> , 2018, 16, 265.	4.6	46
8	The mixture of "ecstasy" and its metabolites is toxic to human SH-SY5Y differentiated cells at in vivo relevant concentrations. <i>Archives of Toxicology</i> , 2014, 88, 455-473.	4.2	45
9	Influence of CYP2D6 polymorphism on 3,4-methylenedioxymethamphetamine ("Ecstasy") cytotoxicity. <i>Pharmacogenetics and Genomics</i> , 2006, 16, 789-799.	1.5	44
10	Molecules of Natural Origin, Semi-synthesis and Synthesis with Anti-Inflammatory and Anticancer Utilities. <i>Current Pharmaceutical Design</i> , 2012, 18, 3979-4046.	1.9	42
11	Neurotoxicity of "ecstasy" and its metabolites in human dopaminergic differentiated SH-SY5Y cells. <i>Toxicology Letters</i> , 2013, 216, 159-170.	0.8	39
12	Production of brown tyrosine pigments by the yeast <i>Yarrowia lipolytica</i> . <i>Journal of Applied Microbiology</i> , 2001, 90, 372-379.	3.1	35
13	Analysis of the antioxidant activity of an indole library: cyclic voltammetry versus ROS scavenging activity. <i>Tetrahedron Letters</i> , 2011, 52, 101-106.	1.4	33
14	A Novel Cellulose-Based Polymer for Efficient Removal of Methylene Blue. <i>Membranes</i> , 2020, 10, 13.	3.0	31
15	Synthesis and Cyclic Voltammetry Studies of 3,4-Methylenedioxymethamphetamine (MDMA) Human Metabolites. <i>Journal of Health Science</i> , 2007, 53, 31-42.	0.9	30
16	"Ecstasy"-induced toxicity in SH-SY5Y differentiated cells: role of hyperthermia and metabolites. <i>Archives of Toxicology</i> , 2014, 88, 515-531.	4.2	29
17	Mechanisms of P-gp inhibition and effects on membrane fluidity of a new rifampicin derivative, 1,8-dibenzoyl-rifampicin. <i>Toxicology Letters</i> , 2013, 220, 259-266.	0.8	26
18	The Mixture of "Ecstasy" and Its Metabolites Impairs Mitochondrial Fusion/Fission Equilibrium and Trafficking in Hippocampal Neurons, at In Vivo Relevant Concentrations. <i>Toxicological Sciences</i> , 2014, 139, 407-420.	3.1	24

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19	Development of Novel Rifampicin-Derived P-Glycoprotein Activators/Inducers. Synthesis, In Silico Analysis and Application in the RBE4 Cell Model, Using Paraquat as Substrate. PLoS ONE, 2013, 8, e74425.	2.5	23
20	Gas chromatography-ion trap mass spectrometry method for the simultaneous measurement of MDMA (ecstasy) and its metabolites, MDA, HMA, and HMMA in plasma and urine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 815-822.	2.3	19
21	The Role of Spongia sp. in the Discovery of Marine Lead Compounds. Marine Drugs, 2016, 14, 139.	4.6	19
22	Sulfur dioxide induced aggregation of wine thaumatin-like proteins: Role of disulfide bonds. Food Chemistry, 2018, 259, 166-174.	8.2	19
23	The challenging SO ₂ -mediated chemical build-up of protein aggregates in wines. Food Chemistry, 2016, 192, 460-469.	8.2	17
24	Cross-Functioning between the Extraneuronal Monoamine Transporter and Multidrug Resistance Protein 1 in the Uptake of Adrenaline and Export of 5-(Glutathion-S-yl)adrenaline in Rat Cardiomyocytes. Chemical Research in Toxicology, 2009, 22, 129-135.	3.3	16
25	Invasive Plants: Turning Enemies into Value. Molecules, 2020, 25, 3529.	3.8	16
26	New enantioselective method for hydration of alkenes using cyclodextrins as phase transfer catalyst. Tetrahedron, 2005, 61, 11986-11990.	1.9	15
27	CO ₂ removal from anaesthesia circuits using gas-ionic liquid membrane contactors. Separation and Purification Technology, 2020, 250, 116983.	7.9	14
28	Toxicity of the amphetamine metabolites 4-hydroxyamphetamine and 4-hydroxynorephedrine in human dopaminergic differentiated SH-SY5Y cells. Toxicology Letters, 2017, 269, 65-76.	0.8	13
29	2-Acyl thiazolium salts as selective agents for the O-acylation of aromatic hydroxylamines. Journal of the Chemical Society Chemical Communications, 1991, , 1127.	2.0	11
30	Metabolic interactions between ethanol and MDMA in primary cultured rat hepatocytes. Toxicology, 2010, 270, 150-157.	4.2	11
31	N-Heterocyclic Olefin Catalysis for the Ring Opening of Cyclic Amidine Compounds: A Pathway to the Synthesis of Îµ-Caprolactam- and Î³-Lactam-Derived Amines. Journal of Organic Chemistry, 2019, 84, 3793-3800.	3.2	11
32	Recovery of lupanine from Lupinus albus L. leaching waters. Separation and Purification Technology, 2010, 74, 38-43.	7.9	10
33	Synthesis and characterization of dicarboxymethyl cellulose. Cellulose, 2020, 27, 1965-1974.	4.9	10
34	Synthesis of new hetero-arylidene-9(10H)-anthrone derivatives and their biological evaluation. Bioorganic Chemistry, 2020, 99, 103849.	4.1	9
35	A new insight on the hypochlorous acid scavenging mechanism of tryptamine and tryptophan derivatives. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 6475-6478.	2.2	8
36	Tofacitinib Synthesis - An Asymmetric Challenge. European Journal of Organic Chemistry, 2019, 2019, 615-624.	2.4	8

