# Lucielli Savegnago

## List of Publications by Year in Descending Order



| | | | |
|---|---|---|---|
| 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 | 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-B signaling, and microglial activation. *Brain, Behavior, and Immunity*, **2022**, 99, 177-191 | 16.6 | 2 |
| 146 | 1-(7-Chloroquinolin-4-yl)-N-(4-Methoxybenzyl)-5-Methyl-1H-1,2, 3-Triazole-4- carboxamide Reduces A Formation and Tau Phosphorylation in Cellular Models of Alzheimer's Disease.. *Neurochemical Research*, **2022**, 47, 1110 | 4.6 | 0 |
| 145 | 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 | 3.7 | 1 |
| 144 | Bis-triazolylchalcogenium-Functionalized Benzothiadiazole Derivatives as Light-up Sensors for DNA and BSA. *Journal of Organic Chemistry*, **2021**, | 4.2 | 2 |
| 143 | Selanzylimidazopyridine abolishes inflammation- and stress-induced depressive-like behaviors and decreases oxidonitrosative stress in the prefrontal cortex and hippocampus of mice. *European Journal of Pharmacology*, **2021**, 174570 | 5.3 | 1 |
| 142 | Chrysin restores memory deficit in hypothyroidism mice: Behavioral, neurochemical and computational approaches involving the neurotrophinergic system. *Journal of Psychiatric Research*, **2021**, 144, 225-233 | 5.2 | 3 |
| 141 | A new arylsulfanyl-benzo-2,1,3-thiadiazoles derivative produces an anti-amnesic effect in mice by modulating acetylcholinesterase activity. *Chemico-Biological Interactions*, **2021**, 351, 109736 | 5 | 2 |
| 140 | A greener protocol for the synthesis of phosphorochalcogenoates: Antioxidant and free radical scavenging activities. *European Journal of Medicinal Chemistry*, **2021**, 213, 113052 | 6.8 | 3 |
| 139 | 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 | 1.1 | 4 |
| 138 | A pyrazole-containing selenium compound modulates neuroendocrine, oxidative stress, and behavioral responses to acute restraint stress in mice. *Behavioural Brain Research*, **2021**, 396, 112874 | 3.4 | 7 |
| 137 | Alkynylselenium-functionalized benzothiadiazoles: Synthesis, photophysics, electrochemistry, and biomolecular interaction studies. *Dyes and Pigments*, **2021**, 185, 108910 | 4.6 | 6 |
| 136 | Effect of QTC-4-MeOBnE Treatment on Memory, Neurodegeneration, and Neurogenesis in a Streptozotocin-Induced Mouse Model of Alzheimer's Disease. *ACS Chemical Neuroscience*, **2021**, 12, 109-122 | 5.7 | 6 |
| 135 | Synthesis of 2?-(1,2,3-triazoyl)-acetophenones: molecular docking and inhibition of in vitro monoamine oxidase activity. *New Journal of Chemistry*, **2021**, 45, 714-724 | 3.6 | 1 |
| 134 | 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 | 4.6 | 1 |
| 133 | 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 | 10.2 | 2 |
| 132 | Protective effects of octylseleno-xylofuranoside in a streptozotocin-induced mouse model of Alzheimer's disease. *European Journal of Pharmacology*, **2021**, 910, 174499 | 5.3 | 1 |
| 131 | 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 | 3.9 | 5 |

| | | | |
|---|---|---|---|
| 130 | The combination of Brazilian red propolis and recombinant protein rCP01850 in the immunoprophylaxis of Corynebacterium pseudotuberculosis infection in mice. *Microbial Pathogenesis*, **2020**, 149, 104354 | 3.8 | 6 |
| 129 | QTC-4-MeOBnE Rescues Scopolamine-Induced Memory Deficits in Mice by Targeting Oxidative Stress, Neuronal Plasticity, and Apoptosis. *ACS Chemical Neuroscience*, **2020**, 11, 1259-1269 | 5.7 | 5 |
| 128 | Evaluation of antioxidant activity and toxicity of sulfur- or selenium-containing 4-(arylchalcogenyl)-1-pyrazoles. *Canadian Journal of Physiology and Pharmacology*, **2020**, 98, 441-448 | 2.4 | 4 |
