

# Diego Alves

## List of Publications by Year in descending order

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217  
papers

5,428  
citations

81839

39  
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143943

57  
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266  
all docs

266  
docs citations

266  
times ranked

4269  
citing authors

#	ARTICLE	IF	CITATIONS
1	Î±-Keto Acids: Acylating Agents in Organic Synthesis. <i>Chemical Reviews</i> , 2019, 119, 7113-7278.	23.0	151
2	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.	4.6	112
3	Antinociceptive properties of diphenyl diselenide: Evidences for the mechanism of action. <i>European Journal of Pharmacology</i> , 2007, 555, 129-138.	1.7	110
4	Essential oil of the leaves of <i>Eugenia uniflora</i> L.: Antioxidant and antimicrobial properties. <i>Food and Chemical Toxicology</i> , 2012, 50, 2668-2674.	1.8	110
5	CuO nanoparticles: an efficient and recyclable catalyst for cross-coupling reactions of organic diselenides with aryl boronic acids. <i>Tetrahedron Letters</i> , 2009, 50, 6635-6638.	0.7	96
6	Synthesis of arylselenanyl-1H-1,2,3-triazole-4-carboxylates by organocatalytic cycloaddition of azidophenyl arylselenides with Î²-keto-esters. <i>Tetrahedron</i> , 2012, 68, 10456-10463.	1.0	85
7	Synthesis and antioxidant properties of novel quinoline-â€œchalcogenium compounds. <i>Tetrahedron Letters</i> , 2013, 54, 40-44.	0.7	84
8	Base-free oxidation of thiols to disulfides using selenium ionic liquid. <i>Tetrahedron Letters</i> , 2011, 52, 640-643.	0.7	83
9	Electrophilic Cyclization of ( <i>Z</i> )-Selenoenynes:â€œ Synthesis and Reactivity of 3-Iodoselenophenes. <i>Journal of Organic Chemistry</i> , 2007, 72, 6726-6734.	1.7	81
10	Synthesis of Organochalcogen Compounds using Non-Conventional Reaction Media. <i>ChemistrySelect</i> , 2016, 1, 205-258.	0.7	79
11	Catalyst-free synthesis of benzodiazepines and benzimidazoles using glycerol as recyclable solvent. <i>Tetrahedron Letters</i> , 2011, 52, 4132-4136.	0.7	75
12	Organocatalytic Synthesis of (Arylselenanyl)phenyl-1,2,3-triazole-4-carboxamides by Cycloaddition between Azidophenyl Arylselenides and Î²-keto-amides. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1059-1065.	1.2	75
13	Imidazolium ionic liquids containing selenium: synthesis and antimicrobial activity. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 1001-1003.	1.5	74
14	An efficient one-pot strategy for the highly regioselective metal-free synthesis of 1,4-disubstituted-1,2,3-triazoles. <i>Chemical Communications</i> , 2014, 50, 11926-11929.	2.2	74
15	Reduction of Diphenyl Diselenide and Analogs by Mammalian Thioredoxin Reductase Is Independent of Their Glutathione Peroxidase-Like Activity: A Possible Novel Pathway for Their Antioxidant Activity. <i>Molecules</i> , 2010, 15, 7699-7714.	1.7	72
16	Recoverable Cu/SiO <sub>2</sub> composite-catalysed click synthesis of 1,2,3-triazoles in water media. <i>New Journal of Chemistry</i> , 2014, 38, 1410-1417.	1.4	71
17	Antisecretory and antiulcer effects of diphenyl diselenide. <i>Environmental Toxicology and Pharmacology</i> , 2006, 21, 86-92.	2.0	70
18	Room-Temperature Organocatalytic Cycloaddition of Azides with Î²-Keto Sulfones: Toward Sulfonyl-1,2,3-triazoles. <i>Organic Letters</i> , 2015, 17, 6206-6209.	2.4	67

