

Gilson Zeni

List of Publications by Year in descending order

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41344

49
h-index

33894

99
g-index

344
all docs

344
docs citations

344
times ranked

8116
citing authors

#	ARTICLE	IF	CITATIONS
1	Organoselenium and Organotellurium Compounds: Toxicology and Pharmacology. Chemical Reviews, 2004, 104, 6255-6286.	47.7	1,637
2	Synthesis of Heterocycles via Palladium π -Olefin and π -Alkyne Chemistry. Chemical Reviews, 2004, 104, 2285-2310.	47.7	1,088
3	Synthesis of Heterocycles via Palladium-Catalyzed Oxidative Addition. Chemical Reviews, 2006, 106, 4644-4680.	47.7	1,068
4	Synthesis of Heterocycles via Electrophilic Cyclization of Alkynes Containing Heteroatom. Chemical Reviews, 2011, 111, 2937-2980.	47.7	635
5	Vinylidene Tellurides: From Preparation to Their Applicability in Organic Synthesis. Chemical Reviews, 2006, 106, 1032-1076.	47.7	233
6	Palladium-Catalyzed Coupling of sp^2 -Hybridized Tellurides. Accounts of Chemical Research, 2003, 36, 731-738.	15.6	139
7	Recent advances in the synthesis of indoles from alkynes and nitrogen sources. Organic Chemistry Frontiers, 2020, 7, 155-210.	4.5	120
8	Electrophilic Cyclization of 2-Chalcogenoalkynylanisoles: Versatile Access to 2-Chalcogen-benzofurans. Journal of Organic Chemistry, 2009, 74, 2153-2162.	3.2	117
9	Stereoselective Synthesis of Enynes by Nickel-Catalyzed Cross-Coupling of Divinylidene Chalcogenides with Alkynes. Journal of Organic Chemistry, 2003, 68, 662-665.	3.2	116
10	Synthesis of Polyacetylenic Acids Isolated from <i>Heisteria acuminata</i> . Organic Letters, 2001, 3, 819-821.	4.6	115
11	Antinociceptive properties of diphenyl diselenide: Evidences for the mechanism of action. European Journal of Pharmacology, 2007, 555, 129-138.	3.5	110
12	Ebselen blocks the quinolinic acid-induced production of thiobarbituric acid reactive species but does not prevent the behavioral alterations produced by intra-striatal quinolinic acid administration in the rat. Neuroscience Letters, 2002, 318, 137-140.	2.1	105
13	Diphenyl diselenide reverses cadmium-induced oxidative damage on mice tissues. Chemico-Biological Interactions, 2005, 151, 159-165.	4.0	99
14	Addition of hydrogen halides to acetylenic selenides. Synthesis of 1-halo-1-selenoalkenes. Tetrahedron, 1996, 52, 9687-9702.	1.9	95
15	$FeCl_3$ -Diorganyl Dichalcogenides Promoted Cyclization of 2-Alkynylanisoles to 3-Chalcogen Benzofurans. Journal of Organic Chemistry, 2010, 75, 5701-5706.	3.2	95
16	Diphenyl diselenide reduces temporarily hyperglycemia: Possible relationship with oxidative stress. Chemico-Biological Interactions, 2006, 163, 230-238.	4.0	88
17	Thiophenes and furans derivatives: a new class of potential pharmacological agents. Environmental Toxicology and Pharmacology, 2003, 15, 37-44.	4.0	87
18	Oral administration of diphenyl diselenide protects against cadmium-induced liver damage in rats. Chemico-Biological Interactions, 2008, 171, 15-25.	4.0	87

