

Lucielli Savegnago

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147 papers	3,243 citations	32 h-index	46 g-index
160 ext. papers	3,628 ext. citations	4.2 avg, IF	5.08 L-index

#	Paper	IF	Citations
147	Dihydropyrimidin-(2H)-ones obtained by ultrasound irradiation: a new class of potential antioxidant agents. <i>European Journal of Medicinal Chemistry</i> , 2006 , 41, 513-8	6.8	114
146	Antinociceptive properties of diphenyl diselenide: evidences for the mechanism of action. <i>European Journal of Pharmacology</i> , 2007 , 555, 129-38	5.3	101
145	Glycerol as a recyclable solvent for copper-catalyzed cross-coupling reactions of diaryl diselenides with aryl boronic acids. <i>Green Chemistry</i> , 2012 , 14, 1030	10	91
144	Essential oil of the leaves of <i>Eugenia uniflora</i> L.: antioxidant and antimicrobial properties. <i>Food and Chemical Toxicology</i> , 2012 , 50, 2668-74	4.7	81
143	Synthesis of arylselenanyl-1H-1,2,3-triazole-4-carboxylates by organocatalytic cycloaddition of azidophenyl arylselenides with β -keto-esters. <i>Tetrahedron</i> , 2012 , 68, 10456-10463	2.4	78
142	Synthesis and antioxidant properties of novel quinoline π -halcogenium compounds. <i>Tetrahedron Letters</i> , 2013 , 54, 40-44	2	71
141	Organocatalytic Synthesis of (Arylselanyl)phenyl-1H-1,2,3-triazole-4-carboxamides by Cycloaddition between Azidophenyl Arylselenides and β Oxo-amides. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 1059-1065	3.2	70
140	Diphenyl diselenide exerts antidepressant-like and anxiolytic-like effects in mice: involvement of L-arginine-nitric oxide-soluble guanylate cyclase pathway in its antidepressant-like action. <i>Pharmacology Biochemistry and Behavior</i> , 2008 , 88, 418-26	3.9	67
139	Involvement of L-arginine-nitric oxide-cyclic guanosine monophosphate pathway in the antidepressant-like effect of tramadol in the rat forced swimming test. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008 , 32, 1838-43	5.5	66
138	Monoaminergic agents modulate antidepressant-like effect caused by diphenyl diselenide in rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007 , 31, 1261-9	5.5	65
137	Antisecretory and antiulcer effects of diphenyl diselenide. <i>Environmental Toxicology and Pharmacology</i> , 2006 , 21, 86-92	5.8	65
136	Neuroprotective effect of physical exercise in a mouse model of Alzheimer's disease induced by β -Amyloid peptide. <i>Neurotoxicity Research</i> , 2013 , 24, 148-63	4.3	60
135	Anticonvulsant and antioxidant effects of 3-alkynyl selenophene in 21-day-old rats on pilocarpine model of seizures. <i>Brain Research Bulletin</i> , 2009 , 79, 281-7	3.9	56
134	Palladium-catalyzed Suzuki cross-coupling of 2-haloselenophenes: synthesis of 2-arylselenophenes, 2,5-diarylselenophenes, and 2-arylselenophenyl ketones. <i>Journal of Organic Chemistry</i> , 2006 , 71, 3786-92	4.2	55
133	4-Phenylselenanyl-7-chloroquinoline, a new quinoline derivative containing selenium, has potential antinociceptive and anti-inflammatory actions. <i>European Journal of Pharmacology</i> , 2016 , 780, 122-8	5.3	55
132	Hepatoprotective effect of 3-alkynyl selenophene on acute liver injury induced by D-galactosamine and lipopolysaccharide. <i>Experimental and Molecular Pathology</i> , 2009 , 87, 20-6	4.4	50
131	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	4.6	48

130	Green, catalyst-free thioacetalization of carbonyl compounds using glycerol as recyclable solvent. <i>Tetrahedron Letters</i> , 2010 , 51, 4354-4356	2	48
