

Gilson Zeni

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

268
papers

11,134
citations

46
h-index

93
g-index

344
ext. papers

11,927
ext. citations

5.2
avg, IF

6.59
L-index

#	Paper	IF	Citations
268	Development of a nanotechnological-based hydrogel containing a novel benzofuroazepine compound in association with vitamin E: An in vitro biological safety and photoprotective hydrogel. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 199, 111555	6	3
267	Potassium tert-Butoxide-Catalyzed Synthesis of β -Methylene- β -Lactams from Propiolamides. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 2180-2187	3.2	2
266	Recent Developments in the Cyclization of Alkynes and Nitrogen Compounds for the Synthesis of Indole Derivatives. <i>Asian Journal of Organic Chemistry</i> , 2021 , 10, 1282-1318	3	5
265	Diphenyl diselenide alone and in combination with itraconazole against <i>Sporothrix schenckii</i> s.str. and <i>Sporothrix globosa</i> . <i>Brazilian Journal of Microbiology</i> , 2021 , 52, 1271-1274	2.2	0
264	Cooperative action between Iron(III) chloride and diorganyl dichalcogenides for the cyclization of N-(ortho-Alkynyl)aryl-pyrroles. <i>Tetrahedron</i> , 2021 , 90, 132188	2.4	1
263	Synergism of Nikkomycin Z in Combination with Diphenyl Diselenide Against <i>Sporothrix</i> spp. <i>Current Microbiology</i> , 2021 , 78, 2905-2909	2.4	0
262	Diorganyl Diselenides and Iron(III) Chloride Drive the Regio- and Stereoselectivity in the Selenation of Ynamides. <i>Journal of Organic Chemistry</i> , 2021 , 86, 980-994	4.2	9
261	Transition Metal-Free Synthesis of Carbo- and Heterocycles via Reaction of Alkynes with Organylchalcogenides. <i>Chemical Record</i> , 2021 , 21, 2880-2895	6.6	2
260	Synthesis of indoles from alkynes and a nitrogen source under metal-free conditions. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 4906-4915	3.9	10
259	Transition Metal-Catalyzed and Metal-Free Cyclization Reactions of Alkynes with Nitrogen-Containing Substrates: Synthesis of Pyrrole Derivatives. <i>ChemCatChem</i> , 2020 , 12, 3335-3408	5.2	16
258	Dopaminergic system contribution to the antidepressant-like effect of 3-phenyl-4-(phenylseleno) isoquinoline in mice. <i>Behavioural Brain Research</i> , 2020 , 386, 112602	3.4	4
257	Frontispiece: Alkynes and Nitrogen Compounds: Useful Substrates for the Synthesis of Pyrazoles. <i>Chemistry - A European Journal</i> , 2020 , 26,	4.8	1
256	Alkynes and Nitrogen Compounds: Useful Substrates for the Synthesis of Pyrazoles. <i>Chemistry - A European Journal</i> , 2020 , 26, 8175-8189	4.8	23
255	A decade of advances in the reaction of nitrogen sources and alkynes for the synthesis of triazoles. <i>Coordination Chemistry Reviews</i> , 2020 , 409, 213217	23.2	25
254	Synthesis of Selenochromenes via Dehydration of Arylalkynols Promoted by Iron(III) Chloride and Diorganyl Diselenides. <i>Journal of Organic Chemistry</i> , 2020 , 85, 7349-7357	4.2	2
253	m-Trifluoromethyl-diphenyl diselenide (m-CF-PhSe) modulates the hippocampal neurotoxic adaptations and abolishes a depressive-like phenotype in a short-term morphine withdrawal in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020 , 98, 109803	5.5	10
252	Synthesis of 3-Substituted Chalcogenophene-Fused Indoles from 2-Alkynylindoles. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 585-593	5.6	7