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19	Regioselective Synthesis of Isochromenones by Iron(III)/PhSeSePh-Mediated Cyclization of 2-Alkynylaryl Esters. <i>Journal of Organic Chemistry</i> , 2011, 76, 6789-6797.	3.2	84
20	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, 10526-10536.	3.2	83
21	Electrophilic Cyclization of (Z)-Selenoenynes: Synthesis and Reactivity of 3-Iodoselenophenes. <i>Journal of Organic Chemistry</i> , 2007, 72, 6726-6734.	3.2	81
22	New development of synthesis and reactivity of seleno- and tellurophenes. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 1301.	2.8	80
23	Ebselen protects against methylmercury-induced inhibition of glutamate uptake by cortical slices from adult mice. <i>Toxicology Letters</i> , 2003, 144, 351-357.	0.8	78
24	Acute liver damage induced by 2-nitropropane in rats: Effect of diphenyl diselenide on antioxidant defenses. <i>Chemico-Biological Interactions</i> , 2006, 160, 99-107.	4.0	77
25	Cadmium induced testicular damage and its response to administration of succimer and diphenyl diselenide in mice. <i>Toxicology Letters</i> , 2004, 152, 255-263.	0.8	76
26	Protective effect of diphenyl diselenide on acute liver damage induced by 2-nitropropane in rats. <i>Toxicology</i> , 2005, 210, 1-8.	4.2	74
27	Ebselen attenuates haloperidol-induced orofacial dyskinesia and oxidative stress in rat brain. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 81, 608-615.	2.9	70
28	Antisecretory and antiulcer effects of diphenyl diselenide. <i>Environmental Toxicology and Pharmacology</i> , 2006, 21, 86-92.	4.0	70
29	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, 418-426.	2.9	70
30	Monoaminergic agents modulate antidepressant-like effect caused by diphenyl diselenide in rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 1261-1269.	4.8	69
31	Hydroselenation of Alkynes by Lithium Butylselenolate: An Approach in the Synthesis of Vinylic Selenides. <i>Organic Letters</i> , 2004, 6, 1135-1138.	4.6	68
32	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.	4.3	68
33	Coupling of Z-vinylic tellurides with alkynes catalysed by : synthesis of Z-enynes and Z-enediynes. <i>Tetrahedron Letters</i> , 1999, 40, 4619-4622.	1.4	67
34	Synthesis of 2,3-Dihydroselenophene and Selenophene Derivatives by Electrophilic Cyclization of Homopropargyl Selenides. <i>Organic Letters</i> , 2010, 12, 1952-1955.	4.6	67
35	Highly Stereoselective One-Pot Procedure To Prepare Bis- and Tris-chalcogenide Alkenes via Addition of Disulfides and Diselenides to Terminal Alkynes. <i>Journal of Organic Chemistry</i> , 2005, 70, 5257-5268.	3.2	66
36	Iron(III) Chloride/Diorganyl Diselenides: A Tool for Intramolecular Cyclization of Alkynone α -Methyloximes. <i>Journal of Organic Chemistry</i> , 2013, 78, 1630-1637.	3.2	61