| 127 | Evaluation of the effect of synthetic compounds derived from azidothymidine on MDA-MB-231 type breast cancer cells. *Bioorganic and Medicinal Chemistry Letters*, **2020**, 30, 127365 | 2.9 | 3 |
| 126 | Antidepressant-like effect of a selenopropargylic benzamide in mice: involvement of the serotonergic system. *Psychopharmacology*, **2020**, 237, 3149-3159 | 4.7 | 6 |
| 125 | Antiparasitic activity of furanyl N-acylhydrazone derivatives against Trichomonas vaginalis: in vitro and in silico analyses. *Parasites and Vectors*, **2020**, 13, 59 | 4 | 5 |
| 124 | Synthesis, photophysics and biomolecule interactive studies of new hybrid benzo-2,1,3-thiadiazoles. *New Journal of Chemistry*, **2020**, 44, 2768-2780 | 3.6 | 7 |
| 123 | Antinociceptive and anti-inflammatory effects of 4-(arylchalcogenyl)-1H-pyrazoles containing selenium or sulfur. *Pharmacological Reports*, **2020**, 72, 36-46 | 3.9 | 11 |
| 122 | Synthesis, Molecular Docking, and Preliminary Evaluation of 2-(1,2,3-Triazoyl)benzaldehydes As Multifunctional Agents for the Treatment of Alzheimer's Disease. *ChemMedChem*, **2020**, 15, 610-622 | 3.7 | 6 |
| 121 | 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 | 3.7 | 4 |
| 120 | 7-Chloroquinoline-1,2,3-triazoyl carboxamides induce cell cycle arrest and apoptosis in human bladder carcinoma cells. *Investigational New Drugs*, **2020**, 38, 1020-1030 | 4.3 | 7 |
| 119 | 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 | 5.2 | 14 |
| 118 | Toxicological evaluation of 3-(4-Chlorophenylselanyl)-1-methyl-1H-indole through the bovine oocyte in vitro maturation model. *Toxicology in Vitro*, **2020**, 62, 104678 | 3.6 | 2 |
| 117 | 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 | 16.6 | 17 |
| 116 | 2'-Hydroxychalcones as an alternative treatment for trichomoniasis in association with metronidazole. *Parasitology Research*, **2020**, 119, 725-736 | 2.4 | 2 |
| 115 | Symmetrical and Unsymmetrical 4,7-Bis-arylvinyl-benzo-2,1,3-chalcogenodiazoles: Synthesis, Photophysical and Electrochemical Properties and Biomolecular Interaction Studies. *European Journal of Organic Chemistry*, **2020**, 2020, 348-361 | 3.2 | 6 |
| 114 | 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 | 5 | 4 |
| 113 | Organocatalysis in the Synthesis of 1,2,3-Triazoyl-zidovudine Derivatives: Synthesis and Preliminary Antioxidant Activity. *ChemistrySelect*, **2020**, 5, 12255-12260 | 1.8 | 2 |

| | | | |
|---|---|---|---|
| 112 | Short- and Long-Term Repeated Forced Swim Stress Induce Depressive-Like Phenotype in Mice: Effectiveness of 3-[(4-Chlorophenyl)Selanyl]-1-Methyl-1H-Indole. *Frontiers in Behavioral Neuroscience*, **2020**, 14, 140 | 3.5 | 2 |
| 111 | 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 | 5.9 | 7 |
| 110 | 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 | 3.9 | 12 |
| 109 | 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 |
| 108 | Rational design, cognition and neuropathology evaluation of QTC-4-MeOBnE in a streptozotocin-induced mouse model of sporadic Alzheimer's disease. *Scientific Reports*, **2019**, 9, 7276 | 4.9 | 15 |
| 107 | 3-(4-Chlorophenylselanyl)-1-methyl-1H-indole promotes recovery of neuropathic pain and depressive-like behavior induced by partial constriction of the sciatic nerve in mice. *Journal of Trace Elements in Medicine and Biology*, **2019**, 54, 126-133 | 4.1 | 16 |
| 106 | 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 |
| 105 | Quinolines-1,2,3-triazolylcarboxamides exhibits antiparasitic activity in Trichomonas vaginalis. *Biotechnology Research and Innovation*, **2019**, 3, 265-274 | 10.1 | |
