Lusa M Ferreira

List of Publications by Citations

52 papers	937 citations	18 h-index	29 g-index
67 ext. papers	1,070 ext. citations	4.4 avg, IF	3.86 L-index

#	Paper	IF	Citations
52	Neurotoxicity mechanisms of thioether ecstasy metabolites. *Neuroscience*, **2007**, 146, 1743-57	3.9	84
51	Antioxidant activity of unexplored indole derivatives: synthesis and screening. *European Journal of Medicinal Chemistry*, **2010**, 45, 4869-78	6.8	74
50	Neurotoxicity of Ecstasy metabolites in rat cortical neurons, and influence of hyperthermia. *Journal of Pharmacology and Experimental Therapeutics*, **2006**, 316, 53-61	4.7	64
49	Oxidation process of adrenaline in freshly isolated rat cardiomyocytes: formation of adrenochrome, quinoproteins, and GSH adduct. *Chemical Research in Toxicology*, **2007**, 20, 1183-91	4	52
48	Brown pigments produced by Yarrowia lipolytica result from extracellular accumulation of homogentisic acid. *Applied and Environmental Microbiology*, **2001**, 67, 3463-8	4.8	46
47	Pro-oxidant effects of Ecstasy and its metabolites in mouse brain synaptosomes. *British Journal of Pharmacology*, **2012**, 165, 1017-33	8.6	45
46	The mixture of "ecstasy" and its metabolites is toxic to human SH-SY5Y differentiated cells at in vivo relevant concentrations. *Archives of Toxicology*, **2014**, 88, 455-73	5.8	39
45	Influence of CYP2D6 polymorphism on 3,4-methylenedioxymethamphetamine ('Ecstasy') cytotoxicity. *Pharmacogenetics and Genomics*, **2006**, 16, 789-99	1.9	36
44	Production of brown tyrosine pigments by the yeast Yarrowia lipolytica. *Journal of Applied Microbiology*, **2001**, 90, 372-9	4.7	32
43	Neurotoxicity of "ecstasy" and its metabolites in human dopaminergic differentiated SH-SY5Y cells. *Toxicology Letters*, **2013**, 216, 159-70	4.4	31
42	Molecules of natural origin, semi-synthesis and synthesis with anti-inflammatory and anticancer utilities. *Current Pharmaceutical Design*, **2012**, 18, 3979-4046	3.3	31
41	Secondary Metabolites and Biological Activity of Invasive Macroalgae of Southern Europe. *Marine Drugs*, **2018**, 16,	6	30
40	Analysis of the antioxidant activity of an indole library: cyclic voltammetry versus ROS scavenging activity. *Tetrahedron Letters*, **2011**, 52, 101-106	2	26
39	Synthesis and Cyclic Voltammetry Studies of 3,4-Methylenedioxymethamphetamine (MDMA) Human Metabolites. *Journal of Health Science*, **2007**, 53, 31-42		25
38	"Ecstasy"-induced toxicity in SH-SY5Y differentiated cells: role of hyperthermia and metabolites. *Archives of Toxicology*, **2014**, 88, 515-31	5.8	23
37	Mechanisms of P-gp inhibition and effects on membrane fluidity of a new rifampicin derivative, 1,8-dibenzoyl-rifampicin. *Toxicology Letters*, **2013**, 220, 259-66	4.4	23
36	The mixture of "ecstasy" and its metabolites impairs mitochondrial fusion/fission equilibrium and trafficking in hippocampal neurons, at in vivo relevant concentrations. *Toxicological Sciences*, **2014**, 139, 407-20	4.4	22