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37	New acetylenic furan derivatives: synthesis and anti-inflammatory activity. <i>Tetrahedron Letters</i> , 2001, 42, 8927-8930.	1.4	59
38	Synthesis of Organochalcogen Propargyl Aryl Ethers and Their Application in the Electrophilic Cyclization Reaction: An Efficient Preparation of 3-Halo-4-Chalcogen-2 <i>H</i> -Benzopyrans. <i>Journal of Organic Chemistry</i> , 2009, 74, 3469-3477.	3.2	59
39	Improved procedure for the hydrotelluration of alkynes. <i>Tetrahedron Letters</i> , 2000, 41, 1311-1313.	1.4	58
40	Ultrasound-assisted synthesis of functionalized arylacetylenes. <i>Tetrahedron Letters</i> , 2005, 46, 2001-2003.	1.4	58
41	Sequential Carbon-Carbon/Selenium Bond Formation Mediated by Iron(III) Chloride and Diorganyl Diselenides: Synthesis and Reactivity of 2-Organoselenenyl-Naphthalenes. <i>Journal of Organic Chemistry</i> , 2017, 82, 2713-2723.	3.2	58
42	Exposure to ebselen changes glutamate uptake and release by rat brain synaptosomes. <i>Neurochemical Research</i> , 2002, 27, 283-288.	3.3	57
43	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, 3786-3792.	3.2	57
44	Synthesis and anti-inflammatory activity of acetylenic thiophenes. <i>Tetrahedron Letters</i> , 2001, 42, 7921-7923.	1.4	55
45	Copper Iodide-Catalyzed Cyclization of (<i>Z</i>)-Chalcogenoenynes. <i>Organic Letters</i> , 2008, 10, 4983-4986.	4.6	55
46	Iron-Catalyzed Cyclization of Alkynols with Diorganyl Diselenides: Synthesis of 2,5-Dihydrofuran, 3,6-Dihydro-2 <i>H</i> -pyran, and 2,5-Dihydro-1 <i>H</i> -pyrrole Organoselenenyl Derivatives. <i>Journal of Organic Chemistry</i> , 2015, 80, 7702-7712.	3.2	53
47	Diphenyl diselenide reverses gastric lesions in rats: Involvement of oxidative stress. <i>Food and Chemical Toxicology</i> , 2008, 46, 3023-3029.	3.6	52
48	<i>Candida dubliniensis</i> : Epidemiology and Phenotypic Methods for Identification. <i>Mycopathologia</i> , 2010, 169, 431-443.	3.1	52
49	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.	18.8	52
50	Ebselen attenuates reserpine-induced orofacial dyskinesia and oxidative stress in rat striatum. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2003, 27, 135-140.	4.8	50
51	Synthesis and antidepressant-like activity of selenophenes obtained via iron(III)-PhSeSePh-mediated cyclization of <i>Z</i> -selenoenynes. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 798-807.	2.8	50
52	Selenoxides inhibit β -aminolevulinic acid dehydratase. <i>Toxicology Letters</i> , 2001, 119, 27-37.	0.8	49
53	Synthesis of 1,3-enynes via Suzuki-type reaction of vinylic tellurides and potassium alkynyltrifluoroborate salts. <i>Tetrahedron Letters</i> , 2005, 46, 563-567.	1.4	49
54	Ebselen protects glutamate uptake inhibition caused by methyl mercury but does not by Hg ²⁺ . <i>Toxicology</i> , 2005, 214, 57-66.	4.2	48

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55	Efficacy of 2,3-dimercapto-1-propanesulfonic acid (DMPS) and diphenyl diselenide on cadmium induced testicular damage in mice. Food and Chemical Toxicology, 2005, 43, 1723-1730.	3.6	48
56	Organoselenium improves memory decline in mice: Involvement of acetylcholinesterase activity. Neuroscience Letters, 2010, 472, 56-60.	2.1	48
57	Antidepressant-like effect of m-trifluoromethyl-diphenyl diselenide in the mouse forced swimming test involves opioid and serotonergic systems. European Journal of Pharmacology, 2011, 658, 145-149.	3.5	48
58	Bis-vinyl selenides obtained via iron(iii) catalyzed addition of PhSeSePh to alkynes: synthesis and antinociceptive activity. Organic and Biomolecular Chemistry, 2013, 11, 1199.	2.8	48
59	Iron-Promoted Tandem Cyclization of 1,3-Diynyl Chalcogen Derivatives with Diorganyl Dichalcogenides for the Synthesis of Benzo[b]furan-Fused Selenophenes. Advanced Synthesis and Catalysis, 2016, 358, 3572-3585.	4.3	47
60	Stereoselective sp ² -sp ² bond formation via Negishi cross-coupling of vinylic tellurides and 2-heteroarylzinc chlorides. Tetrahedron Letters, 2004, 45, 4823-4826.	1.4	46
61	Application of organoselenides in the Suzuki, Negishi, Sonogashira and Kumada cross-coupling reactions. Chemical Communications, 2015, 51, 15522-15525.	4.1	45
62	Teratogenic vulnerability of Wistar rats to diphenyl ditelluride. Toxicology, 2005, 207, 231-239.	4.2	44
63	On the mechanisms involved in antinociception induced by diphenyl diselenide. Environmental Toxicology and Pharmacology, 2005, 19, 283-289.	4.0	44
64	Convulsant effect of diphenyl diselenide in rats and mice and its relationship to plasma levels. Toxicology Letters, 2009, 189, 35-39.	0.8	44
65	Antioxidant effect of diphenyl diselenide against sodium nitroprusside (SNP) induced lipid peroxidation in human platelets and erythrocyte membranes: An in vitro evaluation. Chemico-Biological Interactions, 2006, 164, 126-135.	4.0	43
66	Oxalate modulates thiobarbituric acid reactive species (TBARS) production in supernatants of homogenates from rat brain, liver and kidney: Effect of diphenyl diselenide and diphenyl ditelluride. Chemico-Biological Interactions, 2007, 165, 87-98.	4.0	41
67	Depression-related behavior and mechanical allodynia are blocked by 3-(4-fluorophenylselenenyl)-2,5-diphenylselenophene in a mouse model of neuropathic pain induced by partial sciatic nerve ligation. Neuropharmacology, 2014, 79, 580-589.	4.1	41
68	Synthesis of polyacetylenic montiporic acids A and B. Tetrahedron Letters, 1999, 40, 9215-9217.	1.4	40
69	Antinociceptive properties of acetylenic thiophene and furan derivatives: Evidence for the mechanism of action. Life Sciences, 2005, 76, 2221-2234.	4.3	39
70	Copper-Promoted Carbon-Nitrogen Bond Formation with 2-Iodo-selenophene and Amides. Journal of Organic Chemistry, 2006, 71, 1552-1557.	3.2	39
71	Synthesis of Natural Polyacetylenes Bearing Furan Rings. Journal of Natural Products, 2009, 72, 857-860.	3.0	39
72	Transmetalation of Z-Telluroenynes: Stereoselective Synthesis of Z-Enynols and Their Application in Palladium-Catalyzed Cyclization. Organic Letters, 2010, 12, 936-939.	4.6	39