251	Recent advances in the synthesis of indoles from alkynes and nitrogen sources. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 155-210	5.2	61
250	Iron-Mediated Cyclization of 1,3-Diynyl Propargyl Aryl Ethers with Dibutyl Diselenide: Synthesis of Selenophene-Fused Chromenes. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 1096-1105	5.6	9
249	Ten years of progress in the synthesis of six-membered N-heterocycles from alkynes and nitrogen sources. <i>Tetrahedron</i> , 2020 , 76, 130876	2.4	15
248	Selenium-promoted electrophilic cyclization of arylpropiolamides: synthesis of 3-organoselenyl spiro[4,5]trienones. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 3544-3551	3.9	12
247	Diphenyl diselenide and its interaction with antifungals against <i>Aspergillus</i> spp. <i>Medical Mycology</i> , 2020 ,	3.9	6
246	Synthesis of 3-(Organochalcogen) Chalcogenazolo Indoles via Cascade Cyclization of N-Alkynylindoles. <i>Journal of Organic Chemistry</i> , 2019 , 84, 2891-2900	4.2	18
245	Stereoselective Synthesis of Z-Vinyl Selenides Through the Reaction of Sodium Selenide with Organic Halides and Alkynes. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 3794-3798	3.2	
244	In vitro activity of diphenyl diselenide and ebselen alone and in combination with antifungal agents against <i>Trichosporon asahii</i> . <i>Mycoses</i> , 2019 , 62, 428-433	5.2	14
243	Cyclization of Thiopropargyl Benzimidazoles by Combining Iron(III) Chloride and Diorganyl Diselenides. <i>Journal of Organic Chemistry</i> , 2019 , 84, 14113-14126	4.2	12
242	Iron(III) Chloride/Dialkyl Diselenides-Promoted Cascade Cyclization of ortho-Diynyl Benzyl Chalcogenides. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 1866-1873	5.6	14
241	Iron(III)-Promoted Synthesis of 3-(Organoselanyl)-1,2-Dihydroquinolines from Diorganyl Diselenides and N-Arylpropargylamines by Sequential Carbon-Carbon and Carbon-Selenium Bond Formation. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 96-104	5.6	20
240	Ebselen inhibits the activity of acetylcholinesterase globular isoform G4 in vitro and attenuates scopolamine-induced amnesia in mice. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 5598-5608	4.7	18
239	Formation of Alkenes by Metal-promoted Coupling Reactions 2018 , 1-73		
238	Pattern differences between newborn and adult rats in cisplatin-induced hepatorenal toxicity. <i>Chemico-Biological Interactions</i> , 2018 , 294, 65-73	5	3
237	Neuroprotective Benefits of Aerobic Exercise and Organoselenium Dietary Supplementation in Hippocampus of Old Rats. <i>Molecular Neurobiology</i> , 2018 , 55, 3832-3840	6.2	10
236	Antimicrobial Effect of 2-Phenylethynyl-Butyltellurium in and Its Association with Oxidative Stress. <i>Journal of Microbiology and Biotechnology</i> , 2018 , 28, 1209-1216	3.3	8
235	7-Fluoro-1,3-diphenylisoquinoline reverses motor and non-motor symptoms induced by MPTP in mice: Role of striatal neuroinflammation. <i>European Journal of Pharmacology</i> , 2018 , 819, 129-135	5.3	9
234	Synthesis and anticholinesterase activity of 2-substituted-N-alkynylindoles. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 7926-7934	3.9	5