129	Ultrasound-Assisted Synthesis and Antioxidant Activity of 3-Selanyl-1 H-indole and 3-Selanylimidazo[1,2-a]pyridine Derivatives. <i>Asian Journal of Organic Chemistry</i> , 2017 , 6, 1635-1646	3	47
128	Antinociceptive and anti-allodynic effects of 3-alkynyl selenophene on different models of nociception in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2009 , 93, 419-25	3.9	47
127	Bis selenide alkene derivatives: A class of potential antioxidant and antinociceptive agents. <i>Pharmacology Biochemistry and Behavior</i> , 2006 , 83, 221-9	3.9	46
126	In vitro antioxidant activity and in vivo antidepressant-like effect of α -(phenylselanyl) acetophenone in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2012 , 102, 21-9	3.9	42
125	Brazilian red propolis induces apoptosis-like cell death and decreases migration potential in bladder cancer cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014 , 2014, 639856	2.3	40
124	Diphenyl diselenide attenuates acute thermal hyperalgesia and persistent inflammatory and neuropathic pain behavior in mice. <i>Brain Research</i> , 2007 , 1175, 54-9	3.7	40
123	Synthesis, characterization and antioxidant activity of organoselenium and organotellurium compound derivatives of chrysin. <i>New Journal of Chemistry</i> , 2015 , 39, 3043-3050	3.6	39
122	Substituted diaryl diselenides: cytotoxic and apoptotic effect in human colon adenocarcinoma cells. <i>Life Sciences</i> , 2012 , 91, 345-52	6.8	39
121	Depressive-like behavior induced by tumor necrosis factor- α s attenuated by m-trifluoromethyl-diphenyl diselenide in mice. <i>Journal of Psychiatric Research</i> , 2015 , 66-67, 75-83	5.2	36
120	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	7.8	35
119	Involvement of monoaminergic system in the antidepressant-like effect of (octylseleno)-xylofuranoside in the mouse tail suspension test. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016 , 65, 201-7	5.5	35
118	Involvement of the dopaminergic and serotonergic systems in the antidepressant-like effect caused by 4-phenyl-1-(phenylselanylmethyl)-1,2,3-triazole. <i>Life Sciences</i> , 2013 , 93, 393-400	6.8	33
117	Antinociceptive and anti-hypernociceptive effects of Se-phenyl thiazolidine-4-carboselenoate in mice. <i>European Journal of Pharmacology</i> , 2011 , 668, 169-76	5.3	33
116	Antitumor activity of Brazilian red propolis fractions against Hep-2 cancer cell line. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 91, 951-963	7.5	32
115	Role of nitric oxide/cyclic GMP/K(+) channel pathways in the antinociceptive effect caused by 2,3-bis(mesitylseleno)propenol. <i>Life Sciences</i> , 2007 , 81, 1694-702	6.8	32
114	Ultrasound-promoted copper-catalyzed synthesis of bis-arylselanyl chrysin derivatives with boosted antioxidant and anticancer activities. <i>Ultrasonics Sonochemistry</i> , 2017 , 39, 827-836	8.9	31
113	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	4.7	31

- 112 Evaluation of antioxidant activity and potential toxicity of 1-buthyltelurenyl-2-methylthioheptene. *Life Sciences*, **2006**, 79, 1546-52 6.8 29
- 111 Synthesis of novel selenium and tellurium-containing tetrazoles: a class of chalcogen compounds with antifungal activity. *Tetrahedron Letters*, **2012**, 53, 3091-3094 2 27
- 110 Synthesis and antioxidant activity of new C-3 sulfenyl indoles. *Tetrahedron Letters*, **2013**, 54, 4926-4929 2 27