| 104 | Lipopolysaccharide-induced depressive-like, anxiogenic-like and hyperalgesic behavior is attenuated by acute administration of □(phenylselanyl) acetophenone in mice. *Neuropharmacology* , **2019**, 146, 128-137 | 5.5 | 16 |
| 103 | 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 | 4.7 | 31 |
| 102 | Antioxidant and antifungal activities of the flowers□essential oil of Tagetes minuta, (Z)-tagetone and thiotagetone. *Journal of Essential Oil Research*, **2019**, 31, 160-169 | 2.3 | 5 |
| 101 | 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 |
| 100 | Antinociceptive and anti-inflammatory effects of 1,2-bis-(4 methoxyphenylselanyl) styrene in mice: involvement of the serotonergic system. *Journal of Pharmacy and Pharmacology*, **2018**, 70, 901-909 | 4.8 | 6 |
| 99 | Selanylimidazopyridine Prevents Lipopolysaccharide-Induced Depressive-Like Behavior in Mice by Targeting Neurotrophins and Inflammatory/Oxidative Mediators. *Frontiers in Neuroscience*, **2018**, 12, 486 | 5.1 | 20 |
| 98 | □(phenylselanyl) acetophenone mitigates reserpine-induced pain-depression dyad: Behavioral, biochemical and molecular docking evidences. *Brain Research Bulletin*, **2018**, 142, 129-137 | 3.9 | 19 |
| 97 | □(phenylselanyl) acetophenone abolishes acute restraint stress induced-comorbid pain, depression and anxiety-related behaviors in mice. *Neurochemistry International*, **2018**, 120, 112-120 | 4.4 | 19 |
| 96 | Chemical composition, immunostimulatory, cytotoxic and antiparasitic activities of the essential oil from Brazilian red propolis. *PLoS ONE*, **2018**, 13, e0191797 | 3.7 | 25 |
| 95 | Convenient Michael addition/□elimination approach to the synthesis of 4-benzyl- and 4-aryl-selenyl coumarins using diselenides as selenium sources. *Tetrahedron Letters*, **2017**, 58, 985-990 | 2 | 18 |

| | | | |
|---|---|---|---|
| 94 | Antiparasitic activity of 1,3-dioxolanes containing tellurium in Trichomonas vaginalis. *Biomedicine and Pharmacotherapy*, **2017**, 89, 284-287 | 7.5 | 15 |
| 93 | Evaluation of Se-phenyl-thiazolidine-4-carboselenoate protective activity against oxidative and behavioral stress in the maniac model induced by ouabain in male rats. *Neuroscience Letters*, **2017**, 651, 182-187 | 3.3 | 5 |
| 92 | Antitumor activity of Brazilian red propolis fractions against Hep-2 cancer cell line. *Biomedicine and Pharmacotherapy*, **2017**, 91, 951-963 | 7.5 | 32 |
| 91 | Apoptosis induction by 7-chloroquinoline-1,2,3-triazoyl carboxamides in triple negative breast cancer cells. *Biomedicine and Pharmacotherapy*, **2017**, 91, 510-516 | 7.5 | 8 |
| 90 | Ultrasound-promoted copper-catalyzed synthesis of bis-arylselanyl chrysin derivatives with boosted antioxidant and anticancer activities. *Ultrasonics Sonochemistry*, **2017**, 39, 827-836 | 8.9 | 31 |
| 89 | Contribution of dopaminergic and noradrenergic systems in the antinociceptive effect of □(phenylalanyl) acetophenone. *Pharmacological Reports*, **2017**, 69, 871-877 | 3.9 | 13 |
| 88 | Modulation of PKA, PKC, CAMKII, ERK 1/2 pathways is involved in the acute antidepressant-like effect of (octylseleno)-xylofuranoside (OSX) in mice. *Psychopharmacology*, **2017**, 234, 717-725 | 4.7 | 11 |
| 87 | 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 | 7.8 | 35 |
| 86 | Computational and biological evidences on the serotonergic involvement of SeTACN antidepressant-like effect in mice. *PLoS ONE*, **2017**, 12, e0187445 | 3.7 | 2 |
| 85 | Ultrasound-Assisted Synthesis and Antioxidant Activity of 3-Selanyl-1 H-indole and 3-Selanylimidazo[1,2-a]pyridine Derivatives. *Asian Journal of Organic Chemistry*, **2017**, 6, 1635-1646 | 3 | 47 |