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19	4-Phenylselenyl-7-chloroquinoline, a new quinoline derivative containing selenium, has potential antinociceptive and anti-inflammatory actions. <i>European Journal of Pharmacology</i> , 2016, 780, 122-128.	1.7	67
20	Ultrasound-Assisted Synthesis and Antioxidant Activity of 3-Selenylindole and 3-Selenylimidazo[1,2-a]pyridine Derivatives. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1635-1646.	1.3	67
21	Synthesis of diaryl selenides using electrophilic selenium species and nucleophilic boron reagents in ionic liquids. <i>Green Chemistry</i> , 2011, 13, 2931.	4.6	61
22	Copper-Catalyzed Direct Arylselenation of Anilines by C-H Bond Cleavage. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 933-939.	2.1	61
23	Sonochemistry: An efficient alternative to the synthesis of 3-selenylindoles using CuI as catalyst. <i>Ultrasonics Sonochemistry</i> , 2015, 27, 192-199.	3.8	60
24	Copper Iodide-Catalyzed Cyclization of $\alpha$ -Chalcogenoenynes. <i>Organic Letters</i> , 2008, 10, 4983-4986.	2.4	55
25	Glycerol as a promoting medium for cross-coupling reactions of diaryl diselenides with vinyl bromides. <i>Tetrahedron Letters</i> , 2010, 51, 6772-6775.	0.7	55
26	Green, catalyst-free thioacetalization of carbonyl compounds using glycerol as recyclable solvent. <i>Tetrahedron Letters</i> , 2010, 51, 4354-4356.	0.7	54
27	Silver-Catalyzed Synthesis of Diaryl Selenides by Reaction of Diaryl Diselenides with Aryl Boronic Acids. <i>Journal of Organic Chemistry</i> , 2016, 81, 11472-11476.	1.7	52
28	Copper-catalyzed sulfenylation of pyrroles with disulfides or thiols: directly synthesis of sulfenyl pyrroles. <i>Tetrahedron Letters</i> , 2012, 53, 3364-3368.	0.7	51
29	Synthesis, characterization and antioxidant activity of organoselenium and organotellurium compound derivatives of chrysin. <i>New Journal of Chemistry</i> , 2015, 39, 3043-3050.	1.4	50
30	4-phenylselenyl-7-chloroquinoline, a novel multitarget compound with anxiolytic activity: Contribution of the glutamatergic system. <i>Journal of Psychiatric Research</i> , 2017, 84, 191-199.	1.5	50
31	Substituted diaryl diselenides: Cytotoxic and apoptotic effect in human colon adenocarcinoma cells. <i>Life Sciences</i> , 2012, 91, 345-352.	2.0	48
32	Direct synthesis of 2-aryl-1,3-benzoselenazoles by reaction of bis(2-aminophenyl) diselenides with aryl aldehydes using sodium metabisulfite. <i>Tetrahedron</i> , 2013, 69, 1316-1321.	1.0	48
33	Metal and base-free synthesis of arylselenyl anilines using glycerol as a solvent. <i>Green Chemistry</i> , 2014, 16, 3854.	4.6	47
34	Stereoselective $sp^2-sp^2$ bond formation via Negishi cross-coupling of vinylic tellurides and 2-heteroarylzinc chlorides. <i>Tetrahedron Letters</i> , 2004, 45, 4823-4826.	0.7	46
35	Seleno-Functionalization of Quercetin Improves the Non-Covalent Inhibition of Mpro and Its Antiviral Activity in Cells against SARS-CoV-2. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7048.	1.8	44
36	In vitro antioxidant activity and in vivo antidepressant-like effect of $\alpha$ -(phenylselenyl) acetophenone in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 102, 21-29.	1.3	43