- 109 Further analysis of the antinociceptive action caused by p-methoxyl-diphenyl diselenide in mice. *Pharmacology Biochemistry and Behavior*, **2009**, 91, 573-80 3.9 27
- 108 Antioxidant and antidepressant-like activities of semi-synthetic α -phenylseleno citronellal. *European Journal of Pharmacology*, **2014**, 742, 131-8 5.3 26
- 107 Organocatalytic synthesis and evaluation of 7-chloroquinoline-1,2,3-triazolyl carboxamides as potential antinociceptive, anti-inflammatory and anticonvulsant agent. *RSC Advances*, **2014**, 4, 41437-41445 2.7 26
- 106 Organochalcogen compounds from glycerol: synthesis of new antioxidants. *Bioorganic and Medicinal Chemistry*, **2014**, 22, 6242-9 3.4 26
- 105 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 3.4 25
- 104 Chemical composition, immunostimulatory, cytotoxic and antiparasitic activities of the essential oil from Brazilian red propolis. *PLoS ONE*, **2018**, 13, e0191797 3.7 25
- 103 Further analysis of the antimicrobial activity of α -phenylseleno citronellal and α -phenylseleno citronellol. *Food Control*, **2012**, 23, 95-99 6.2 25
- 102 Involvement of serotonergic and adrenergic systems on the antidepressant-like effect of E. uniflora L. leaves essential oil and further analysis of its antioxidant activity. *Neuroscience Letters*, **2013**, 544, 105-9 3.3 25
- 101 Structural modifications into diphenyl diselenide molecule do not cause toxicity in mice. *Environmental Toxicology and Pharmacology*, **2009**, 27, 271-6 5.8 25
- 100 CuI/glycerol mediated stereoselective synthesis of 1,2-bis-chalcogen alkenes from terminal alkynes: synthesis of new antioxidants. *Tetrahedron Letters*, **2014**, 55, 5275-5279 2 24
- 99 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 5.2 23
- 98 Twice acting antioxidants: synthesis and antioxidant properties of selenium and sulfur-containing zingerone derivatives. *Tetrahedron Letters*, **2015**, 56, 2243-2246 2 23
- 97 Phenylselanyl-1H-1,2,3-triazole-4-carbonitriles: synthesis, antioxidant properties and use as precursors to highly functionalized tetrazoles. *RSC Advances*, **2016**, 6, 8021-8031 3.7 23
- 96 Synthesis of (Z)-organylthioenynes using KF/Al₂O₃/solvent as recyclable system. *Tetrahedron Letters*, **2011**, 52, 133-135 2 23
- 95 3-(4-Chlorophenylselanyl)-1-methyl-1H-indole, a new selenium compound elicits an antinociceptive and anti-inflammatory effect in mice. *European Journal of Pharmacology*, **2018**, 827, 71-79 5.3 22

94	High sucrose consumption potentiates the sub-acute cadmium effect on Na ⁺ /K ⁺ -ATPase but not on delta-aminolevulinate dehydratase in mice. <i>Toxicology Letters</i> , 2004 , 153, 333-41	4.4	22
93	Antioxidant properties of (R)-Se-aryl thiazolidine-4-carboselenoate. <i>Chemico-Biological Interactions</i> , 2013 , 205, 100-7	5	21
92	Spinal mechanisms of antinociceptive effect caused by oral administration of bis-selenide in mice. <i>Brain Research</i> , 2008 , 1231, 25-33	3.7	21
91	Evidence for the involvement of glutamatergic and GABAergic systems and protein kinase A pathway in the antinociceptive effect caused by p-methoxy-diphenyl diselenide in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2008 , 88, 487-96	3.9	21
90	New thioureas based on thiazolidines with antioxidant potential. <i>Tetrahedron Letters</i> , 2015 , 56, 6674-6680		20
89	Essential oil of Psidium cattleianum leaves: antioxidant and antifungal activity. <i>Pharmaceutical Biology</i> , 2015 , 53, 242-50	3.8	20