233	Electrophilic Cyclization Involving Carbon-Selenium/Carbon-Halide Bond Formation: Synthesis of 3-Substituted Selenophenes. <i>Journal of Organic Chemistry</i> , 2018 , 83, 6706-6718	4.2	24
232	7-Fluoro-1,3-diphenylisoquinoline-1-amine reverses the reduction in self-care behavior induced by maternal separation stress in rats by modulating glutamatergic/GABAergic systems. <i>Journal of Psychiatric Research</i> , 2017 , 89, 28-37	5.2	7
231	p,p'-Methoxyl-diphenyl diselenide elicits an antidepressant-like effect in mice without discontinuation anxiety phenotype. <i>Pharmacology Biochemistry and Behavior</i> , 2017 , 154, 31-38	3.9	13
230	Sequential Carbon-Carbon/Carbon-Selenium Bond Formation Mediated by Iron(III) Chloride and Diorganyl Diselenides: Synthesis and Reactivity of 2-Organoselenyl-Naphthalenes. <i>Journal of Organic Chemistry</i> , 2017 , 82, 2713-2723	4.2	44
229	Iodine-mediated regioselective 5-endo-dig electrophilic cyclization reaction of selenoenynes: synthesis of selenophene derivatives. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 277-282	5.2	15
228	Copper-Catalyzed Carbon-Nitrogen/Carbon-Selenium Bonds Formation: Synthesis of 2-(Organochalcogenyl)-indolizines. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 1901-1911	5.6	25
227	Selective inhibition of MAO-A activity results in an antidepressant-like action of 2-benzoyl 4-iodoselenophene in mice. <i>Physiology and Behavior</i> , 2017 , 170, 100-105	3.5	12
226	Copper/Palladium-Catalyzed Cyclization/Cross-Coupling Cascade Reaction of 2-gem-Dibromovinyl Aryl Selenides: Synthesis of 2-Substituted Benzo[b]selenophenes. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 4208-4216	5.6	14
225	Antioxidant effect of quinoline derivatives containing or not selenium: Relationship with antinociceptive action quinolines are antioxidant and antinociceptive. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017 , 89, 457-467	1.4	13
224	Brain-derived neurotrophic factor signaling plays a role in resilience to stress promoted by isoquinoline in defeated mice. <i>Journal of Psychiatric Research</i> , 2017 , 94, 78-87	5.2	8
223	Sulfhydryl-Based Inhibition of α -ALA-D and Na ⁺ , K ⁺ -ATPase Activities Depends on the Organoselenium Group Bonded to the Isoquinoline. <i>Journal of Cellular Biochemistry</i> , 2017 , 118, 1144-1150	4.7	2
222	A diphenyl diselenide-supplemented diet and swimming exercise promote neuroprotection, reduced cell apoptosis and glial cell activation in the hypothalamus of old rats. <i>Experimental Gerontology</i> , 2016 , 82, 1-7	4.5	20
221	(Biphenyl-2-alkyne) derivatives as common precursors for the synthesis of 9-iodo-10-organochalcogen-phenanthrenes and 9-organochalcogen-phenanthrenes. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 10415-10426	3.9	22
220	Iron-Promoted Tandem Cyclization of 1,3-Diynyl Chalcogen Derivatives with Diorganyl Dichalcogenides for the Synthesis of Benzo[b]furan-Fused Selenophenes. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 3572-3585	5.6	38
219	Pain-depression dyad induced by reserpine is relieved by p,p'-methoxyl-diphenyl diselenide in rats. <i>European Journal of Pharmacology</i> , 2016 , 791, 794-802	5.3	13
218	Antifungal activities of diphenyl diselenide and ebselen alone and in combination with antifungal agents against <i>Fusarium</i> spp. <i>Medical Mycology</i> , 2016 , 54, 550-5	3.9	26
217	Iron(III) Chloride and Diorganyl Diselenide-Promoted Nucleophilic Closures of 1-Benzyl-2-alkynylbenzenes in the Preparation of 9-(Organoselenyl)-5H-benzo[7]annulenes. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 1119-1129	5.6	20
216	p-Chloro-diphenyl diselenide reverses memory impairment-related to stress caused by corticosterone and modulates hippocampal [(3)H]glutamate uptake in mice. <i>Physiology and Behavior</i> , 2016 , 164, 25-33	3.5	12