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73	Stereoconservative Formation and Reactivity of $\hat{1}\pm$ -Chalcogen-Functionalized Vinylolithium Compounds from $\hat{1}\pm$ -Bromo-vinyllic Chalcogenides. <i>Synlett</i> , 1997, 1997, 595-596.	1.8	38
74	Synthesis of $\hat{1}^2$ -organotelluro vinylphosphine oxides by hydrotelluration of 1-alkynylphosphine oxides and their palladium-catalyzed cross-coupling with alkynes. <i>Tetrahedron Letters</i> , 2002, 43, 4399-4402.	1.4	38
75	Sonogashira cross-coupling reaction of organotellurium dichlorides with terminal alkynes. <i>Tetrahedron Letters</i> , 2003, 44, 1779-1781.	1.4	38
76	Involvement of oxidative stress in seizures induced by diphenyl diselenide in rat pups. <i>Brain Research</i> , 2007, 1147, 226-232.	2.2	38
77	Human erythrocyte hemolysis induced by selenium and tellurium compounds increased by GSH or glucose: A possible involvement of reactive oxygen species. <i>Chemico-Biological Interactions</i> , 2009, 177, 28-33.	4.0	38
78	Involvement of the serotonergic system in the anxiolytic-like effect caused by m-trifluoromethyl-diphenyl diselenide in mice. <i>Behavioural Brain Research</i> , 2009, 205, 511-517.	2.2	38
79	Alkynes and Nitrogen Compounds: Useful Substrates for the Synthesis of Pyrazoles. <i>Chemistry - A European Journal</i> , 2020, 26, 8175-8189.	3.3	38
80	Stereospecific Formation of Chalcogenoenynes via Palladium Catalysed Cross-Coupling Reaction of $\hat{1}\pm$ -Bromovinyllic Chalcogenides. <i>Synthesis</i> , 1998, 1998, 39-41.	2.3	37
81	Addition Reaction of p-Methoxyphenyltellurium Trichloride to 3-Hydroxy Alkynes. <i>Organometallics</i> , 1999, 18, 803-806.	2.3	37
82	Effects of diphenyl diselenide on orofacial dyskinesia model in rats. <i>Brain Research Bulletin</i> , 2006, 70, 165-170.	3.0	37
83	Sub-chronic administration of diphenyl diselenide potentiates cadmium-induced testicular damage in mice. <i>Reproductive Toxicology</i> , 2006, 22, 546-550.	2.9	37
84	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, 179-186.	4.8	36
85	$K_{2}CO_{3}$ -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.	3.6	36
86	Indium(I) iodide-mediated chemio-, regio-, and stereoselective hydroselenation of 2-alkyn-1-ol derivatives. <i>Tetrahedron Letters</i> , 2002, 43, 7921-7923.	1.4	35
87	Carbon-sulfur bond formation from 2-halochalcogenophenes via copper catalyzed thiol cross-coupling. <i>Tetrahedron Letters</i> , 2005, 46, 2647-2651.	1.4	35
88	Organoselenium compounds prevent hyperphosphorylation of cytoskeletal proteins induced by the neurotoxic agent diphenyl ditelluride in cerebral cortex of young rats. <i>Toxicology</i> , 2005, 210, 213-222.	4.2	35
89	Iron(III) Chloride/Diorganyl Diselenides Promoted Regioselective Cyclization of Alkynyl Aryl Ketones: Synthesis of β -Organoselenyl Chromenones under Ambient Atmosphere. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 2042-2050.	4.3	35
90	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, 1187-1195.	2.7	35