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37	Antinociceptive and anti-hypernociceptive effects of Se-phenyl thiazolidine-4-carboselenoate in mice. <i>European Journal of Pharmacology</i> , 2011, 668, 169-176.	1.7	41
38	Involvement of the dopaminergic and serotonergic systems in the antidepressant-like effect caused by 4-phenyl-1-(phenylselanyl)methyl-1,2,3-triazole. <i>Life Sciences</i> , 2013, 93, 393-400.	2.0	40
39	Ultrasound-promoted copper-catalyzed synthesis of bis-arylselanyl chrysin derivatives with boosted antioxidant and anticancer activities. <i>Ultrasonics Sonochemistry</i> , 2017, 39, 827-836.	3.8	40
40	An organotellurium compound with antioxidant activity against excitotoxic agents without neurotoxic effects in brain of rats. <i>Brain Research Bulletin</i> , 2008, 76, 114-123.	1.4	39
41	A Selenium-Based Ionic Liquid as a Recyclable Solvent for the Catalyst-Free Synthesis of 3-Selenylindoles. <i>Molecules</i> , 2013, 18, 4081-4090.	1.7	39
42	Direct Synthesis of 4-Organylselanylpyrazoles by Copper-Catalyzed One-Pot Cyclocondensation and C-H Bond Selenylation Reactions. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 4041-4049.	2.1	39
43	Bis-arylsulfenyl- and bis-arylselanyl-benzo-2,1,3-thiadiazoles: synthesis and photophysical characterization. <i>RSC Advances</i> , 2016, 6, 49613-49624.	1.7	39
44	Insights into the differential toxicological and antioxidant effects of 4-phenylchalcogenil-7-chloroquinolines in <i>Caenorhabditis elegans</i> . <i>Free Radical Biology and Medicine</i> , 2017, 110, 133-141.	1.3	39
45	Current advances of pharmacological properties of 7-chloro-4-(phenylselanyl) quinoline: Prevention of cognitive deficit and anxiety in Alzheimer's disease model. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 1006-1014.	2.5	39
46	Synthesis of bis(indolyl)methanes using silica gel as an efficient and recyclable surface. <i>Tetrahedron Letters</i> , 2012, 53, 5402-5406.	0.7	36
47	Glycerol/hypophosphorous acid: an efficient system solvent-reducing agent for the synthesis of 2-organylselanyl pyridines. <i>Tetrahedron Letters</i> , 2013, 54, 3215-3218.	0.7	36
48	$\alpha$ -Keto Acids as Acylating Agents in the Synthesis of 2-Substituted Benzothiazoles and Benzoselenazoles. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3830-3836.	1.2	36
49	Niobium-promoted reaction of $\alpha$ -phenylglyoxylic acid with ortho-functionalized anilines: synthesis of 2-arylbenzothiazoles and 3-aryl-2H-benzo[b][1,4]benzoxazin-2-ones. <i>Green Chemistry</i> , 2016, 18, 6675-6680.	4.6	35
50	Evaluation of antioxidant activity and potential toxicity of 1-buthyltelurenyl-2-methylthioheptene. <i>Life Sciences</i> , 2006, 79, 1546-1552.	2.0	33
51	Transition metal catalysed direct selanylation of arenes and heteroarenes. <i>Dalton Transactions</i> , 2019, 48, 9851-9905.	1.6	33
52	Polysaccharide-based superporous hydrogel embedded with copper nanoparticles: a green and versatile catalyst for the synthesis of 1,2,3-triazoles. <i>Catalysis Science and Technology</i> , 2019, 9, 136-145.	2.1	33
53	Regio- and stereoselective synthesis of vinyl sulfides via PhSeBr-catalyzed hydrothiolation of alkynes. <i>Tetrahedron Letters</i> , 2007, 48, 4805-4808.	0.7	32
54	Synthesis of novel selenium and tellurium-containing tetrazoles: a class of chalcogen compounds with antifungal activity. <i>Tetrahedron Letters</i> , 2012, 53, 3091-3094.	0.7	32

