Angela Maria Casaril

List of Publications by Year
in descending order

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37 papers	669 citations	567281 15 h-index	580821 25 g-index
41 all docs	41 docs citations	41 times ranked	704 citing authors

#	Article	IF	Citations
1	Selanylimidazopyridine abolishes inflammation- and stress-induced depressive-like behaviors by modulating the oxido-nitrosative system. European Journal of Pharmacology, 2022, 914, 174570.	3.5	5
2	Activated glia cells cause bioenergetic impairment of neurons that can be rescued by knock-down of the mitochondrial calcium uniporter. Biochemical and Biophysical Research Communications, 2022, 608, 45-51.	2.1	5
3	Flower essential oil of Tagetes minuta mitigates oxidative stress and restores BDNF-Akt/ERK2 signaling attenuating inflammation- and stress-induced depressive-like behavior in mice. Brain Research, 2022, 1784, 147845.	2.2	6
4	Sequential one-pot synthesis and antioxidant evaluation of 5-amino-4-(arylselanyl)-1H-pyrazoles. Tetrahedron Letters, 2022, 103, 153992.	1.4	6
5	A pyrazole-containing selenium compound modulates neuroendocrine, oxidative stress, and behavioral responses to acute restraint stress in mice. Behavioural Brain Research, 2021, 396, 112874.	2.2	18
6	Inflammation and Depression: Is Immunometabolism the Missing Link?. , 2021, , 259-287.		3
7	Lipopolysaccharide does not alter behavioral response to successive negative contrast in mice. Psychopharmacology, 2021, 238, 691-697.	3.1	1
8	Neuroprotective Effect of 3-[(4-Chlorophenyl)selanyl]-1-methyl-1H-indole on Hydrogen Peroxide-Induced Oxidative Stress in SH-SY5Y Cells. Neurochemical Research, 2021, 46, 535-549.	3.3	5
9	Anhedonic- and anxiogenic-like behaviors and neurochemical alterations are abolished by a single administration of a selenium-containing compound in chronically stressed mice. Comprehensive Psychoneuroendocrinology, 2021, 6, 100054.	1.7	10
10	Komagataella pastoris KM71H modulates neuroimmune and oxidative stress parameters in animal models of depression: A proposal for a new probiotic with antidepressant-like effect. Pharmacological Research, 2021, 171, 105740.	7.1	15
11	Live Imaging of the Mitochondrial Glutathione Redox State in Primary Neurons using a Ratiometric Indicator. Journal of Visualized Experiments, 2021, , .	0.3	0
12	Neuronal Mitochondrial Dysfunction and Bioenergetic Failure in Inflammation-Associated Depression. Frontiers in Neuroscience, 2021, 15, 725547.	2.8	14
13	Synthesis of enantiomerically pure glycerol derivatives containing an organochalcogen unit: In vitro and in vivo antioxidant activity. Arabian Journal of Chemistry, 2020, 13, 883-899.	4.9	13
14	Depression-like behavior, hyperglycemia, oxidative stress, and neuroinflammation presented in diabetic mice are reversed by the administration of 1-methyl-3-(phenylselanyl)-1H-indole. Journal of Psychiatric Research, 2020, 120, 91-102.	3.1	24
15	Toxicological evaluation of 3-(4-Chlorophenylselanyl)-1-methyl-1H-indole through the bovine oocyte in vitro maturation model. Toxicology in Vitro, 2020, 62, 104678.	2.4	2
16	The antioxidant and immunomodulatory compound 3-[(4-chlorophenyl)selanyl]-1-methyl-1H-indole attenuates depression-like behavior and cognitive impairment developed in a mouse model of breast tumor. Brain, Behavior, and Immunity, 2020, 84, 229-241.	4.1	30
17	2â€²-Hydroxychalcones as an alternative treatment for trichomoniasis in association with metronidazole. Parasitology Research, 2020, 119, 725-736.	1.6	5
18	3-[(4-chlorophenyl)selanyl]-1-methyl-1H-indole ameliorates long-lasting depression- and anxiogenic-like behaviors and cognitive impairment in post-septic mice: Involvement of neuroimmune and oxidative hallmarks. Chemico-Biological Interactions, 2020, 331, 109278.	4.0	14