215	4-Organoseleno-Isoquinolines Selectively and Reversibly Inhibit the Cerebral Monoamine Oxidase B Activity. <i>Journal of Molecular Neuroscience</i> , 2016 , 59, 135-45	3.3	11
214	A novel isoquinoline compound abolishes chronic unpredictable mild stress-induced depressive-like behavior in mice. <i>Behavioural Brain Research</i> , 2016 , 307, 73-83	3.4	25
213	Contribution of NMDA, GABAA and GABAB receptors and l-arginine-NO-cGMP, MEK1/2 and CaMK-II pathways in the antidepressant-like effect of 7-fluoro-1,3-diphenylisoquinoline-1-amine in mice. <i>European Journal of Pharmacology</i> , 2016 , 782, 6-13	5.3	12
212	The intramolecular 5-exo, 7-endo-dig transition metal-free cyclization sequence of (2-alkynylphenyl) benzyl ethers: synthesis of seven-membered fused benzo[b]furans. <i>Green Chemistry</i> , 2016 , 18, 6648-6658	10	3
211	Nucleophilic Cyclization of α -Alkynylbenzamides Promoted by Iron(III) Chloride and Diorganyl Dichalcogenides: Synthesis of 4-Organochalcogenyl-1H-isochromen-1-imines. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 1583-1590	3.2	23
210	Iron-Catalyzed Cyclization of Alkynols with Diorganyl Diselenides: Synthesis of 2,5-Dihydrofuran, 3,6-Dihydro-2H-pyran, and 2,5-Dihydro-1H-pyrrole Organoselenyl Derivatives. <i>Journal of Organic Chemistry</i> , 2015 , 80, 7702-12	4.2	44
209	7-Fluoro-1,3-diphenylisoquinoline-1-amine abolishes depressive-like behavior and prefrontal cortical oxidative damage induced by acute restraint stress in mice. <i>Physiology and Behavior</i> , 2015 , 149, 294-302	3.5	17
208	Synthesis of Chalcogenophenes via Cyclization of 1,3-Diynes Promoted by Iron(III) Chloride and Dialkyl Dichalcogenides. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 1221-1228	5.6	29
207	Potassium tert-Butoxide-Catalyzed Synthesis of Benzofuroazepines via Cyclization of (2-Alkynylbenzyl)oxy Nitriles. <i>Journal of Organic Chemistry</i> , 2015 , 80, 10278-87	4.2	11
206	Application of organoselenides in the Suzuki, Negishi, Sonogashira and Kumada cross-coupling reactions. <i>Chemical Communications</i> , 2015 , 51, 15522-5	5.8	33
205	Diorganyl Dichalcogenides-Promoted Nucleophilic Closure of 1,4-Diyn-3-ols: Synthesis of 2-Benzoyl Chalcogenophenes. <i>Journal of Organic Chemistry</i> , 2015 , 80, 12470-81	4.2	19
204	Effectiveness of (PhSe) ₂ in protect against the HgCl ₂ toxicity. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015 , 29, 255-62	4.1	15
203	Involvement of the serotonergic system in the anxiolytic-like effect of 2-phenylethynyl butyltellurium in mice. <i>Behavioural Brain Research</i> , 2015 , 277, 221-7	3.4	8
202	Swimming exercise and diphenyl diselenide-supplemented diet affect the serum levels of pro- and anti-inflammatory cytokines differently depending on the age of rats. <i>Cytokine</i> , 2015 , 71, 119-23	4	29
201	Expedient Iodocyclization Approach Toward Polysubstituted 3H-Benzo[e]indoles. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 3255-3261	5.6	21
200	Synthesis of 3-Organoseleno-Substituted Quinolines through Cyclization of 2-[Amino]phenylprop-1-yn-3-ols Promoted by Iron(III) Chloride with Diorganyl Diselenides. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 5640-5648	3.2	16
199	Synthesis of 2-Acylselenophenes via Iodine-Promoted Nucleophilic Cyclization of [2-(Butylselenyl)phenyl]-propynols. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 3655-3665	5.6	15
198	Synthesis of Naphthofurans by tBuOK-Catalyzed Intramolecular Anionic Cycloaddition of Unsymmetrical Bis-propargyl Ethers. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 6924-6931	3.2	4