88	Selanylimidazopyridine Prevents Lipopolysaccharide-Induced Depressive-Like Behavior in Mice by Targeting Neurotrophins and Inflammatory/Oxidative Mediators. <i>Frontiers in Neuroscience</i> , 2018 , 12, 486	5.1	20
87	Glycerol as a promoting and recyclable medium for catalyst-free synthesis of linear thioethers: new antioxidants from eugenol. <i>Green Chemistry Letters and Reviews</i> , 2013 , 6, 269-276	4.7	20
86	Selenium compounds in Click Chemistry: copper catalyzed 1,3-dipolar cycloaddition of azidomethyl arylselenides and alkynes. <i>Tetrahedron</i> , 2012 , 68, 10419-10425	2.4	20
85	ß(phenylselanyl) acetophenone mitigates reserpine-induced pain-depression dyad: Behavioral, biochemical and molecular docking evidences. <i>Brain Research Bulletin</i> , 2018 , 142, 129-137	3.9	19
84	ß(phenylselanyl) acetophenone abolishes acute restraint stress induced-comorbid pain, depression and anxiety-related behaviors in mice. <i>Neurochemistry International</i> , 2018 , 120, 112-120	4.4	19
83	Bioactivity and morphological changes of bacterial cells after exposure to 3-(p-chlorophenyl)thio citronellal. <i>LWT - Food Science and Technology</i> , 2014 , 59, 813-819	5.4	19
82	Antinociceptive and anti-hyperalgesic effects of bis(4-methylbenzoyl) diselenide in mice: evidence for the mechanism of action. <i>Pharmaceutical Biology</i> , 2015 , 53, 395-403	3.8	19
81	Antidepressant-like activity of dehydrozingerone: involvement of the serotonergic and noradrenergic systems. <i>Pharmacology Biochemistry and Behavior</i> , 2014 , 127, 111-7	3.9	19
80	Neuroprotective effect caused by MPEP, an antagonist of metabotropic glutamate receptor mGluR5, on seizures induced by pilocarpine in 21-day-old rats. <i>Brain Research</i> , 2008 , 1198, 197-203	3.7	19
79	Spinal mechanisms of antinociceptive action caused by diphenyl diselenide. <i>Brain Research</i> , 2007 , 1162, 32-7	3.7	19
78	Convenient Michael addition/ßelimination approach to the synthesis of 4-benzyl- and 4-aryl-selenyl coumarins using diselenides as selenium sources. <i>Tetrahedron Letters</i> , 2017 , 58, 985-990	2	18
77	Synthesis of 1-H-1,5-benzodiazepines derivatives using SiO ₂ /ZnCl ₂ . <i>Heteroatom Chemistry</i> , 2011 , 22, 180-185	1.2	17

76	Introduction of trifluoromethyl group into diphenyl diselenide molecule alters its toxicity and protective effect against damage induced by 2-nitropropane in rats. <i>Experimental and Toxicologic Pathology</i> , 2009 , 61, 197-203		17
75	Mechanisms involved in the antinociceptive and anti-inflammatory effects of bis selenide in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2010 , 61, 623-630	4.8	17
74	The antioxidant and immunomodulatory compound 3-[(4-chlorophenyl)selenyl]-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	16.6	17
73	3-(4-Chlorophenylselenyl)-1-methyl-1H-indole promotes recovery of neuropathic pain and depressive-like behavior induced by partial constriction of the sciatic nerve in mice. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019 , 54, 126-133	4.1	16
72	Meloxicam-loaded nanocapsules as an alternative to improve memory decline in an Alzheimer's disease model in mice: involvement of Na(+), K(+)-ATPase. <i>Metabolic Brain Disease</i> , 2016 , 31, 793-802	3.9	16
71	Selective blockade of mGlu5 metabotropic glutamate receptors is hepatoprotective against fulminant hepatic failure induced by lipopolysaccharide and D-galactosamine in mice. <i>Journal of Applied Toxicology</i> , 2009 , 29, 323-9	4.1	16
