Thiago C Genaro-Mattos

List of Publications by Year
in descending order

30 papers	695 citations	567281 15 h-index	552781 26 g-index
31 all docs	31 docs citations	31 times ranked	1025 citing authors

#	Article	IF	Citations
1	Ubiquitous Aberration in Cholesterol Metabolism across Pancreatic Ductal Adenocarcinoma. Metabolites, 2022, 12, 47.	2.9	7
2	Identifying Molecular Fragments That Drive 7-Dehydrocholesterol Elevation. ACS Pharmacology and Translational Science, 2022, 5, 3-7.	4.9	1
3	Neonatal Hypoxic-Ischemic Brain Injury Alters Brain Acylcarnitine Levels in a Mouse Model. Metabolites, 2022, 12, 467.	2.9	4
4	Individual and simultaneous treatment with antipsychotic aripiprazole and antidepressant trazodone inhibit sterol biosynthesis in the adult brain. Journal of Lipid Research, 2022, 63, 100249.	4.2	5
5	Altered Cholesterol Biosynthesis Affects Drug Metabolism. ACS Omega, 2021, 6, 5490-5498.	3.5	1
6	Sterol Biosynthesis Inhibition in Pregnant Women Taking Prescription Medications. ACS Pharmacology and Translational Science, 2021, 4, 848-857.	4.9	6
7	Trazodone effects on developing brain. Translational Psychiatry, 2021, 11, 85.	4.8	13
8	Prescription Medications Alter Neuronal and Glial Cholesterol Synthesis. ACS Chemical Neuroscience, 2021, 12, 735-745.	3.5	16
9	Interaction of maternal immune activation and genetic interneuronal inhibition. Brain Research, 2021, 1759, 147370.	2.2	4
10	Plasma Concentrations and Maternal-Umbilical Cord Plasma Ratios of the Six Most Prevalent Carotenoids across Five Groups of Birth Gestational Age. Antioxidants, 2021, 10, 1409.	5.1	3
11	Metabolic Control of Sensory Neuron Survival by the p75 Neurotrophin Receptor in Schwann Cells. Journal of Neuroscience, 2021, 41, 8710-8724.	3.6	6
12	Maternal cariprazine exposure inhibits embryonic and postnatal brain cholesterol biosynthesis. Molecular Psychiatry, 2020, 25, 2685-2694.	7.9	13
13	Amiodarone Alters Cholesterol Biosynthesis through Tissue-Dependent Inhibition of Emopamil Binding Protein and Dehydrocholesterol Reductase 24. ACS Chemical Neuroscience, 2020, 11, 1413-1423.	3.5	18
14	Cholesterol Biosynthesis and Uptake in Developing Neurons. ACS Chemical Neuroscience, 2019, 10, 3671-3681.	3.5	57
15	Desmosterolosis and desmosterol homeostasis in the developing mouse brain. Journal of Inherited Metabolic Disease, 2019, 42, 934-943.	3.6	17
16	Maternal aripiprazole exposure interacts with 7-dehydrocholesterol reductase mutations and alters embryonic neurodevelopment. Molecular Psychiatry, 2019, 24, 491-500.	7.9	20
17	Dichlorophenyl piperazines, including a recently-approved atypical antipsychotic, are potent inhibitors of DHCR7, the last enzyme in cholesterol biosynthesis. Toxicology and Applied Pharmacology, 2018, 349, 21-28.	2.8	24
18	Cholesterol secosterol aldehyde adduction and aggregation of Cu,Zn-superoxide dismutase: Potential implications in ALS. Redox Biology, 2018, 19, 105-115.	9.0	20

#	Article	IF	Citations
19	Probes for protein adduction in cholesterol biosynthesis disorders: Alkynyl lanosterol as a viable sterol precursor. Redox Biology, 2017, 12, 182-190.	9.0	23
20	Vulnerability of DHCR7+/â^' mutation carriers to aripiprazole and trazodone exposure. Journal of Lipid Research, 2017, 58, 2139-2146.	4.2	16
21	Antioxidant Activity of Caffeic Acid against Iron-Induced Free Radical Generationâ€"A Chemical Approach. PLoS ONE, 2015, 10, e0129963.	2.5	108
22	Cytochrome c Reacts with Cholesterol Hydroperoxides To Produce Lipid- and Protein-Derived Radicals. Biochemistry, 2015, 54, 2841-2850.	2.5	13
23	Preparation for oxidative stress under hypoxia and metabolic depression: Revisiting the proposal two decades later. Free Radical Biology and Medicine, 2015, 89, 1122-1143.	2.9	158
24	Oligomerization of Cu,Zn-Superoxide Dismutase (SOD1) by Docosahexaenoic Acid and Its Hydroperoxides In Vitro: Aggregation Dependence on Fatty Acid Unsaturation and Thiols. PLoS ONE, 2015, 10, e0125146.	2.5	13
25	Assay of Protein and Peptide Adducts of Cholesterol Ozonolysis Products by Hydrophobic and Click Enrichment Methods. Chemical Research in Toxicology, 2014, 27, 1757-1768.	3.3	15
26	Covalent Binding and Anchoring of Cytochrome c to Mitochondrial Mimetic Membranes Promoted by Cholesterol Carboxyaldehyde. Chemical Research in Toxicology, 2013, 26, 1536-1544.	3.3	11
27	Probing lipid-protein adduction with alkynyl surrogates: application to Smith-Lemli-Opitz syndrome. Journal of Lipid Research, 2013, 54, 2842-2850.	4.2	31
28	Behavior of the thermal diffusivity of native and oxidized human low-density lipoprotein solutions studied by the Z-scan technique. Journal of Biomedical Optics, 2012, 17, 1050031.	2.6	11
29	Highly Sensitive Fluorescent Method for the Detection of Cholesterol Aldehydes Formed by Ozone and Singlet Molecular Oxygen. Analytical Chemistry, 2010, 82, 6775-6781.	6.5	19
30	Reevaluation of the 2-deoxyribose assay for determination of free radical formation. Biochimica Et Biophysica Acta - General Subjects, 2009, 1790, 1636-1642.	2.4	19