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91	The facile synthesis of chiral oxazoline catalysts for the diethylzinc addition to aldehydes. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 3291-3295.	1.8	34
92	Diphenyl diselenide improves scopolamine-induced memory impairment in mice. <i>Behavioural Pharmacology</i> , 2010, 21, 556-562.	1.7	34
93	A novel isoquinoline compound abolishes chronic unpredictable mild stress-induced depressive-like behavior in mice. <i>Behavioural Brain Research</i> , 2016, 307, 73-83.	2.2	34
94	Changes in biochemical parameters in rabbits blood after oral exposure to diphenyl diselenide for long periods. <i>Chemico-Biological Interactions</i> , 2006, 162, 1-10.	4.0	33
95	Regioselective Formation of Tetrahydroselenophenes via 5-exo-dig-Cyclization of 1-Butylseleno-4-alkynes. <i>Organic Letters</i> , 2012, 14, 6072-6075.	4.6	33
96	Copper-Catalyzed Carbon-Nitrogen/Carbon-Selenium Bonds Formation: Synthesis of 2-(Organochalcogenyl)-indolizines. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1901-1911.	4.3	33
97	Diethyl 2-phenyl-2 telluorophenyl vinylphosphonate: An organotellurium compound with low toxicity. <i>Toxicology</i> , 2006, 224, 100-107.	4.2	32
98	Regio- and stereoselective synthesis of vinyl sulfides via PhSeBr-catalyzed hydrothiolation of alkynes. <i>Tetrahedron Letters</i> , 2007, 48, 4805-4808.	1.4	32
99	Cadmium inhibits β -aminolevulinic acid dehydratase from rat lung in vitro: Interaction with chelating and antioxidant agents. <i>Chemico-Biological Interactions</i> , 2007, 165, 127-137.	4.0	32
100	The potential antioxidant activity of 2,3-dihydroselenophene, a prototype drug of 4-aryl-2,3-dihydroselenophenes. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 1418-1425.	3.0	32
101	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.	3.7	32
102	Copper(II)-Mediated Intramolecular Cyclization of (E)-Chalcogenoenynes: Synthesis of 3-Halochalcogenophene Derivatives. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 6713-6718.	2.4	31
103	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.	4.3	31
104	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, 550-555.	0.7	31
105	Protective effect of disubstituted diaryl diselenides on cerebral oxidative damage caused by sodium nitroprusside. <i>Biochemical Engineering Journal</i> , 2009, 45, 94-99.	3.6	30
106	Iron(III) Chloride/Diorganyl Diselenides Promoted Regio- and Stereoselective Cyclization of ortho-Alkynylanilides: Synthesis of (E)-4-(chalcogen)methylenebenzoxazines. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 501-508.	4.3	30
107	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, 119-123.	3.2	30
108	Electrophilic Cyclization Involving Carbon-Selenium/Carbon-Halide Bond Formation: Synthesis of 3-Substituted Selenophenes. <i>Journal of Organic Chemistry</i> , 2018, 83, 6706-6718.	3.2	30