35	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	3.7	18
34	Sulfur dioxide induced aggregation of wine thaumatin-like proteins: Role of disulfide bonds. *Food Chemistry*, **2018**, 259, 166-174	8.5	16
33	The challenging SO2-mediated chemical build-up of protein aggregates in wines. *Food Chemistry*, **2016**, 192, 460-9	8.5	15
32	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, 815-22	3.2	15
31	A Novel Cellulose-Based Polymer for Efficient Removal of Methylene Blue. *Membranes*, **2020**, 10,	3.8	14
30	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	4	14
29	New enantioselective method for hydration of alkenes using cyclodextrins as phase transfer catalyst. *Tetrahedron*, **2005**, 61, 11986-11990	2.4	12
28	Metabolic interactions between ethanol and MDMA in primary cultured rat hepatocytes. *Toxicology* , **2010**, 270, 150-7	4.4	11
27	The Role of Spongia sp. in the Discovery of Marine Lead Compounds. *Marine Drugs*, **2016**, 14,	6	11
26	Toxicity of the amphetamine metabolites 4-hydroxyamphetamine and 4-hydroxynorephedrine in human dopaminergic differentiated SH-SY5Y cells. *Toxicology Letters*, **2017**, 269, 65-76	4.4	10
25	A new insight on the hypochlorous acid scavenging mechanism of tryptamine and tryptophan derivatives. *Bioorganic and Medicinal Chemistry Letters*, **2010**, 20, 6475-8	2.9	8
24	2-Acyl thiazolium salts as selective agents for the O-acylation of aromatic hydroxylamines. *Journal of the Chemical Society Chemical Communications*, **1991**, 1127		8
23	Synthesis and characterization of dicarboxymethyl cellulose. *Cellulose*, **2020**, 27, 1965-1974	5.5	8
22	Synthesis of catecholamine conjugates with nitrogen-centered bionucleophiles. *Bioorganic Chemistry*, **2012**, 44, 19-24	5.1	7
21	Developments in the Reactivity of 2-Methylimidazolium Salts. *Journal of Organic Chemistry*, **2017**, 82, 6232-6241	4.2	6
20	CO2 removal from anaesthesia circuits using gas-ionic liquid membrane contactors. *Separation and Purification Technology*, **2020**, 250, 116983	8.3	6
19	Reaction of aromatic nitroso compounds with chemical models of thiamine active aldehyde *Tetrahedron*, **2008**, 64, 7759-7770	2.4	6
18	Reactions of 2-acylthiazolium salts with N-arylhydroxylamines. *Tetrahedron*, **1999**, 55, 3541-3552	2.4	6

17	N-Heterocyclic Olefin Catalysis for the Ring Opening of Cyclic Amidine Compounds: A Pathway to the Synthesis of ε-Caprolactam- and δ-Lactam-Derived Amines. *Journal of Organic Chemistry*, **2019**, 84, 3793-3800	4.2	6
16	Tofacitinib Synthesis—An Asymmetric Challenge. *European Journal of Organic Chemistry*, **2019**, 2019, 615-624	3.2	6
15	Hyperthermia Severely Affects the Vascular Effects of MDMA and Metabolites in the Human Internal Mammary Artery In Vitro. *Cardiovascular Toxicology*, **2017**, 17, 405-416	3.4	5
14	Synthesis of new hetero-arylidene-9(10H)-anthrone derivatives and their biological evaluation. *Bioorganic Chemistry*, **2020**, 99, 103849	5.1	5
13	Synthesis, Cytotoxicity Evaluation in Human Cell Lines and in Vitro DNA Interaction of a Hetero-Arylidene-9(10H)-Anthrone. *European Journal of Organic Chemistry*, **2018**, 2018, 545-549	3.2	5
12	Is caffeic acid, as the major metabolite present in Moscatel wine protein haze hydrolysate, involved in protein haze formation?. *Food Research International*, **2017**, 98, 103-109	7	5
11	Invasive Plants: Turning Enemies into Value. *Molecules*, **2020**, 25,	4.8	5
10	Recovery of lupanine from Lupinus albus L. leaching waters. *Separation and Purification Technology*, **2010**, 74, 38-43	8.3	4
9	Reduction of nitrosobenzene by 2-(β-hydroxyethyl)-3,4-dimethylthiazolium Salts. *Journal of the Chemical Society Chemical Communications*, **1993**, 133-134		4
8	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. *Veterinary Medicine International*, **2014**, 2014, 710394	1.5	3
7	Expression of CYP1A1 and CYP1A2 in the liver and kidney of rabbits after prolonged infusion of propofol. *Experimental and Toxicologic Pathology*, **2016**, 68, 521-531		3
6	A Different Approach to the EGFR Inhibitor Gefitinib Involving Solid-Phase Synthesis. *Synlett*, **2018**, 29, 1346-1350	2.2	2
5	Propofol and metabolites monitoring in serum of patients with induced sedation. *Toxicology Letters* , **2009**, 189, S113-S114	4.4	2
4	DCMC as a Promising Alternative to Bentonite in White Wine Stabilization. Impact on Protein Stability and Wine Aromatic Fraction. *Molecules*, **2021**, 26,	4.8	2
3	The Effect of Dicarboxymethyl Cellulose on the Prevention of Protein Haze Formation on White Wine. *Beverages*, **2021**, 7, 57	3.4	2
2	Discolouration of Architectural Photoreproductions. Causes and Prevention. *Restaurator*, **2006**, 27, 1-8	0	1
1	Neuronal Mitochondrial Trafficking Impairment: The Cause or a Consequence of Neuronal Dysfunction Caused by Amphetamine-Like Drugs. *Journal of Drug and Alcohol Research*, **2014**, 3, 1-7	1	1