197	Production and characterization of diphenyl ditelluride-loaded nanocapsules: validation using an analytical method. <i>Analytical Methods</i> , 2015 , 7, 10409-10413	3.2	
196	Inhibitory effect of ebselen on cerebral acetylcholinesterase activity in vitro: kinetics and reversibility of inhibition. <i>Current Pharmaceutical Design</i> , 2015 , 21, 920-4	3.3	23
195	Moderate swimming exercise and caffeine supplementation reduce the levels of inflammatory cytokines without causing oxidative stress in tissues of middle-aged rats. <i>Amino Acids</i> , 2014 , 46, 1187-95	3.5	26
194	Base-mediated intramolecular cyclization of (2-propargyl ether) arylimines: an approach to 3-amino-benzofurans. <i>Tetrahedron</i> , 2014 , 70, 3751-3756	2.4	6
193	Iron(III) chloride and diorganyl diselenides-mediated 6-endo-dig cyclization of arylpropiolates and arylpropiolamides leading to 3-organoselenyl-2H-coumarins and 3-organoselenyl-quinolinones. <i>Journal of Organic Chemistry</i> , 2014 , 79, 10526-36	4.2	69
192	The impact of a diphenyl diselenide-supplemented diet and aerobic exercise on memory of middle-aged rats. <i>Physiology and Behavior</i> , 2014 , 135, 125-9	3.5	10
191	Synthesis of pyridazinones through the copper(I)-catalyzed multicomponent reaction of aldehydes, hydrazines, and alkynylesters. <i>Chemistry - A European Journal</i> , 2014 , 20, 12663-8	4.8	13
190	Diphenyl diselenide-supplemented diet and swimming exercise enhance novel object recognition memory in old rats. <i>Age</i> , 2014 , 36, 9666		22
189	K ₂ CO ₃ -mediated, direct C-H bond selenation and thiolation of 1,3,4-oxadiazoles in the absence of metal catalyst: an eco-friendly approach. <i>RSC Advances</i> , 2014 , 4, 51648-51652	3.7	30
188	Caffeine suppresses exercise-enhanced long-term and location memory in middle-aged rats: Involvement of hippocampal Akt and CREB signaling. <i>Chemico-Biological Interactions</i> , 2014 , 223, 95-101	5	8
187	An organoselenium compound improves behavioral, endocrinal and neurochemical changes induced by corticosterone in mice. <i>Psychopharmacology</i> , 2014 , 231, 2119-30	4.7	19
186	ERK1/2 phosphorylation is involved in the antidepressant-like action of 2,5-diphenyl-3-(4-fluorophenylseleno)-selenophene in mice. <i>European Journal of Pharmacology</i> , 2014 , 736, 44-54	5.3	8
185	Addition of butoxycarbonyl group to phenylalanine derived chalcogenide increases the toxic potential: importance of non-bonding nitrogen interaction. <i>Chemico-Biological Interactions</i> , 2014 , 207, 24-5	5	2
184	Synthesis of pharmacologically active 1-amino-isoquinolines prepared via silver triflate-catalyzed cyclization of o-alkynylbenzaldoximes with isocyanates. <i>European Journal of Pharmaceutical Sciences</i> , 2014 , 51, 196-203	5.1	17
183	The antidepressant-like effect of 7-fluoro-1,3-diphenylisoquinoline-1-amine in the mouse forced swimming test is mediated by serotonergic and dopaminergic systems. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014 , 54, 179-86	5.5	34
182	Iron(III) Chloride/Diorganyl Diselenides Promoted Regio- and Stereoselective Cyclization of ortho-Alkynylanilides: Synthesis of (Z)-4-(chalcogen)methylenebenzoxazines. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 501-508	5.6	29
181	Depression-related behavior and mechanical allodynia are blocked by 3-(4-fluorophenylselenyl)-2,5-diphenylselenophene in a mouse model of neuropathic pain induced by partial sciatic nerve ligation. <i>Neuropharmacology</i> , 2014 , 79, 580-9	5.5	34
180	Caffeine and diphenyl diselenide improve long-term memory impaired in middle-aged rats. <i>Experimental Gerontology</i> , 2014 , 53, 67-73	4.5	11