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55	Direct synthesis of 4-organylsulfenyl-7-chloro quinolines and their toxicological and pharmacological activities in <i>Caenorhabditis elegans</i> . <i>European Journal of Medicinal Chemistry</i> , 2014, 75, 448-459.	2.6	32
56	Organocatalytic synthesis and evaluation of 7-chloroquinoline-1,2,3-triazoyl carboxamides as potential antinociceptive, anti-inflammatory and anticonvulsant agent. <i>RSC Advances</i> , 2014, 4, 41437-41445.	1.7	32
57	Organoselenium compounds from purines: Synthesis of 6-arylselanylpurines with antioxidant and anticholinesterase activities and memory improvement effect. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 6718-6723.	1.4	32
58	A simple method for the synthesis of 4-arylselanyl-7-chloroquinolines used as in vitro acetylcholinesterase inhibitors and in vivo memory improvement. <i>Tetrahedron Letters</i> , 2017, 58, 3319-3322.	0.7	32
59	Synthesis of 2-Substituted 1,3-Benzoselenazoles from Carboxylic Acids Promoted by Tributylphosphine. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6945-6952.	1.2	31
60	(±)-(phenylselanyl) acetophenone abolishes acute restraint stress induced-comorbid pain, depression and anxiety-related behaviors in mice. <i>Neurochemistry International</i> , 2018, 120, 112-120.	1.9	31
61	Synthesis of potassium and tetra n-butylammonium 2-substituted-1,3-dithianotrifluoroborate salts and addition to chiral cyclic N-acyliminium ions. <i>Tetrahedron</i> , 2008, 64, 7234-7241.	1.0	30
62	Organochalcogen compounds from glycerol: Synthesis of new antioxidants. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 6242-6249.	1.4	30
63	Organoselenium group is critical for antioxidant activity of 7-chloro-4-phenylselanyl-quinoline. <i>Chemico-Biological Interactions</i> , 2018, 282, 7-12.	1.7	30
64	(±)-(phenylselanyl) acetophenone mitigates reserpine-induced pain-depression dyad: Behavioral, biochemical and molecular docking evidences. <i>Brain Research Bulletin</i> , 2018, 142, 129-137.	1.4	30
65	Essential oil of <i>Psidium cattleianum</i> leaves: Antioxidant and antifungal activity. <i>Pharmaceutical Biology</i> , 2015, 53, 242-250.	1.3	29
66	Sonochemistry in organocatalytic enamine-azide [3+2] cycloadditions: A rapid alternative for the synthesis of 1,2,3-triazoyl carboxamides. <i>Ultrasonics Sonochemistry</i> , 2017, 34, 107-114.	3.8	29
67	Copper Catalysis and Organocatalysis Showing the Way: Synthesis of Selenium-Containing Highly Functionalized 1,2,3-Triazoles. <i>Chemical Record</i> , 2018, 18, 527-542.	2.9	29
68	Synthesis of 3-Alkynylselenophene Derivatives by a Copper-Free Sonogashira Cross-Coupling Reaction. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 377-382.	1.2	28
69	Synthesis of (Z)-organylthioenynes using KF/Al <sub>2</sub> O <sub>3</sub> /solvent as recyclable system. <i>Tetrahedron Letters</i> , 2011, 52, 133-135.	0.7	28
70	Glycerol as a recyclable solvent in a microwave-assisted synthesis of disulfides. <i>Green Chemistry Letters and Reviews</i> , 2012, 5, 329-336.	2.1	28
71	Selenium compounds in Click Chemistry: copper catalyzed 1,3-dipolar cycloaddition of azidomethyl arylselenides and alkynes. <i>Tetrahedron</i> , 2012, 68, 10419-10425.	1.0	28
72	Antioxidant properties of (R)-Se-aryl thiazolidine-4-carboselenoate. <i>Chemico-Biological Interactions</i> , 2013, 205, 100-107.	1.7	28