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19	Organocatalysis in the Synthesis of 1,2,3â€Triazoylâ€zidovudine Derivatives: Synthesis and Preliminary Antioxidant Activity. ChemistrySelect, 2020, 5, 12255-12260.	1.5	6
20	The selenocompound 1-methyl-3-(phenylselanyl)-1H-indole attenuates depression-like behavior, oxidative stress, and neuroinflammation in streptozotocin-treated mice. Brain Research Bulletin, 2020, 161, 158-165.	3.0	14
21	Antiparasitic activity of furanyl N-acylhydrazone derivatives against Trichomonas vaginalis: in vitro and in silico analyses. Parasites and Vectors, 2020, 13, 59.	2.5	10
22	A novel pyrazole-containing selenium compound modulates the oxidative and nitrergic pathways to reverse the depression-pain syndrome in mice. Brain Research, 2020, 1741, 146880.	2.2	9
23	Quinolines-1,2,3-triazolylcarboxamides exhibits antiparasitic activity in Trichomonas vaginalis. Biotechnology Research and Innovation, 2019, 3, 265-274.	0.9	0
24	Repeated administration of a selenium-containing indolyl compound attenuates behavioural alterations by streptozotocin through modulation of oxidative stress in mice. Pharmacology Biochemistry and Behavior, 2019, 183, 46-55.	2.9	19
25	Depression- and anxiogenic-like behaviors induced by lipopolysaccharide in mice are reversed by a selenium-containing indolyl compound: Behavioral, neurochemical and computational insights involving the serotonergic system. Journal of Psychiatric Research, 2019, 115, 1-12.	3.1	33
26	Effects of a selanylimidazopyridine on the acute restraint stress-induced depressive- and anxiety-like behaviors and biological changes in mice. Behavioural Brain Research, 2019, 366, 96-107.	2.2	40
27	The selenium-containing compound 3-((4-chlorophenyl)selanyl)-1-methyl-1H-indole reverses depressive-like behavior induced by acute restraint stress in mice: modulation of oxido-nitrosative stress and inflammatory pathway. Psychopharmacology, 2019, 236, 2867-2880.	3.1	42
28	Selanylimidazopyridine Prevents Lipopolysaccharide-Induced Depressive-Like Behavior in Mice by Targeting Neurotrophins and Inflammatory/Oxidative Mediators. Frontiers in Neuroscience, 2018, 12, 486.	2.8	26
29	Selenium-containing indolyl compounds: Kinetics of reaction with inflammation-associated oxidants and protective effect against oxidation of extracellular matrix proteins. Free Radical Biology and Medicine, 2017, 113, 395-405.	2.9	49
30	Ultrasoundâ€Assisted Synthesis and Antioxidant Activity of 3â€Selanylâ€1â€‰Hâ€indole and 3â€Selanylimidazo[1,2â€a]pyridine Derivatives. Asian Journal of Organic Chemistry, 2017, 6, 1635-1646.	2.7	67
31	Antidepressant-like effect of a new selenium-containing compound is accompanied by a reduction of neuroinflammation and oxidative stress in lipopolysaccharide-challenged mice. Journal of Psychopharmacology, 2017, 31, 1263-1273.	4.0	57
32	Computational and biological evidences on the serotonergic involvement of SeTACN antidepressant-like effect in mice. PLoS ONE, 2017, 12, e0187445.	2.5	4
33	Twice acting antioxidants: synthesis and antioxidant properties of selenium and sulfur-containing zingerone derivatives. Tetrahedron Letters, 2015, 56, 2243-2246.	1.4	24
34	Evaluation of the toxicity of Î±-(phenylselanyl) acetophenone in mice. Regulatory Toxicology and Pharmacology, 2015, 73, 868-874.	2.7	10
35	Antidepressant-like activity of dehydrozingerone: Involvement of the serotonergic and noradrenergic systems. Pharmacology Biochemistry and Behavior, 2014, 127, 111-117.	2.9	24
36	Organochalcogen compounds from glycerol: Synthesis of new antioxidants. Bioorganic and Medicinal Chemistry, 2014, 22, 6242-6249.	3.0	30

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37	Antioxidant properties of (R)-Se-aryl thiazolidine-4-carboselenoate. Chemico-Biological Interactions, 2013, 205, 100-107.	4.0	28