179	Physicochemical and biochemical profiling of diphenyl diselenide. <i>Applied Biochemistry and Biotechnology</i> , 2013 , 169, 885-93	3.2	16
178	Copper Oxide Nanoparticle-Catalyzed Chalcogenation of the Carbon-Hydrogen Bond in Thiazoles: Synthesis of 2-(Organochalcogen)thiazoles. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 2960-2966	5.6	56
177	An in vivo insight to the toxicological profile of various organotellurides. <i>Environmental Toxicology and Pharmacology</i> , 2013 , 36, 813-8	5.8	2
176	Cyclization of homopropargyl chalcogenides by copper(II) salts: selective synthesis of 2,3-dihydroselenophenes, 3-arylselenophenes, and 3-haloselenophenes/thiophenes. <i>Chemistry - A European Journal</i> , 2013 , 19, 13059-64	4.8	25
175	Potassium tert-butoxide promoted annulation of 2-alkynylphenyl propargyl ethers: selective synthesis of benzofuran and 12H-benzoannulene derivatives. <i>Journal of Organic Chemistry</i> , 2013 , 78, 11017-31	4.2	20
174	Bis-vinyl selenides obtained via iron(III) catalyzed addition of PhSeSePh to alkynes: synthesis and antinociceptive activity. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 1199-208	3.9	33
173	FeCl ₃ -diorganyl dichalcogenides promoted cyclization of 2-organochalcogen-3-alkynylthiophenes: synthesis of chalcogenophene[2,3-b]thiophenes. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 2972-8	3.9	14
172	Electrophilic Cyclization of N-Alkynyl-2-(organochalcogen)imidazoles: An Alternative Access to Imidazo[2,1-b]chalcogenazoles. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 2646-2652	3.2	7
171	Iron(III) chloride/diorganyl diselenides: a tool for intramolecular cyclization of alkynone O-methyloximes. <i>Journal of Organic Chemistry</i> , 2013 , 78, 1630-7	4.2	50
170	Cognitive effects of diphenyl diselenide and estradiol treatments in ovariectomized mice. <i>Neurobiology of Learning and Memory</i> , 2013 , 99, 17-24	3.1	7
169	2,2'-Dithienyl diselenide, an organoselenium compound, elicits antioxidant action and inhibits monoamine oxidase activity in vitro. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013 , 28, 677-84	5.6	22
168	Phenylethynyl-butyltellurium inhibits the sulfhydryl enzyme Na ⁺ , K ⁺ -ATPase: an effect dependent on the tellurium atom. <i>Biological Trace Element Research</i> , 2013 , 155, 261-6	4.5	2
167	Application of FeCl ₃ /Diorganyl Diselenides to Cyclization of o-Alkynyl Anilines: Synthesis of 3-Organoselenyl-(N-methyl)indoles. <i>Synlett</i> , 2013 , 24, 1125-1132	2.2	14
166	Molecular effects of diphenyl diselenide on cholesterol and glucose cell metabolism. <i>Current Medicinal Chemistry</i> , 2013 , 20, 4426-34	4.3	14
165	Diphenyl diselenide in vitro and in vivo activity against the oomycete <i>Pythium insidiosum</i> . <i>Veterinary Microbiology</i> , 2012 , 156, 222-6	3.3	22
164	Regioselective formation of tetrahydroselenophenes via 5-exo-dig-cyclization of 1-butylseleno-4-alkynes. <i>Organic Letters</i> , 2012 , 14, 6072-5	6.2	28
163	Synthesis and antidepressant-like activity of selenophenes obtained via iron(III)-PhSeSePh-mediated cyclization of Z-selenoenynes. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 798-807	3.9	44
162	In vitro metabolism of diphenyl diselenide in rat liver fractions. Conjugation with GSH and binding to thiol groups. <i>Chemico-Biological Interactions</i> , 2012 , 200, 65-72	5	20