70	Caffeine and a selective adenosine A(2B) receptor antagonist but not imidazoline receptor antagonists modulate antinociception induced by diphenyl diselenide in mice. <i>Neuroscience Letters</i> , 2008 , 436, 120-3	3.3	16
69	Lipopolysaccharide-induced depressive-like, anxiogenic-like and hyperalgesic behavior is attenuated by acute administration of β -(phenylselenyl) acetophenone in mice. <i>Neuropharmacology</i> , 2019 , 146, 128-137	5.5	16
68	Antiparasitic activity of 1,3-dioxolanes containing tellurium in <i>Trichomonas vaginalis</i> . <i>Biomedicine and Pharmacotherapy</i> , 2017 , 89, 284-287	7.5	15
67	Rational design, cognition and neuropathology evaluation of QTC-4-MeOBnE in a streptozotocin-induced mouse model of sporadic Alzheimer's disease. <i>Scientific Reports</i> , 2019 , 9, 7276	4.9	15
66	Antinociceptive Effect of Essential Oils and Their Constituents: an Update Review. <i>Journal of the Brazilian Chemical Society</i> , 2015 ,	1.5	15
65	Cadmium inhibits the ovary β -aminolevulinic acid dehydratase activity in vitro and ex vivo: protective role of seleno-furanoside. <i>Journal of Applied Toxicology</i> , 2013 , 33, 679-84	4.1	14
64	Toxicological investigation and antinociceptive property of potassium thiophene-3-trifluoroborate. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009 , 104, 448-54	3.1	14
63	Depression-like behavior, hyperglycemia, oxidative stress, and neuroinflammation presented in diabetic mice are reversed by the administration of 1-methyl-3-(phenylselenyl)-1H-indole. <i>Journal of Psychiatric Research</i> , 2020 , 120, 91-102	5.2	14
62	Contribution of dopaminergic and noradrenergic systems in the antinociceptive effect of β -(phenylalanyl) acetophenone. <i>Pharmacological Reports</i> , 2017 , 69, 871-877	3.9	13
61	Proteomic analysis identifies differentially expressed proteins after red propolis treatment in Hep-2 cells. <i>Food and Chemical Toxicology</i> , 2014 , 63, 195-204	4.7	13
60	Effects of Se-phenyl thiazolidine-4-carboselenoate on mechanical and thermal hyperalgesia in brachial plexus avulsion in mice: mediation by cannabinoid CB1 and CB2 receptors. <i>Brain Research</i> , 2012 , 1475, 31-6	3.7	13
59	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	3.9	12

58	Mechanisms involved in the antinociceptive effect caused by diphenyl diselenide in the formalin test. <i>Journal of Pharmacy and Pharmacology</i> , 2010 , 60, 1679-1686	4.8	12
57	1,1,2-Tris-organoselenide alkene derivatives, but not 1,2-bis-organoselenide alkene derivatives, inhibited delta-aminolevulinate dehydratase activity from human erythrocytic cells in vitro. <i>Toxicology in Vitro</i> , 2007 , 21, 387-91	3.6	12
56	Modulation of PKA, PKC, CAMKII, ERK 1/2 pathways is involved in the acute antidepressant-like effect of (octylseleno)-xylofuranoside (OSX) in mice. <i>Psychopharmacology</i> , 2017 , 234, 717-725	4.7	11
55	Antinociceptive and anti-inflammatory effects of 4-(arylchalcogenyl)-1H-pyrazoles containing selenium or sulfur. <i>Pharmacological Reports</i> , 2020 , 72, 36-46	3.9	11
54	Characterization of ATP and ADP hydrolysis activity in rat gastric mucosa. <i>Cell Biology International</i> , 2005 , 29, 559-66	4.5	11
53	Evaluation of the toxicity of α -(phenylselenanyl) acetophenone in mice. <i>Regulatory Toxicology and Pharmacology</i> , 2015 , 73, 868-74	3.4	9