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109	(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.	2.8	29
110	Stereospecific formation of enynephosphonates via palladium-catalyzed cross-coupling reaction of β^2 -organotelluro vinylphosphonates with alkynes. <i>Tetrahedron Letters</i> , 2001, 42, 8563-8565.	1.4	28
111	Synthesis of 3-Alkynylselenophene Derivatives by a Copper-Free Sonogashira Cross-Coupling Reaction. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 377-382.	2.4	28
112	Nucleophilic Cyclization of α -Alkynylbenzamides Promoted by Iron(III) Chloride and Diorganyl Dichalcogenides: Synthesis of 4-Organochalcogenyl-1-isochromen-1-amines. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1583-1590.	2.4	28
113	Iron(III) Chloride and Diorganyl Diselenide-Promoted Nucleophilic Closures of 1-Benzyl-2-alkynylbenzenes in the Preparation of 9-(Organoselanyl)-5-benzo[7]annulenes. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1119-1129.	2.4	28
114	Stereoselective Synthesis of (Z)-Enynes via Pd(II)/Cu(I)-Catalyzed Cross-Coupling Reaction of bis-Vinyl Tellurides with 1-Alkynes. <i>Synlett</i> , 2001, 2001, 1473-1475.	1.8	27
115	Stereoselective preparation of conjugated E-enynes from E-vinyl tellurides and terminal alkynes via Sonogashira cross-coupling. Electronic supplementary information (ESI) available: spectroscopic data for all new compounds as well as detailed experimental procedures. See http://www.rsc.org/suppdata/ob/b4/b401059k/ . <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 803.	2.8	27
116	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, 10602-10608.	3.3	27
117	Diphenyl diselenide-supplemented diet and swimming exercise enhance novel object recognition memory in old rats. <i>Age</i> , 2014, 36, 9666.	3.0	27
118	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.	4.3	27
119	Synthesis of Cross-Conjugated Geminal Eneidyne via Palladium Catalyzed Cross-Coupling Reaction of Ketene Butyltelluroacetals. <i>Synlett</i> , 2002, 2002, 0975-0977.	1.8	26
120	Evidence for the involvement of μ -opioid and δ -opioid receptors in the antinociceptive effect caused by oral administration of m-trifluoromethyl-diphenyl diselenide in mice. <i>Behavioural Pharmacology</i> , 2010, 21, 621-626.	1.7	26
121	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, 13059-13064.	3.3	26
122	Expedient Iodocyclization Approach Toward Polysubstituted 3-H-Benzo[e]indoles. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3255-3261.	4.3	26
123	Ten years of progress in the synthesis of six-membered N-heterocycles from alkynes and nitrogen sources. <i>Tetrahedron</i> , 2020, 76, 130876.	1.9	26
124	Effect of oral administration of diphenyl diselenide on antioxidant status, and activity of delta aminolevulinic acid dehydratase and isoforms of lactate dehydrogenase, in streptozotocin-induced diabetic rats. <i>Cell Biology and Toxicology</i> , 2009, 25, 415-424.	5.3	25
125	Studies on the antioxidant effect and interaction of diphenyl diselenide and dicholesteryl diselenide with hepatic δ -aminolevulinic acid dehydratase and isoforms of lactate dehydrogenase. <i>Toxicology in Vitro</i> , 2009, 23, 14-20.	2.4	25
126	Cyclization of Thiopropargyl Benzimidazoles by Combining Iron(III) Chloride and Diorganyl Diselenides. <i>Journal of Organic Chemistry</i> , 2019, 84, 14113-14126.	3.2	25

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127	Synthesis of 3-(Organochalcogen) Chalcogenazolo Indoles via Cascade Cyclization of <i>N</i> -Alkynylindoles. <i>Journal of Organic Chemistry</i> , 2019, 84, 2891-2900.	3.2	25
128	Inhibitory Effect of Ebselen on Cerebral Acetylcholinesterase Activity In Vitro: Kinetics and Reversibility of Inhibition. <i>Current Pharmaceutical Design</i> , 2014, 21, 920-924.	1.9	25
129	δ -Aminolevulinate Dehydratase Inhibition by Phenyl Selenoacetylene: Effect of Reaction with Hydrogen Peroxide. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2002, 90, 214-219.	0.0	24
130	Synthesis of polyacetylenic acids isolated from <i>Nanodea muscosa</i> . <i>Tetrahedron Letters</i> , 2005, 46, 8761-8764.	1.4	24
131	Ebselen and diphenyl diselenide do not change the inhibitory effect of lead acetate on δ -aminolevulinate dehydratase. <i>Environmental Toxicology and Pharmacology</i> , 2005, 19, 239-248.	4.0	24
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