| 84 | Antioxidant compound (E)-2-benzylidene-4-phenyl-1,3-diselenole protects rats against thioacetamide-induced acute hepatotoxicity. *Canadian Journal of Physiology and Pharmacology*, **2017**, 95, 1039-1045 | 2.4 | 3 |
| 83 | 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 | 4.6 | 48 |
| 82 | Synthesis, Antimicrobial, and Antioxidant Activities of Chalcogen-Containing Nitrone Derivatives from (R)-citronellal. *Medicines (Basel, Switzerland)*, **2017**, 4, | 4.1 | 7 |
| 81 | Synthesis and Beckmann rearrangement of novel (Z)-2-organylselanyl ketoximes: promising agents against grapevine anthracnose infection. *Tetrahedron Letters*, **2016**, 57, 5575-5580 | 2 | 9 |
| 80 | Straightforward synthesis and antioxidant studies of chalcogenoaziridines. *Tetrahedron Letters*, **2016**, 57, 3501-3504 | 2 | 7 |
| 79 | Involvement of monoaminergic system in the antidepressant-like effect of (octylseleno)-xylofuranoside in the mouse tail suspension test. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2016**, 65, 201-7 | 5.5 | 35 |
| 78 | 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 |
| 77 | Meloxicam-loaded nanocapsules as an alternative to improve memory decline in an Alzheimer's disease model in mice: involvement of Na(+), K(+)-ATPase. *Metabolic Brain Disease*, **2016**, 31, 793-802 | 3.9 | 16 |

| | | | |
|---|---|---|---|
| 76 | 4-Phenylselenyl-7-chloroquinoline, a new quinoline derivative containing selenium, has potential antinociceptive and anti-inflammatory actions. *European Journal of Pharmacology*, **2016**, 780, 122-8 | 5.3 | 55 |
| 75 | Synthesis of Alkylseleno-Carbohydrates and Evaluation of their Antioxidant Properties. *Journal of the Brazilian Chemical Society*, **2015**, | 1.5 | 3 |
| 74 | Twice acting antioxidants: synthesis and antioxidant properties of selenium and sulfur-containing zingerone derivatives. *Tetrahedron Letters*, **2015**, 56, 2243-2246 | 2 | 23 |
| 73 | New thioureas based on thiazolidines with antioxidant potential. *Tetrahedron Letters*, **2015**, 56, 6674-6680 | 2 | 20 |
| 72 | Evaluation of the toxicity of (phenylselanyl) acetophenone in mice. *Regulatory Toxicology and Pharmacology*, **2015**, 73, 868-74 | 3.4 | 9 |
| 71 | Essential oil of Psidium cattleianum leaves: antioxidant and antifungal activity. *Pharmaceutical Biology*, **2015**, 53, 242-50 | 3.8 | 20 |
| 70 | 7-Chloroquinoline-1,2,3-triazoyl Carboxylates: Organocatalytic Synthesis and Antioxidant Properties. *Journal of the Brazilian Chemical Society*, **2015**, | 1.5 | 3 |
| 69 | Depressive-like behavior induced by tumor necrosis factor- is attenuated by m-trifluoromethyl-diphenyl diselenide in mice. *Journal of Psychiatric Research*, **2015**, 66-67, 75-83 | 5.2 | 36 |
| 68 | Synthesis, characterization and antioxidant activity of organoselenium and organotellurium compound derivatives of chrysin. *New Journal of Chemistry*, **2015**, 39, 3043-3050 | 3.6 | 39 |
| 67 | Antinociceptive and anti-hyperalgesic effects of bis(4-methylbenzoyl) diselenide in mice: evidence for the mechanism of action. *Pharmaceutical Biology*, **2015**, 53, 395-403 | 3.8 | 19 |
| 66 | Antinociceptive Effect of Essential Oils and Their Constituents: an Update Review. *Journal of the Brazilian Chemical Society*, **2015**, | 1.5 | 15 |
| 65 | Proteomic analysis identifies differentially expressed proteins after red propolis treatment in Hep-2 cells. *Food and Chemical Toxicology*, **2014**, 63, 195-204 | 4.7 | 13 |
| 64 | Antioxidant and antidepressant-like activities of semi-synthetic phenylseleno citronellal. *European Journal of Pharmacology*, **2014**, 742, 131-8 | 5.3 | 26 |
