

# Angela Maria Casaril

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9572099/publications.pdf>

Version: 2024-02-01

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	Ultrasound-Assisted Synthesis and Antioxidant Activity of 3-Selanyl-1H-indole and 3-Selanylimidazo[1,2-a]pyridine Derivatives. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1635-1646.	2.7	67
2	Antidepressant-like effect of a new selenium-containing compound is accompanied by a reduction of neuroinflammation and oxidative stress in lipopolysaccharide-challenged mice. <i>Journal of Psychopharmacology</i> , 2017, 31, 1263-1273.	4.0	57
3	Selenium-containing indolyl compounds: Kinetics of reaction with inflammation-associated oxidants and protective effect against oxidation of extracellular matrix proteins. <i>Free Radical Biology and Medicine</i> , 2017, 113, 395-405.	2.9	49
4	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. <i>Psychopharmacology</i> , 2019, 236, 2867-2880.	3.1	42
5	Effects of a selanylimidazopyridine on the acute restraint stress-induced depressive- and anxiety-like behaviors and biological changes in mice. <i>Behavioural Brain Research</i> , 2019, 366, 96-107.	2.2	40
6	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. <i>Journal of Psychiatric Research</i> , 2019, 115, 1-12.	3.1	33
7	Organochalcogen compounds from glycerol: Synthesis of new antioxidants. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 6242-6249.	3.0	30
8	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. <i>Brain, Behavior, and Immunity</i> , 2020, 84, 229-241.	4.1	30
9	Antioxidant properties of (R)-Se-aryl thiazolidine-4-carboselenoate. <i>Chemico-Biological Interactions</i> , 2013, 205, 100-107.	4.0	28
10	Selanylimidazopyridine Prevents Lipopolysaccharide-Induced Depressive-Like Behavior in Mice by Targeting Neurotrophins and Inflammatory/Oxidative Mediators. <i>Frontiers in Neuroscience</i> , 2018, 12, 486.	2.8	26
11	Antidepressant-like activity of dehydrozingerone: Involvement of the serotonergic and noradrenergic systems. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 127, 111-117.	2.9	24
12	Twice acting antioxidants: synthesis and antioxidant properties of selenium and sulfur-containing zingerone derivatives. <i>Tetrahedron Letters</i> , 2015, 56, 2243-2246.	1.4	24
13	Depression-like behavior, hyperglycemia, oxidative stress, and neuroinflammation presented in diabetic mice are reversed by the administration of 1-methyl-3-(phenylselanyl)-1H-indole. <i>Journal of Psychiatric Research</i> , 2020, 120, 91-102.	3.1	24
14	Repeated administration of a selenium-containing indolyl compound attenuates behavioural alterations by streptozotocin through modulation of oxidative stress in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2019, 183, 46-55.	2.9	19
15	A pyrazole-containing selenium compound modulates neuroendocrine, oxidative stress, and behavioral responses to acute restraint stress in mice. <i>Behavioural Brain Research</i> , 2021, 396, 112874.	2.2	18
16	Komagataella pastoris KM71H modulates neuroimmune and oxidative stress parameters in animal models of depression: A proposal for a new probiotic with antidepressant-like effect. <i>Pharmacological Research</i> , 2021, 171, 105740.	7.1	15
17	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. <i>Chemico-Biological Interactions</i> , 2020, 331, 109278.	4.0	14
18	The selenocompound 1-methyl-3-(phenylselanyl)-1H-indole attenuates depression-like behavior, oxidative stress, and neuroinflammation in streptozotocin-treated mice. <i>Brain Research Bulletin</i> , 2020, 161, 158-165.	3.0	14