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73	Phenylselenanyl-1H-1,2,3-triazole-4-carbonitriles: synthesis, antioxidant properties and use as precursors to highly functionalized tetrazoles. <i>RSC Advances</i> , 2016, 6, 8021-8031.	1.7	28
74	Selenium dioxide-promoted selective synthesis of mono- and bis-sulfenylindoles. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1983-1991.	2.3	28
75	Lipopolysaccharide-induced depressive-like, anxiogenic-like and hyperalgesic behavior is attenuated by acute administration of $\hat{\pm}$ -(phenylselenanyl) acetophenone in mice. <i>Neuropharmacology</i> , 2019, 146, 128-137.	2.0	28
76	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 <a href="http://www.rsc.org/suppdata/ob/b4/b401059k/">http://www.rsc.org/suppdata/ob/b4/b401059k/</a> . <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 803.	1.5	27
77	3-Alkynyl selenophene protects against carbon-tetrachloride-induced and 2-nitropropane-induced hepatic damage in rats. <i>Cell Biology and Toxicology</i> , 2010, 26, 569-577.	2.4	27
78	Synthesis of azido arylselenides and azido aryldiselenides: a new class of selenium-nitrogen compounds. <i>Tetrahedron Letters</i> , 2010, 51, 3364-3367.	0.7	27
79	Catalyst-free synthesis of octahydroacridines using glycerol as recyclable solvent. <i>Tetrahedron Letters</i> , 2011, 52, 2571-2574.	0.7	27
80	Further analysis of the antimicrobial activity of $\hat{\pm}$ -phenylseleno citronellal and $\hat{\pm}$ -phenylseleno citronellol. <i>Food Control</i> , 2012, 23, 95-99.	2.8	27
81	Glycerol/CuI/Zn as a recyclable catalytic system for synthesis of vinyl sulfides and tellurides. <i>Tetrahedron Letters</i> , 2013, 54, 3475-3480.	0.7	27
82	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.	1.6	27
83	Further analysis of acute antinociceptive and anti-inflammatory actions of 4-phenylselenanyl-7-chloroquinoline in mice. <i>Fundamental and Clinical Pharmacology</i> , 2017, 31, 513-525.	1.0	26
84	Synthesis of Isoxazolines by the Electrophilic Chalcogenation of $\hat{1}^2, \hat{1}^3$ -Unsaturated Oximes: Fishing Novel Anti-Inflammatory Agents. <i>Journal of Organic Chemistry</i> , 2019, 84, 12452-12462.	1.7	26
85	Highly stereoselective method to prepare bis-phenylchalcogen alkenes via addition of chalcogenolate to phenylseleno alkynes. <i>Tetrahedron Letters</i> , 2012, 53, 2066-2069.	0.7	25
86	Therapeutic and technological potential of 7-chloro-4-phenylselenanyl quinoline for the treatment of atopic dermatitis-like skin lesions in mice. <i>Materials Science and Engineering C</i> , 2018, 84, 90-98.	3.8	25
87	Synthesis of 5-H-selenopheno[3,2- <i>h</i> ]isochromen-5-ones Promoted by Dialkyl Diselenides and Oxone <sup>®</sup> . <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3403-3411.	2.1	25
88	Synthesis of polyacetylenic acids isolated from <i>Nanodea muscosa</i> . <i>Tetrahedron Letters</i> , 2005, 46, 8761-8764.	0.7	24
89	Stereoselective synthesis of selenosteroids. <i>Tetrahedron Letters</i> , 2010, 51, 2237-2240.	0.7	24
90	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.	2.1	24