161	The antidepressant-like action of a simple selenium-containing molecule, methyl phenyl selenide, in mice. <i>European Journal of Pharmacology</i> , 2012 , 690, 119-23	5.3	21
160	Chalcogenoalkynes: Precursors for the Regioselective Preparation of 2-Chalcogeno-1-halonaphthalenes through [4+2] Cycloaddition. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 4574-4579	3.2	10
159	Three-Step One-Pot Synthesis of Imidazo[2,1-b]chalcogenazoles via Intramolecular Cyclization of N-Alkynylimidazoles. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 1791-1796	5.6	10
158	Application of copper(I) iodide/diorganoyl dichalcogenides to the synthesis of 4-organochalcogen isoquinolines by regioselective C-N and C-chalcogen bond formation. <i>Chemistry - A European Journal</i> , 2012 , 18, 10602-8	4.8	23
157	Antioxidant activity and low toxicity of (E)-1-(1-(methylthio)-1-(selenophenyl) hept-1-en-2-yl) pyrrolidin-2-one. <i>Cell Biology and Toxicology</i> , 2012 , 28, 213-23	7.4	4
156	Effects of diphenyl diselenide on depressive-like behavior in ovariectomized mice submitted to subchronic stress: involvement of the serotonergic system. <i>Psychopharmacology</i> , 2012 , 222, 709-19	4.7	19
155	Diphenyl diselenide ameliorates cognitive deficits induced by a model of menopause in rats. <i>Behavioural Pharmacology</i> , 2012 , 23, 98-104	2.4	11
154	Regioselective synthesis of isochromenones by iron(III)/PhSeSePh-mediated cyclization of 2-alkynylaryl esters. <i>Journal of Organic Chemistry</i> , 2011 , 76, 6789-97	4.2	65
153	Vinyl Selenides 2011 ,		7
152	Vinylic Tellurides 2011 ,		3
151	Effects of diphenyl diselenide on lipid profile and hepatic oxidative stress parameters in ovariectomized female rats. <i>Journal of Pharmacy and Pharmacology</i> , 2011 , 63, 663-9	4.8	14
150	New development of synthesis and reactivity of seleno- and tellurophenes. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 1301-13	3.9	69
149	Antidepressant-like effect of m-trifluoromethyl-diphenyl diselenide in the mouse forced swimming test involves opioid and serotonergic systems. <i>European Journal of Pharmacology</i> , 2011 , 658, 145-9	5.3	40
148	The role of the glutathione system in seizures induced by diphenyl diselenide in rat pups. <i>Chemico-Biological Interactions</i> , 2011 , 193, 65-70	5	4
147	Synthesis of heterocycles via electrophilic cyclization of alkynes containing heteroatom. <i>Chemical Reviews</i> , 2011 , 111, 2937-80	68.1	556
146	Iron(III) Chloride/Diorganoyl Diselenides-Promoted Regioselective Cyclization of Alkynyl Aryl Ketones: Synthesis of 3-Organoselenyl Chromenones under Ambient Atmosphere. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 2042-2050	5.6	23
145	Copper(II)-Mediated Intramolecular Cyclization of (Z)-Chalcogenoenynes: Synthesis of 3-Halochalcogenophene Derivatives. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 6713-6718	3.2	28
144	Selective base-promoted synthesis of substituted selenophenes by carbocyclization of (Z)-benzylselenoenynes. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 1529-37	3.9	15

- 143 The potential antioxidant activity of 2,3-dihydro-selenophene, a prototype drug of 4-aryl-2,3-dihydro-selenophenes. *Bioorganic and Medicinal Chemistry*, **2011**, 19, 1418-25 3.4 26
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