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37	DCMC as a Promising Alternative to Bentonite in White Wine Stabilization. Impact on Protein Stability and Wine Aromatic Fraction. <i>Molecules</i> , 2021, 26, 6188.	3.8	8
38	Reduction of nitrosobenzene by 2-(1-hydroxyethyl)-3,4-dimethylthiazolium Salts. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 133-134.	2.0	7
39	Reactions of 2-acylthiazolium salts with N-arylhydroxylamines. <i>Tetrahedron</i> , 1999, 55, 3541-3552.	1.9	7
40	Synthesis of catecholamine conjugates with nitrogen-centered bionucleophiles. <i>Bioorganic Chemistry</i> , 2012, 44, 19-24.	4.1	7
41	Reaction of aromatic nitroso compounds with chemical models of "thiamine active aldehyde". <i>Tetrahedron</i> , 2008, 64, 7759-7770.	1.9	6
42	Developments in the Reactivity of 2-Methylimidazolium Salts. <i>Journal of Organic Chemistry</i> , 2017, 82, 6232-6241.	3.2	6
43	Is caffeic acid, as the major metabolite present in Moscatel wine protein haze hydrolysate, involved in protein haze formation?. <i>Food Research International</i> , 2017, 98, 103-109.	6.2	6
44	Synthesis, Cytotoxicity Evaluation in Human Cell Lines and in Vitro DNA Interaction of a Heteroarylidene(10 <i>H</i>)anthrone. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 545-549.	2.4	6
45	Effects of Acute Bleeding Followed by Hydroxyethyl Starch 130/0.4 or a Crystalloid on Propofol Concentrations, Cerebral Oxygenation, and Electroencephalographic and Haemodynamic Variables in Pigs. <i>Veterinary Medicine International</i> , 2014, 2014, 1-12.	1.5	5
46	Hyperthermia Severely Affects the Vascular Effects of MDMA and Metabolites in the Human Internal Mammary Artery In Vitro. <i>Cardiovascular Toxicology</i> , 2017, 17, 405-416.	2.7	5
47	Expression of CYP1A1 and CYP1A2 in the liver and kidney of rabbits after prolonged infusion of propofol. <i>Experimental and Toxicologic Pathology</i> , 2016, 68, 521-531.	2.1	4
48	A Different Approach to the EGFR Inhibitor Gefitinib Involving Solid-Phase Synthesis. <i>Synlett</i> , 2018, 29, 1346-1350.	1.8	4
49	The Effect of Dicarboxymethyl Cellulose on the Prevention of Protein Haze Formation on White Wine Beverages, 2021, 7, 57.	2.8	3
50	Propofol and metabolites monitoring in serum of patients with induced sedation. <i>Toxicology Letters</i> , 2009, 189, S113-S114.	0.8	2
51	Synthetic Approaches to a Challenging and Unusual Structure" An Amino-Pyrrolidine Guanine Core. <i>Molecules</i> , 2020, 25, 797.	3.8	2
52	Discolouration of Architectural Photoreproductions. Causes and Prevention. <i>Restaurator</i> , 2006, 27, 1-8.	0.2	1
53	Neuronal Mitochondrial Trafficking Impairment: The Cause or a Consequence of Neuronal Dysfunction Caused by Amphetamine-Like Drugs. <i>Journal of Drug and Alcohol Research</i> , 2014, 3, 1-7.	0.9	1
54	Team-Based Learning in Chemistry Courses with Laboratory Sessions. , 0, , .		1

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55	Neurotoxicity of ecstasy metabolites in rat cortical neurons, and influence of hyperthermia. Toxicology Letters, 2006, 164, S118.	0.8	0
56	Validation of a HPLC-ECD method for the quantification of the highly reactive metabolite of ecstasy, N-methyl-1±-methyldopamine, in human serum. Toxicology Letters, 2006, 164, S309.	0.8	0
57	CHEMISTRY " AN EXPERIMENTAL SCIENCE. , 2017, , .		0