

Susana Dias Lucas

List of Publications by Citations

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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.

31
papers

542
citations

15
h-index

22
g-index

40
ext. papers

641
ext. citations

4.2
avg, IF

3.41
L-index

#	Paper	IF	Citations
31	Targeting COPD: advances on low-molecular-weight inhibitors of human neutrophil elastase. <i>Medicinal Research Reviews</i> , 2013 , 33 Suppl 1, E73-101	14.4	65
30	Amino derivatives of glycyrrhetic acid as potential inhibitors of cholinesterases. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 3370-8	3.4	38
29	Zeolites as efficient catalysts for key transformations in carbohydrate chemistry. <i>Journal of Molecular Catalysis A</i> , 2009 , 305, 84-89		37
28	Cytotoxic bile acids, but not cytoprotective species, inhibit the ordering effect of cholesterol in model membranes at physiologically active concentrations. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013 , 1828, 2152-63	3.8	32
27	Synthesis, surface active and antimicrobial properties of new alkyl 2,6-dideoxy-L-arabino-hexopyranosides. <i>Carbohydrate Research</i> , 2005 , 340, 191-201	2.9	27
26	Dipeptidyl Vinyl Sulfone as a Novel Chemical Tool to Inhibit HMGB1/NLRP3-Inflammasome and InflammamiRs in A β Mediated Microglial Inflammation. <i>ACS Chemical Neuroscience</i> , 2017 , 8, 89-99	5.7	26
25	Discovery of new heterocycles with activity against human neutrophil elastase based on a boron promoted one-pot assembly reaction. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 4465-72	3.9	26
24	Ursolic and oleanolic acid derivatives with cholinesterase inhibiting potential. <i>Bioorganic Chemistry</i> , 2019 , 85, 23-32	5.1	26
23	Deoxycholic acid modulates cell death signaling through changes in mitochondrial membrane properties. <i>Journal of Lipid Research</i> , 2015 , 56, 2158-71	6.3	23
22	Optimization of O3-acyl kojic acid derivatives as potent and selective human neutrophil elastase inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 9802-6	8.3	20
21	Acid zeolites as efficient catalysts for O- and S-glycosylation. <i>Journal of Molecular Catalysis A</i> , 2007 , 275, 206-213		20
20	Synthesis and Evaluation of the Biological Profile of Novel Analogues of Nucleosides and of Potential Mimetics of Sugar Phosphates and Nucleotides. <i>Synlett</i> , 2015 , 26, 2663-2672	2.2	17
19	Synthesis of 3-Fluoro-Oxetane β Amino Acids. <i>Journal of Carbohydrate Chemistry</i> , 2009 , 28, 431-446	1.7	17
18	The bile acid-sensitive ion channel (BASIC) is activated by alterations of its membrane environment. <i>PLoS ONE</i> , 2014 , 9, e111549	3.7	16
17	Alkyl deoxy-arabino-hexopyranosides: synthesis, surface properties, and biological activities. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 4083-92	3.4	16
16	Sulfamates of methyl triterpenoates are effective and competitive inhibitors of carbonic anhydrase II. <i>European Journal of Medicinal Chemistry</i> , 2014 , 86, 95-102	6.8	13
15	Converting maslinic acid into an effective inhibitor of acylcholinesterases. <i>European Journal of Medicinal Chemistry</i> , 2015 , 103, 438-45	6.8	12

14	Zeolites and other silicon-based promoters in carbohydrate chemistry. <i>Advances in Carbohydrate Chemistry and Biochemistry</i> , 2010 , 63, 29-99	3.7	12
13	N-Acyl and N-sulfonyloxazolidine-2,4-diones are pseudo-irreversible inhibitors of serine proteases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 3993-7	2.9	11
12	Structure based virtual screening for discovery of novel human neutrophil elastase inhibitors. <i>MedChemComm</i> , 2012 , 3, 1299	5	11
11	Oxetane β -Amino Acids: Chemoenzymatic Synthesis of 2,4-Anhydro-5-N-(t-butoxycarbonyl)amino-D-lyxonic Acid. <i>Journal of Carbohydrate Chemistry</i> , 2006 , 25, 187-196	1.7	11
10	Clickable 4-Oxo- β -lactam-Based Selective Probing for Human Neutrophil Elastase Related Proteomes. <i>ChemMedChem</i> , 2016 , 11, 2037-42	3.7	11
9	Wittig Reaction: Domino Olefination and Stereoselectivity DFT Study. Synthesis of the Miharamycins β -Bicyclic Sugar Moiety. <i>Organic Letters</i> , 2015 , 17, 5622-5	6.2	10
8	Synthesis of 3-Methoxyoxetane β -Amino Acids with D-lyxo, D-ribo, and D-arabino Configurations. <i>Journal of Carbohydrate Chemistry</i> , 2008 , 27, 172-187	1.7	10
7	3-Oxo- β -lactam as a Sulfonylating Chemotype for Inhibition of Serine Hydrolases and Activity-Based Protein Profiling. <i>ACS Chemical Biology</i> , 2020 , 15, 878-883	4.9	8
6	Libraries on Oxetane β -Amino Acid Scaffolds: Syntheses and Evaluation of Physicochemical and Metabolic Properties. <i>Journal of Carbohydrate Chemistry</i> , 2011 , 30, 498-548	1.7	8
5	Activity-based probes as molecular tools for biomarker discovery. <i>MedChemComm</i> , 2015 , 6, 536-546	5	7
4	Acetylcholinesterase Choline-Based Ionic Liquid Inhibitors: In Vitro and in Silico Molecular Docking Studies. <i>ACS Omega</i> , 2018 , 3, 17145-17154	3.9	6
3	A unified approach toward the rational design of selective low nanomolar human neutrophil elastase inhibitors. <i>RSC Advances</i> , 2015 , 5, 51717-51721	3.7	2
2	Discovery of C-shaped aurone human neutrophil elastase inhibitors. <i>MedChemComm</i> , 2015 , 6, 1508-1512	5	2
1	Oligosaccharide Mimetics 2008 , 2079-2112		1