| 63 | Organocatalytic synthesis and evaluation of 7-chloroquinoline-1,2,3-triazoyl carboxamides as potential antinociceptive, anti-inflammatory and anticonvulsant agent. *RSC Advances*, **2014**, 4, 41437-41445 | 3.7 | 26 |
| 62 | Organochalcogen compounds from glycerol: synthesis of new antioxidants. *Bioorganic and Medicinal Chemistry*, **2014**, 22, 6242-9 | 3.4 | 26 |
| 61 | 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 |
| 60 | Organocatalytic Synthesis of (Arylselanyl)phenyl-1H-1,2,3-triazole-4-carboxamides by Cycloaddition between Azidophenyl Arylselenides and Oxo-amides. *European Journal of Organic Chemistry*, **2014**, 2014, 1059-1065 | 3.2 | 70 |
| 59 | Bioactivity and morphological changes of bacterial cells after exposure to 3-(p-chlorophenyl)thio citronellal. *LWT - Food Science and Technology*, **2014**, 59, 813-819 | 5.4 | 19 |

| | | | |
|---|---|---|---|
| 58 | Brazilian red propolis induces apoptosis-like cell death and decreases migration potential in bladder cancer cells. *Evidence-based Complementary and Alternative Medicine*, **2014**, 2014, 639856 | 2.3 | 40 |
| 57 | Antidepressant-like activity of dehydrozingerone: involvement of the serotonergic and noradrenergic systems. *Pharmacology Biochemistry and Behavior*, **2014**, 127, 111-7 | 3.9 | 19 |
| 56 | Cadmium inhibits the ovary δ-aminolevulinate dehydratase activity in vitro and ex vivo: protective role of seleno-furanoside. *Journal of Applied Toxicology*, **2013**, 33, 679-84 | 4.1 | 14 |
| 55 | Involvement of the dopaminergic and serotonergic systems in the antidepressant-like effect caused by 4-phenyl-1-(phenylselanylmethyl)-1,2,3-triazole. *Life Sciences*, **2013**, 93, 393-400 | 6.8 | 33 |
| 54 | Synthesis and antioxidant activity of new C-3 sulfenyl indoles. *Tetrahedron Letters*, **2013**, 54, 4926-4929 | 2 | 27 |
| 53 | Glycerol as a promoting and recyclable medium for catalyst-free synthesis of linear thioethers: new antioxidants from eugenol. *Green Chemistry Letters and Reviews*, **2013**, 6, 269-276 | 4.7 | 20 |
| 52 | Neuroprotective effect of physical exercise in a mouse model of Alzheimer's disease induced by β-amyloid peptide. *Neurotoxicity Research*, **2013**, 24, 148-63 | 4.3 | 60 |
| 51 | Synthesis and antioxidant properties of novel quinoline-chalcogenium compounds. *Tetrahedron Letters*, **2013**, 54, 40-44 | 2 | 71 |
| 50 | Antioxidant properties of (R)-Se-aryl thiazolidine-4-carboselenoate. *Chemico-Biological Interactions*, **2013**, 205, 100-7 | 5 | 21 |
| 49 | Involvement of serotoninergic 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 |
| 48 | Hepatoprotective effect of bis(4-methylbenzoyl) diselenide against CCl(4)-induced oxidative damage in mice. *Cell Biochemistry and Function*, **2013**, 31, 152-8 | 4.2 | 9 |
| 47 | Synthesis of novel selenium and tellurium-containing tetrazoles: a class of chalcogen compounds with antifungal activity. *Tetrahedron Letters*, **2012**, 53, 3091-3094 | 2 | 27 |
| 46 | In vitro antioxidant activity and in vivo antidepressant-like effect of β-(phenylselanyl) acetophenone in mice. *Pharmacology Biochemistry and Behavior*, **2012**, 102, 21-9 | 3.9 | 42 |
| 45 | Essential oil of the leaves of Eugenia uniflora L.: antioxidant and antimicrobial properties. *Food and Chemical Toxicology*, **2012**, 50, 2668-74 | 4.7 | 81 |
| 44 | Further analysis of the antimicrobial activity of β-phenylseleno citronellal and β-phenylseleno citronellol. *Food Control*, **2012**, 23, 95-99 | 6.2 | 25 |
| 43 | 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. *Brain Research*, **2012**, 1475, 31-6 | 3.7 | 13 |
| 42 | Selenium compounds in Click Chemistry: copper catalyzed 1,3-dipolar cycloaddition of azidomethyl arylselenides and alkynes. *Tetrahedron*, **2012**, 68, 10419-10425 | 2.4 | 20 |
