

# Tiago Silva

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,703  
citations

304743

22  
h-index

302126

39  
g-index

40  
all docs

40  
docs citations

40  
times ranked

3084  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial Impairment by MitoBloCK-6 Inhibits Liver Cancer Cell Proliferation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 725474.	3.7	4
2	Novel propargylamine-based inhibitors of cholinesterases and monoamine oxidases: Synthesis, biological evaluation and docking study. <i>Bioorganic Chemistry</i> , 2021, 116, 105301.	4.1	11
3	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.	5.5	30
4	Liver says no: the ongoing search for safe catechol O-methyltransferase inhibitors to replace tolcapone. <i>Drug Discovery Today</i> , 2020, 25, 1846-1854.	6.4	16
5	Design, Synthesis and Biological Evaluation of New Antioxidant and Neuroprotective Multitarget Directed Ligands Able to Block Calcium Channels. <i>Molecules</i> , 2020, 25, 1329.	3.8	11
6	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.	2.1	13
7	Pharmacodynamic evaluation of novel Catechol-O-methyltransferase inhibitors. <i>European Journal of Pharmacology</i> , 2019, 847, 53-60.	3.5	9
8	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.	5.5	35
9	Repurposing nitrocatechols: 5-Nitro- $\beta$ -cyanocarboxamide 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.	5.5	20
10	Insights into the Discovery of Novel Neuroprotective Agents: A Comparative Study between Sulfanylcinnamic Acid Derivatives and Related Phenolic Analogues. <i>Molecules</i> , 2019, 24, 4405.	3.8	11
11	Bioisosteric OH- to SH-replacement changes the antioxidant profile of ferulic acid. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 9646-9654.	2.8	6
12	Microencapsulation of caffeic acid phenethyl ester and caffeic acid phenethyl amide by inclusion in hydroxypropyl- $\beta$ -cyclodextrin. <i>Food Chemistry</i> , 2018, 254, 260-265.	8.2	35
13	NO and HNO donors, nitrones, and nitroxides: Past, present, and future. <i>Medicinal Research Reviews</i> , 2018, 38, 1159-1187.	10.5	47
14	Modulation of ERK1/2 and Akt Pathways Involved in the Neurotrophic Action of Caffeic Acid Alkyl Esters. <i>Molecules</i> , 2018, 23, 3340.	3.8	5
15	Hydroxybenzoic Acid Derivatives as Dual-Target Ligands: Mitochondriotropic Antioxidants and Cholinesterase Inhibitors. <i>Frontiers in Chemistry</i> , 2018, 6, 126.	3.6	32
16	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.	3.0	26
17	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.	5.2	25
18	Coumarin versus Chromone Monoamine Oxidase B Inhibitors: Quo Vadis?. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 7206-7212.	6.4	47

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19	Discovery of neurotrophic agents based on hydroxycinnamic acid scaffold. <i>Chemical Biology and Drug Design</i> , 2016, 88, 926-937.	3.2	10
20	Development of Blood-Brain Barrier Permeable Nitrocatechol-Based Catechol <i>O</i> -Methyltransferase Inhibitors with Reduced Potential for Hepatotoxicity. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 7584-7597.	6.4	32
21	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, 5879-5893.	6.4	87
22	Lessons from black pepper: piperine and derivatives thereof. <i>Expert Opinion on Therapeutic Patents</i> , 2016, 26, 245-264.	5.0	31
23	Hydroxycinnamic acid as a novel scaffold for the development of cyclooxygenase-2 inhibitors. <i>RSC Advances</i> , 2015, 5, 58902-58911.	3.6	7
24	Plant derived and dietary phenolic antioxidants: Anticancer properties. <i>Food Chemistry</i> , 2015, 183, 235-258.	8.2	340
25	Exploring cinnamic acid scaffold: development of promising neuroprotective lipophilic antioxidants. <i>MedChemComm</i> , 2015, 6, 1043-1053.	3.4	25
26	Biology-oriented development of novel lipophilic antioxidants with neuroprotective activity. <i>RSC Advances</i> , 2015, 5, 15800-15811.	3.6	19
27	Discovery of two new classes of potent monoamine oxidase-B inhibitors by tricky chemistry. <i>Chemical Communications</i> , 2015, 51, 2832-2835.	4.1	44
28	Effects of Chlorophenoxy Herbicides and Their Main Transformation Products on DNA Damage and Acetylcholinesterase Activity. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	11
29	Alzheimer's disease, enzyme targets and drug discovery struggles: From natural products to drug prototypes. <i>Ageing Research Reviews</i> , 2014, 15, 116-145.	10.9	141
30	New insights into the antioxidant activity of hydroxycinnamic and hydroxybenzoic systems: Spectroscopic, electrochemistry, and cellular studies. <i>Free Radical Research</i> , 2014, 48, 1473-1484.	3.3	23
31	Caffeic acid derivatives, analogs and applications: a patent review (2009 - 2013). <i>Expert Opinion on Therapeutic Patents</i> , 2014, 24, 1257-1270.	5.0	87
32	Alzheimer's Disease, Cholesterol, and Statins: The Junctions of Important Metabolic Pathways. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1110-1121.	13.8	56
33	Antioxidant therapy: Still in search of the "magic bullet". <i>Mitochondrion</i> , 2013, 13, 427-435.	3.4	49
34	Exploring nature profits: Development of novel and potent lipophilic antioxidants based on galloyl-cinnamic hybrids. <i>European Journal of Medicinal Chemistry</i> , 2013, 62, 289-296.	5.5	52
35	Alzheimer's Disease and Antioxidant Therapy: How Long How Far?. <i>Current Medicinal Chemistry</i> , 2013, 20, 2939-2952.	2.4	47
36	Chromone, a Privileged Scaffold for the Development of Monoamine Oxidase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 5165-5173.	6.4	140

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37	Lipophilic Caffeic and Ferulic Acid Derivatives Presenting Cytotoxicity against Human Breast Cancer Cells. <i>Chemical Research in Toxicology</i> , 2011, 24, 763-774.	3.3	115
38	Receptores A3 da adenosina: uma nova abordagem terapêutica no câncer. <i>Quimica Nova</i> , 2011, 34, 1417-1424.	0.3	2