#	ARTICLE	IF	CITATIONS
19	Neuronal Mitochondrial Dysfunction and Bioenergetic Failure in Inflammation-Associated Depression. <i>Frontiers in Neuroscience</i> , 2021, 15, 725547.	2.8	14
20	Synthesis of enantiomerically pure glycerol derivatives containing an organochalcogen unit: In vitro and in vivo antioxidant activity. <i>Arabian Journal of Chemistry</i> , 2020, 13, 883-899.	4.9	13
21	Evaluation of the toxicity of $\hat{\pm}$ -(phenylselanyl) acetophenone in mice. <i>Regulatory Toxicology and Pharmacology</i> , 2015, 73, 868-874.	2.7	10
22	Antiparasitic activity of furanyl N-acylhydrazone derivatives against <i>Trichomonas vaginalis</i> : in vitro and in silico analyses. <i>Parasites and Vectors</i> , 2020, 13, 59.	2.5	10
23	Anhedonic- and anxiogenic-like behaviors and neurochemical alterations are abolished by a single administration of a selenium-containing compound in chronically stressed mice. <i>Comprehensive Psychoneuroendocrinology</i> , 2021, 6, 100054.	1.7	10
24	A novel pyrazole-containing selenium compound modulates the oxidative and nitric pathways to reverse the depression-pain syndrome in mice. <i>Brain Research</i> , 2020, 1741, 146880.	2.2	9
25	Organocatalysis in the Synthesis of 1,2,3-Triazol-4-ylidovudine Derivatives: Synthesis and Preliminary Antioxidant Activity. <i>ChemistrySelect</i> , 2020, 5, 12255-12260.	1.5	6
26	Flower essential oil of <i>Tagetes minuta</i> mitigates oxidative stress and restores BDNF-Akt/ERK2 signaling attenuating inflammation- and stress-induced depressive-like behavior in mice. <i>Brain Research</i> , 2022, 1784, 147845.	2.2	6
27	Sequential one-pot synthesis and antioxidant evaluation of 5-amino-4-(arylselanyl)-1H-pyrazoles. <i>Tetrahedron Letters</i> , 2022, 103, 153992.	1.4	6
28	2-Hydroxychalcones as an alternative treatment for trichomoniasis in association with metronidazole. <i>Parasitology Research</i> , 2020, 119, 725-736.	1.6	5
29	Neuroprotective Effect of 3-[(4-Chlorophenylselanyl)-1-methyl-1H-indole on Hydrogen Peroxide-Induced Oxidative Stress in SH-SY5Y Cells. <i>Neurochemical Research</i> , 2021, 46, 535-549.	3.3	5
30	Selanylimidazopyridine abolishes inflammation- and stress-induced depressive-like behaviors by modulating the oxido-nitrosative system. <i>European Journal of Pharmacology</i> , 2022, 914, 174570.	3.5	5
31	Activated glia cells cause bioenergetic impairment of neurons that can be rescued by knock-down of the mitochondrial calcium uniporter. <i>Biochemical and Biophysical Research Communications</i> , 2022, 608, 45-51.	2.1	5
32	Computational and biological evidences on the serotonergic involvement of SeTACN antidepressant-like effect in mice. <i>PLoS ONE</i> , 2017, 12, e0187445.	2.5	4
33	Inflammation and Depression: Is Immunometabolism the Missing Link?. , 2021, , 259-287.		3
34	Toxicological evaluation of 3-(4-Chlorophenylselanyl)-1-methyl-1H-indole through the bovine oocyte in vitro maturation model. <i>Toxicology in Vitro</i> , 2020, 62, 104678.	2.4	2
35	Lipopolysaccharide does not alter behavioral response to successive negative contrast in mice. <i>Psychopharmacology</i> , 2021, 238, 691-697.	3.1	1
36	Quinolines-1,2,3-triazolylcarboxamides exhibits antiparasitic activity in <i>Trichomonas vaginalis</i> . <i>Biotechnology Research and Innovation</i> , 2019, 3, 265-274.	0.9	0

#	ARTICLE	IF	CITATIONS
37	Live Imaging of the Mitochondrial Glutathione Redox State in Primary Neurons using a Ratiometric Indicator. Journal of Visualized Experiments, 2021, , .	0.3	0