

Tiago Silva

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.

39
papers

1,299
citations

19
h-index

35
g-index

40
ext. papers

1,516
ext. citations

5.9
avg. IF

4.36
L-index

#	Paper	IF	Citations
39	Plant derived and dietary phenolic antioxidants: anticancer properties. <i>Food Chemistry</i> , 2015 , 183, 235-58.5	58.5	267
38	Chromone, a privileged scaffold for the development of monoamine oxidase inhibitors. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 5165-73	8.3	124
37	Lipophilic caffeic and ferulic acid derivatives presenting cytotoxicity against human breast cancer cells. <i>Chemical Research in Toxicology</i> , 2011 , 24, 763-74	4	99
36	Alzheimer's disease, enzyme targets and drug discovery struggles: from natural products to drug prototypes. <i>Ageing Research Reviews</i> , 2014 , 15, 116-45	12	98
35	Discovery of New Chemical Entities for Old Targets: Insights on the Lead Optimization of Chromone-Based Monoamine Oxidase B (MAO-B) Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 5879-93	8.3	65
34	Caffeic acid derivatives, analogs and applications: a patent review (2009-2013). <i>Expert Opinion on Therapeutic Patents</i> , 2014 , 24, 1257-70	6.8	59
33	Alzheimer's disease, cholesterol, and statins: the junctions of important metabolic pathways. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 1110-21	16.4	46
32	Exploring nature profits: development of novel and potent lipophilic antioxidants based on galloyl-cinnamic hybrids. <i>European Journal of Medicinal Chemistry</i> , 2013 , 62, 289-96	6.8	46
31	Antioxidant therapy: still in search of the magic bullet. <i>Mitochondrion</i> , 2013 , 13, 427-35	4.9	43
30	Discovery of two new classes of potent monoamine oxidase-B inhibitors by tricky chemistry. <i>Chemical Communications</i> , 2015 , 51, 2832-5	5.8	37
29	NO and HNO donors, nitrones, and nitroxides: Past, present, and future. <i>Medicinal Research Reviews</i> , 2018 , 38, 1159-1187	14.4	37
28	Coumarin versus Chromone Monoamine Oxidase B Inhibitors: Quo Vadis?. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 7206-7212	8.3	35
27	Alzheimer's disease and antioxidant therapy: how long how far?. <i>Current Medicinal Chemistry</i> , 2013 , 20, 2939-52	4.3	35
26	Lessons from black pepper: piperine and derivatives thereof. <i>Expert Opinion on Therapeutic Patents</i> , 2016 , 26, 245-64	6.8	27
25	Exploring cinnamic acid scaffold: development of promising neuroprotective lipophilic antioxidants. <i>MedChemComm</i> , 2015 , 6, 1043-1053	5	24
24	Microencapsulation of caffeic acid phenethyl ester and caffeic acid phenethyl amide by inclusion in hydroxypropyl- β -cyclodextrin. <i>Food Chemistry</i> , 2018 , 254, 260-265	8.5	22
23	Hydroxybenzoic Acid Derivatives as Dual-Target Ligands: Mitochondriotropic Antioxidants and Cholinesterase Inhibitors. <i>Frontiers in Chemistry</i> , 2018 , 6, 126	5	21

22	Development of Blood-Brain Barrier Permeable Nitrocatechol-Based Catechol O-Methyltransferase Inhibitors with Reduced Potential for Hepatotoxicity. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 7584-97	8.3	21
21	Derivatives of caffeic acid, a natural antioxidant, as the basis for the discovery of novel nonpeptidic neurotrophic agents. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 3235-3246	3.4	20
20	Benzoic acid-derived nitrones: A new class of potential acetylcholinesterase inhibitors and neuroprotective agents. <i>European Journal of Medicinal Chemistry</i> , 2019 , 174, 116-129	6.8	19
19	Long Chain Alkyl Esters of Hydroxycinnamic Acids as Promising Anticancer Agents: Selective Induction of Apoptosis in Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 7228-7239	5.7	18
18	Biology-oriented development of novel lipophilic antioxidants with neuroprotective activity. <i>RSC Advances</i> , 2015 , 5, 15800-15811	3.7	16
17	Design of novel monoamine oxidase-B inhibitors based on piperine scaffold: Structure-activity-toxicity, drug-likeness and efflux transport studies. <i>European Journal of Medicinal Chemistry</i> , 2020 , 185, 111770	6.8	16
16	Repurposing nitrocatechols: 5-Nitro-Ecyanocarboxamide derivatives of caffeic acid and caffeic acid phenethyl ester effectively inhibit aggregation of tau-derived hexapeptide AcPHF6. <i>European Journal of Medicinal Chemistry</i> , 2019 , 167, 146-152	6.8	15
15	New insights into the antioxidant activity of hydroxycinnamic and hydroxybenzoic systems: spectroscopic, electrochemistry, and cellular studies. <i>Free Radical Research</i> , 2014 , 48, 1473-84	4	15
14	Caffeic Acid Alkyl Amide Derivatives Ameliorate Oxidative Stress and Modulate ERK1/2 and AKT Signaling Pathways in a Rat Model of Diabetic Retinopathy. <i>Chemistry and Biodiversity</i> , 2019 , 16, e1900405	2.5	10
13	Discovery of neurotrophic agents based on hydroxycinnamic acid scaffold. <i>Chemical Biology and Drug Design</i> , 2016 , 88, 926-937	2.9	10
12	Effects of chlorophenoxy herbicides and their main transformation products on DNA damage and acetylcholinesterase activity. <i>BioMed Research International</i> , 2014 , 2014, 709036	3	8
11	Insights into the Discovery of Novel Neuroprotective Agents: A Comparative Study between Sulfanyl-cinnamic Acid Derivatives and Related Phenolic Analogues. <i>Molecules</i> , 2019 , 24,	4.8	8
10	Pharmacodynamic evaluation of novel Catechol-O-methyltransferase inhibitors. <i>European Journal of Pharmacology</i> , 2019 , 847, 53-60	5.3	7
9	Bioisosteric OH- to SH-replacement changes the antioxidant profile of ferulic acid. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 9646-9654	3.9	6
8	Liver says no: the ongoing search for safe catechol O-methyltransferase inhibitors to replace tolcapone. <i>Drug Discovery Today</i> , 2020 , 25, 1846-1854	8.8	5
7	Hydroxycinnamic acid as a novel scaffold for the development of cyclooxygenase-2 inhibitors. <i>RSC Advances</i> , 2015 , 5, 58902-58911	3.7	4
6	Design, Synthesis and Biological Evaluation of New Antioxidant and Neuroprotective Multitarget Directed Ligands Able to Block Calcium Channels. <i>Molecules</i> , 2020 , 25,	4.8	4
5	Modulation of ERK1/2 and Akt Pathways Involved in the Neurotrophic Action of Caffeic Acid Alkyl Esters. <i>Molecules</i> , 2018 , 23,	4.8	4

4	Novel propargylamine-based inhibitors of cholinesterases and monoamine oxidases: Synthesis, biological evaluation and docking study. <i>Bioorganic Chemistry</i> , 2021 , 116, 105301	5.1	3
3	Alzheimersche Demenz, Cholesterin und Statine: Berührungspunkte wichtiger Stoffwechselwege. <i>Angewandte Chemie</i> , 2013 , 125, 1146-1158	3.6	2
2	Receptores A3 da adenosina: uma nova abordagem terapêutica no câncer. <i>Química Nova</i> , 2011 , 34, 1417-1424	4.2	2
1	Mitochondrial Impairment by MitoBloCK-6 Inhibits Liver Cancer Cell Proliferation. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 725474	5.7	1