| 41 | Synthesis of arylselanyl-1H-1,2,3-triazole-4-carboxylates by organocatalytic cycloaddition of azidophenyl arylselenides with β-keto-esters. *Tetrahedron*, **2012**, 68, 10456-10463 | 2.4 | 78 |

| | | | |
|---|---|---|---|
| 40 | Substituted diaryl diselenides: cytotoxic and apoptotic effect in human colon adenocarcinoma cells. *Life Sciences*, **2012**, 91, 345-52 | 6.8 | 39 |
| 39 | Glycerol as a recyclable solvent for copper-catalyzed cross-coupling reactions of diaryl diselenides with aryl boronic acids. *Green Chemistry*, **2012**, 14, 1030 | 10 | 91 |
| 38 | Antinociceptive and anti-hypernociceptive effects of Se-phenyl thiazolidine-4-carboselenoate in mice. *European Journal of Pharmacology*, **2011**, 668, 169-76 | 5.3 | 33 |
| 37 | Synthesis of 1-H-1,5-benzodiazepines derivatives using SiO2/ZnCl2. *Heteroatom Chemistry*, **2011**, 22, 180-185 | 1.2 | 17 |
| 36 | Synthesis of (Z)-organylthioenynes using KF/Al2O3/solvent as recyclable system. *Tetrahedron Letters*, **2011**, 52, 133-135 | 2 | 23 |
| 35 | Mechanisms involved in the antinociceptive effect caused by diphenyl diselenide in the formalin test. *Journal of Pharmacy and Pharmacology*, **2010**, 60, 1679-1686 | 4.8 | 12 |
| 34 | Mechanisms involved in the antinociceptive and anti-inflammatory effects of bis selenide in mice. *Journal of Pharmacy and Pharmacology*, **2010**, 61, 623-630 | 4.8 | 17 |
| 33 | Green, catalyst-free thioacetalization of carbonyl compounds using glycerol as recyclable solvent. *Tetrahedron Letters*, **2010**, 51, 4354-4356 | 2 | 48 |
| 32 | 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 |
| 31 | Antinociceptive and anti-allodynic effects of 3-alkynyl selenophene on different models of nociception in mice. *Pharmacology Biochemistry and Behavior*, **2009**, 93, 419-25 | 3.9 | 47 |
| 30 | Hepatoprotective effect of 3-alkynyl selenophene on acute liver injury induced by D-galactosamine and lipopolysaccharide. *Experimental and Molecular Pathology*, **2009**, 87, 20-6 | 4.4 | 50 |
| 29 | Introduction of trifluoromethyl group into diphenyl diselenide molecule alters its toxicity and protective effect against damage induced by 2-nitropropane in rats. *Experimental and Toxicologic Pathology*, **2009**, 61, 197-203 | | 17 |
| 28 | Selective blockade of mGlu5 metabotropic glutamate receptors is hepatoprotective against fulminant hepatic failure induced by lipopolysaccharide and D-galactosamine in mice. *Journal of Applied Toxicology*, **2009**, 29, 323-9 | 4.1 | 16 |
| 27 | Disubstituted diaryl diselenides inhibit [3H]-serotonin uptake in rats. *Neurotoxicity Research*, **2009**, 15, 57-61 | 4.3 | 9 |
| 26 | Toxicological investigation and antinociceptive property of potassium thiophene-3-trifluoroborate. *Basic and Clinical Pharmacology and Toxicology*, **2009**, 104, 448-54 | 3.1 | 14 |
| 25 | Anticonvulsant and antioxidant effects of 3-alkynyl selenophene in 21-day-old rats on pilocarpine model of seizures. *Brain Research Bulletin*, **2009**, 79, 281-7 | 3.9 | 56 |
| 24 | Structural modifications into diphenyl diselenide molecule do not cause toxicity in mice. *Environmental Toxicology and Pharmacology*, **2009**, 27, 271-6 | 5.8 | 25 |
| 23 | Mechanisms involved in the antinociceptive and anti-inflammatory effects of bis selenide in mice. *Journal of Pharmacy and Pharmacology*, **2009**, 61, 623-30 | 4.8 | 3 |

| | | | |
|---|---|---|---|
| 22 | Neuroprotective effect caused by MPEP, an antagonist of metabotropic glutamate receptor mGluR5, on seizures induced by pilocarpine in 21-day-old rats. *Brain Research*, **2008**, 1198, 197-203 | 3.7 | 19 |
