

Lusa M Ferreira

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	DCMC as a Promising Alternative to Bentonite in White Wine Stabilization. Impact on Protein Stability and Wine Aromatic Fraction. <i>Molecules</i> , 2021 , 26,	4.8	2
51	The Effect of Dicarboxymethyl Cellulose on the Prevention of Protein Haze Formation on White Wine. <i>Beverages</i> , 2021 , 7, 57	3.4	2
50	CO2 removal from anaesthesia circuits using gas-ionic liquid membrane contactors. <i>Separation and Purification Technology</i> , 2020 , 250, 116983	8.3	6
49	A Novel Cellulose-Based Polymer for Efficient Removal of Methylene Blue. <i>Membranes</i> , 2020 , 10,	3.8	14
48	Synthesis of new hetero-arylidene-9(10H)-anthrone derivatives and their biological evaluation. <i>Bioorganic Chemistry</i> , 2020 , 99, 103849	5.1	5
47	Synthesis and characterization of dicarboxymethyl cellulose. <i>Cellulose</i> , 2020 , 27, 1965-1974	5.5	8
46	Invasive Plants: Turning Enemies into Value. <i>Molecules</i> , 2020 , 25,	4.8	5
45	N-Heterocyclic Olefin Catalysis for the Ring Opening of Cyclic Amidine Compounds: A Pathway to the Synthesis of ϵ -Caprolactam- and γ -Lactam-Derived Amines. <i>Journal of Organic Chemistry</i> , 2019 , 84, 3793-3800	4.2	6
44	Tofacitinib Synthesis [An Asymmetric Challenge. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 615-624	3.2	6
43	Synthesis, Cytotoxicity Evaluation in Human Cell Lines and in Vitro DNA Interaction of a Hetero-Arylidene-9(10H)-Anthrone. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 545-549	3.2	5
42	Sulfur dioxide induced aggregation of wine thaumatin-like proteins: Role of disulfide bonds. <i>Food Chemistry</i> , 2018 , 259, 166-174	8.5	16
41	Secondary Metabolites and Biological Activity of Invasive Macroalgae of Southern Europe. <i>Marine Drugs</i> , 2018 , 16,	6	30
40	A Different Approach to the EGFR Inhibitor Gefitinib Involving Solid-Phase Synthesis. <i>Synlett</i> , 2018 , 29, 1346-1350	2.2	2
39	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	3.4	5
38	Toxicity of the amphetamine metabolites 4-hydroxyamphetamine and 4-hydroxynorephedrine in human dopaminergic differentiated SH-SY5Y cells. <i>Toxicology Letters</i> , 2017 , 269, 65-76	4.4	10
37	Developments in the Reactivity of 2-Methylimidazolium Salts. <i>Journal of Organic Chemistry</i> , 2017 , 82, 6232-6241	4.2	6
36	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	7	5

35	The challenging SO ₂ -mediated chemical build-up of protein aggregates in wines. <i>Food Chemistry</i> , 2016 , 192, 460-9	8.5	15
34	The Role of Spongia sp. in the Discovery of Marine Lead Compounds. <i>Marine Drugs</i> , 2016 , 14,	6	11
33	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		3
32	"Ecstasy"-induced toxicity in SH-SY5Y differentiated cells: role of hyperthermia and metabolites. <i>Archives of Toxicology</i> , 2014 , 88, 515-31	5.8	23
31	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, 455-73	5.8	39
30	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, 407-20	4.4	22
29	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, 710394	1.5	3
28	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	1	1
27	Neurotoxicity of "ecstasy" and its metabolites in human dopaminergic differentiated SH-SY5Y cells. <i>Toxicology Letters</i> , 2013 , 216, 159-70	4.4	31
26	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, 259-66	4.4	23
25	Development of novel rifampicin-derived P-glycoprotein activators/inducers. synthesis, in silico analysis and application in the RBE4 cell model, using paraquat as substrate. <i>PLoS ONE</i> , 2013 , 8, e74425	3.7	18
24	Synthesis of catecholamine conjugates with nitrogen-centered bionucleophiles. <i>Bioorganic Chemistry</i> , 2012 , 44, 19-24	5.1	7
23	Pro-oxidant effects of Ecstasy and its metabolites in mouse brain synaptosomes. <i>British Journal of Pharmacology</i> , 2012 , 165, 1017-33	8.6	45
22	Molecules of natural origin, semi-synthesis and synthesis with anti-inflammatory and anticancer utilities. <i>Current Pharmaceutical Design</i> , 2012 , 18, 3979-4046	3.3	31
21	Analysis of the antioxidant activity of an indole library: cyclic voltammetry versus ROS scavenging activity. <i>Tetrahedron Letters</i> , 2011 , 52, 101-106	2	26
20	Metabolic interactions between ethanol and MDMA in primary cultured rat hepatocytes. <i>Toxicology</i> , 2010 , 270, 150-7	4.4	11
19	Recovery of lupanine from <i>Lupinus albus</i> L. leaching waters. <i>Separation and Purification Technology</i> , 2010 , 74, 38-43	8.3	4
18	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010 , 878, 815-22	3.2	15