52	Synthesis and Beckmann rearrangement of novel (Z)-2-organylselanyl ketoximes: promising agents against grapevine anthracnose infection. <i>Tetrahedron Letters</i> , 2016 , 57, 5575-5580	2	9
51	Hepatoprotective effect of bis(4-methylbenzoyl) diselenide against CCl ₄ -induced oxidative damage in mice. <i>Cell Biochemistry and Function</i> , 2013 , 31, 152-8	4.2	9
50	Disubstituted diaryl diselenides inhibit [3H]-serotonin uptake in rats. <i>Neurotoxicity Research</i> , 2009 , 15, 57-61	4.3	9
49	Synthesis of β -hydroxy- β -alkyl/aryl- β -organo-selenium and β -organo-tellurium: a new class of organochalcogen compounds with antinociceptive activity. <i>Tetrahedron Letters</i> , 2008 , 49, 3252-3256	2	9
48	Apoptosis induction by 7-chloroquinoline-1,2,3-triazoyl carboxamides in triple negative breast cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 91, 510-516	7.5	8
47	Synthesis, photophysics and biomolecule interactive studies of new hybrid benzo-2,1,3-thiadiazoles. <i>New Journal of Chemistry</i> , 2020 , 44, 2768-2780	3.6	7
46	Straightforward synthesis and antioxidant studies of chalcogenoaziridines. <i>Tetrahedron Letters</i> , 2016 , 57, 3501-3504	2	7
45	Synthesis, Antimicrobial, and Antioxidant Activities of Chalcogen-Containing Nitron Derivatives from (R)-citronellal. <i>Medicines (Basel, Switzerland)</i> , 2017 , 4,	4.1	7
44	Effect of a metabotropic glutamate receptor 5 antagonist, MPEP, on the nociceptive response induced by intrathecal injection of excitatory aminoacids, substance P, bradykinin or cytokines in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2008 , 90, 608-13	3.9	7
43	7-Chloroquinoline-1,2,3-triazoyl carboxamides induce cell cycle arrest and apoptosis in human bladder carcinoma cells. <i>Investigational New Drugs</i> , 2020 , 38, 1020-1030	4.3	7
42	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	5.9	7
41	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	3.4	7

40	The combination of Brazilian red propolis and recombinant protein rCP01850 in the immunoprophylaxis of <i>Corynebacterium pseudotuberculosis</i> infection in mice. <i>Microbial Pathogenesis</i> , 2020 , 149, 104354	3.8	6
39	Antidepressant-like effect of a selenopropargylic benzamide in mice: involvement of the serotonergic system. <i>Psychopharmacology</i> , 2020 , 237, 3149-3159	4.7	6
38	Synthesis, Molecular Docking, and Preliminary Evaluation of 2-(1,2,3-Triazolyl)benzaldehydes As Multifunctional Agents for the Treatment of Alzheimer's Disease. <i>ChemMedChem</i> , 2020 , 15, 610-622	3.7	6
37	Antinociceptive and anti-inflammatory effects of 1,2-bis-(4 methoxyphenylselanyl) styrene in mice: involvement of the serotonergic system. <i>Journal of Pharmacy and Pharmacology</i> , 2018 , 70, 901-909	4.8	6
36	Symmetrical and Unsymmetrical 4,7-Bis-arylvinyl-benzo-2,1,3-chalcogenodiazoles: Synthesis, Photophysical and Electrochemical Properties and Biomolecular Interaction Studies. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 348-361	3.2	6
35	Alkynylselenium-functionalized benzothiadiazoles: Synthesis, photophysics, electrochemistry, and biomolecular interaction studies. <i>Dyes and Pigments</i> , 2021 , 185, 108910	4.6	6
34	Effect of QTC-4-MeOBnE Treatment on Memory, Neurodegeneration, and Neurogenesis in a Streptozotocin-Induced Mouse Model of Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2021 , 12, 109-122	5.7	6