| 21 | Spinal mechanisms of antinociceptive effect caused by oral administration of bis-selenide in mice. *Brain Research*, **2008**, 1231, 25-33 | 3.7 | 21 |
| 20 | 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. *Pharmacology Biochemistry and Behavior*, **2008**, 88, 418-26 | 3.9 | 67 |
| 19 | 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. *Pharmacology Biochemistry and Behavior*, **2008**, 88, 487-96 | 3.9 | 21 |
| 18 | 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. *Pharmacology Biochemistry and Behavior*, **2008**, 90, 608-13 | 3.9 | 7 |
| 17 | Caffeine and a selective adenosine A(2B) receptor antagonist but not imidazoline receptor antagonists modulate antinociception induced by diphenyl diselenide in mice. *Neuroscience Letters*, **2008**, 436, 120-3 | 3.3 | 16 |
| 16 | Involvement of L-arginine-nitric oxide-cyclic guanosine monophosphate pathway in the antidepressant-like effect of tramadol in the rat forced swimming test. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2008**, 32, 1838-43 | 5.5 | 66 |
| 15 | Synthesis of β-hydroxy-β-alkyl/aryl-β-organo-selenium and β-organo-tellurium: a new class of organochalcogen compounds with antinociceptive activity. *Tetrahedron Letters*, **2008**, 49, 3252-3256 | 2 | 9 |
| 14 | Mechanisms involved in the antinociceptive effect caused by diphenyl diselenide in the formalin test. *Journal of Pharmacy and Pharmacology*, **2008**, 60, 1679-86 | 4.8 | 3 |
| 13 | Spinal mechanisms of antinociceptive action caused by diphenyl diselenide. *Brain Research*, **2007**, 1162, 32-7 | 3.7 | 19 |
| 12 | Diphenyl diselenide attenuates acute thermal hyperalgesia and persistent inflammatory and neuropathic pain behavior in mice. *Brain Research*, **2007**, 1175, 54-9 | 3.7 | 40 |
| 11 | Antinociceptive properties of diphenyl diselenide: evidences for the mechanism of action. *European Journal of Pharmacology*, **2007**, 555, 129-38 | 5.3 | 101 |
| 10 | 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. *Toxicology in Vitro*, **2007**, 21, 387-91 | 3.6 | 12 |
| 9 | Monoaminergic agents modulate antidepressant-like effect caused by diphenyl diselenide in rats. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2007**, 31, 1261-9 | 5.5 | 65 |
| 8 | Role of nitric oxide/cyclic GMP/K(+) channel pathways in the antinociceptive effect caused by 2,3-bis(mesitylseleno)propenol. *Life Sciences*, **2007**, 81, 1694-702 | 6.8 | 32 |
| 7 | Bis selenide alkene derivatives: A class of potential antioxidant and antinociceptive agents. *Pharmacology Biochemistry and Behavior*, **2006**, 83, 221-9 | 3.9 | 46 |
| 6 | Palladium-catalyzed Suzuki cross-coupling of 2-haloselenophenes: synthesis of 2-arylselenophenes, 2,5-diarylselenophenes, and 2-arylselenophenyl ketones. *Journal of Organic Chemistry*, **2006**, 71, 3786-92 | 4.2 | 55 |
| 5 | Antisecretory and antiulcer effects of diphenyl diselenide. *Environmental Toxicology and Pharmacology*, **2006**, 21, 86-92 | 5.8 | 65 |

| | | | |
|---|---|---|---|
| 4 | Evaluation of antioxidant activity and potential toxicity of 1-buthyltelurenyl-2-methylthioheptene. *Life Sciences*, **2006**, 79, 1546-52 | 6.8 | 29 |
| 3 | Dihydropyrimidin-(2H)-ones obtained by ultrasound irradiation: a new class of potential antioxidant agents. *European Journal of Medicinal Chemistry*, **2006**, 41, 513-8 | 6.8 | 114 |
| 2 | Characterization of ATP and ADP hydrolysis activity in rat gastric mucosa. *Cell Biology International*, **2005**, 29, 559-66 | 4.5 | 11 |
| 1 | High sucrose consumption potentiates the sub-acute cadmium effect on Na+/K+ -ATPase but not on delta-aminolevulinate dehydratase in mice. *Toxicology Letters*, **2004**, 153, 333-41 | 4.4 | 22 |