17	A new insight on the hypochlorous acid scavenging mechanism of tryptamine and tryptophan derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 6475-8	2.9	8
16	Antioxidant activity of unexplored indole derivatives: synthesis and screening. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 4869-78	6.8	74
15	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. <i>Chemical Research in Toxicology</i> , 2009 , 22, 129-135	4	14
14	Propofol and metabolites monitoring in serum of patients with induced sedation. <i>Toxicology Letters</i> , 2009 , 189, S113-S114	4.4	2
13	Reaction of aromatic nitroso compounds with chemical models of thiamine active aldehyde. <i>Tetrahedron</i> , 2008 , 64, 7759-7770	2.4	6
12	Synthesis and Cyclic Voltammetry Studies of 3,4-Methylenedioxymethamphetamine (MDMA) Human Metabolites. <i>Journal of Health Science</i> , 2007 , 53, 31-42		25
11	Neurotoxicity mechanisms of thioether ecstasy metabolites. <i>Neuroscience</i> , 2007 , 146, 1743-57	3.9	84
10	Oxidation process of adrenaline in freshly isolated rat cardiomyocytes: formation of adrenochrome, quinoproteins, and GSH adduct. <i>Chemical Research in Toxicology</i> , 2007 , 20, 1183-91	4	52
9	Discolouration of Architectural Photoreproductions. Causes and Prevention. <i>Restaurator</i> , 2006 , 27, 1-8	0	1
8	Neurotoxicity of Ecstasy metabolites in rat cortical neurons, and influence of hyperthermia. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 316, 53-61	4.7	64
7	Influence of CYP2D6 polymorphism on 3,4-methylenedioxymethamphetamine ('Ecstasy') cytotoxicity. <i>Pharmacogenetics and Genomics</i> , 2006 , 16, 789-99	1.9	36
6	New enantioselective method for hydration of alkenes using cyclodextrins as phase transfer catalyst. <i>Tetrahedron</i> , 2005 , 61, 11986-11990	2.4	12
5	Production of brown tyrosine pigments by the yeast <i>Yarrowia lipolytica</i> . <i>Journal of Applied Microbiology</i> , 2001 , 90, 372-9	4.7	32
4	Brown pigments produced by <i>Yarrowia lipolytica</i> result from extracellular accumulation of homogentisic acid. <i>Applied and Environmental Microbiology</i> , 2001 , 67, 3463-8	4.8	46
3	Reactions of 2-acylthiazolium salts with N-arylhydroxylamines. <i>Tetrahedron</i> , 1999 , 55, 3541-3552	2.4	6
2	Reduction of nitrosobenzene by 2-(hydroxyethyl)-3,4-dimethylthiazolium Salts. <i>Journal of the Chemical Society Chemical Communications</i> , 1993 , 133-134		4
1	2-Acyl thiazolium salts as selective agents for the O-acylation of aromatic hydroxylamines. <i>Journal of the Chemical Society Chemical Communications</i> , 1991 , 1127		8