33	Evaluation of Se-phenyl-thiazolidine-4-carboselenoate protective activity against oxidative and behavioral stress in the maniac model induced by ouabain in male rats. <i>Neuroscience Letters</i> , 2017 , 651, 182-187	3.3	5
32	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	3.9	5
31	QTC-4-MeOBnE Rescues Scopolamine-Induced Memory Deficits in Mice by Targeting Oxidative Stress, Neuronal Plasticity, and Apoptosis. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 1259-1269	5.7	5
30	Antiparasitic activity of furanyl N-acylhydrazones against <i>Trichomonas vaginalis</i> : in vitro and in silico analyses. <i>Parasites and Vectors</i> , 2020 , 13, 59	4	5
29	Antioxidant and antifungal activities of the flowers[essential oil of <i>Tagetes minuta</i> , (Z)-tagetone and thiotagetone. <i>Journal of Essential Oil Research</i> , 2019 , 31, 160-169	2.3	5
28	Evaluation of antioxidant activity and toxicity of sulfur- or selenium-containing 4-(arylchalcogenyl)-1-pyrazoles. <i>Canadian Journal of Physiology and Pharmacology</i> , 2020 , 98, 441-448	2.4	4
27	A novel pyrazole-containing selenium compound modulates the oxidative and nitrenergic pathways to reverse the depression-pain syndrome in mice. <i>Brain Research</i> , 2020 , 1741, 146880	3.7	4
26	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	5	4
25	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	1.1	4
24	Synthesis of Alkylseleno-Carbohydrates and Evaluation of their Antioxidant Properties. <i>Journal of the Brazilian Chemical Society</i> , 2015 ,	1.5	3
23	Evaluation of the effect of synthetic compounds derived from azidothymidine on MDA-MB-231 type breast cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127365	2.9	3

22	Antioxidant compound (E)-2-benzylidene-4-phenyl-1,3-diselenole protects rats against thioacetamide-induced acute hepatotoxicity. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017 , 95, 1039-1045	2.4	3
21	7-Chloroquinoline-1,2,3-triazoyl Carboxylates: Organocatalytic Synthesis and Antioxidant Properties. <i>Journal of the Brazilian Chemical Society</i> , 2015 ,	1.5	3
20	Chrysin restores memory deficit in hypothyroidism mice: Behavioral, neurochemical and computational approaches involving the neurotrophinergic system. <i>Journal of Psychiatric Research</i> , 2021 , 144, 225-233	5.2	3
19	A greener protocol for the synthesis of phosphorochalcogenoates: Antioxidant and free radical scavenging activities. <i>European Journal of Medicinal Chemistry</i> , 2021 , 213, 113052	6.8	3
18	Mechanisms involved in the antinociceptive effect caused by diphenyl diselenide in the formalin test. <i>Journal of Pharmacy and Pharmacology</i> , 2008 , 60, 1679-86	4.8	3
17	Mechanisms involved in the antinociceptive and anti-inflammatory effects of bis selenide in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2009 , 61, 623-30	4.8	3
16	Computational and biological evidences on the serotonergic involvement of SeTACN antidepressant-like effect in mice. <i>PLoS ONE</i> , 2017 , 12, e0187445	3.7	2
15	Bis-triazolylchalcogenium-Functionalized Benzothiadiazole Derivatives as Light-up Sensors for DNA and BSA. <i>Journal of Organic Chemistry</i> , 2021 ,	4.2	2
14	Beneficial effects of QTC-4-MeOBnE in an LPS-induced mouse model of depression and cognitive impairments: The role of blood-brain barrier permeability, NF- κ B signaling, and microglial activation. <i>Brain, Behavior, and Immunity</i> , 2022 , 99, 177-191	16.6	2
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