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91	7-Chloro-4-phenylsulfonyl quinoline, a new antinociceptive and anti-inflammatory molecule: Structural improvement of a quinoline derivate with pharmacological activity. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 90, 72-77.	1.3	24
92	Oxone®-mediated direct arylselenylation of imidazo[2,1-b]thiazoles, imidazo[1,2-a]pyridines and 1H-pyrazoles. <i>Tetrahedron</i> , 2018, 74, 4242-4246.	1.0	24
93	Reduction of Diphenyl Diselenide and Analogs by Mammalian Thioredoxin Reductase Is Independent of Their Gluthathione Peroxidase-Like Activity: A Possible Novel Pathway for Their Antioxidant Activity. <i>Molecules</i> , 2010, 15, 7699-7714.	1.7	23
94	Simple and catalyst-free method for the synthesis of diaryl selenides by reactions of arylselenols and arenediazonium salts. <i>Tetrahedron Letters</i> , 2014, 55, 1057-1061.	0.7	23
95	Synthesis of Amino Acid-Derived 1,2,3-Triazoles: Development of a Nontrivial Fluorescent Sensor in Solution for the Enantioselective Sensing of a Carbohydrate and Bovine Serum Albumin Interaction. <i>Journal of Organic Chemistry</i> , 2018, 83, 1348-1357.	1.7	23
96	7-chloro-4-(phenylselenanyl) quinoline prevents dopamine depletion in a Drosophila melanogaster model of Parkinson's-like disease. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 54, 232-243.	1.5	23
97	Synthesis of 1,5-benzodiazepines derivatives using SiO <sub>2</sub> /ZnCl <sub>2</sub> . <i>Heteroatom Chemistry</i> , 2011, 22, 180-185.	0.4	22
98	Copper-Catalyzed Multicomponent Reactions: Synthesis of Fused 1,2,3-Triazololo[1,3,6]triazonines. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2579-2586.	1.2	22
99	Ultrasound-enhanced Ag-catalyzed decarboxylative coupling between $\alpha$ -keto acids and disulfides for the synthesis of thioesters. <i>Ultrasonics Sonochemistry</i> , 2018, 49, 41-46.	3.8	22
100	Ultrasound-Promoted One-Pot Synthesis of Mono- or Bis-Substituted Organylselanyl Pyrroles. <i>Journal of Organic Chemistry</i> , 2019, 84, 5471-5482.	1.7	22
101	Antiparasitic activity of 1,3-dioxolanes containing tellurium in <i>Trichomonas vaginalis</i> . <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 284-287.	2.5	21
102	Silver-catalyzed direct selenylation of terminal alkynes through C-H bond functionalization. <i>Molecular Catalysis</i> , 2017, 427, 73-79.	1.0	20
103	Insights into serotonergic and antioxidant mechanisms involved in antidepressant-like action of 2-phenyl-3-(phenylselenanyl)benzofuran in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 102, 109956.	2.5	20
104	C-H functionalization of (hetero)arenes: Direct selenylation mediated by Selectfluor. <i>Tetrahedron Letters</i> , 2020, 61, 152035.	0.7	20
105	A biochemical and toxicological study with diethyl 2-phenyl-2-tellurophenyl vinylphosphonate in a sub-chronic intraperitoneal treatment in mice. <i>Life Sciences</i> , 2007, 80, 1865-1872.	2.0	19
106	3-Iodoselenophene derivatives: a versatile substrate for Negishi cross-coupling reaction. <i>Tetrahedron Letters</i> , 2008, 49, 538-542.	0.7	19
107	Synthesis of benzoselenazoles and benzoselenazolines by cyclization of 2-amino-benzeneselenol with $\beta$ -dicarbonyl compounds. <i>Tetrahedron Letters</i> , 2015, 56, 2735-2740.	0.7	19
108	Ultrasound-promoted organocatalytic enamine azide [3 + 2] cycloaddition reactions for the synthesis of ((arylselanyl)phenyl-1,2,3-triazol-4-yl)ketones. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 694-702.	1.3	19

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109	Molecular iodine-catalyzed one-pot multicomponent synthesis of 5-amino-4-(arylselanyl)-1 <i>H</i> -pyrazoles. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 2789-2798.	1.3	18
110	7-Chloro-4-(Phenylselanyl) Quinoline with Memory Enhancer Action in Aging Rats: Modulation of Neuroplasticity, Acetylcholinesterase Activity, and Cholesterol Levels. <i>Molecular Neurobiology</i> , 2019, 56, 6398-6408.	1.9	18
111	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- $\kappa$ B signaling, and microglial activation. <i>Brain, Behavior, and Immunity</i> , 2022, 99, 177-191.	2.0	18
112	Copper catalyzed cross-coupling reactions of diaryl ditellurides with potassium aryltrifluoroborate salts. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 988-992.	0.6	17
113	Synthesis of fused 1,2,3-triazolo-1,3,6-triazonines through copper-catalyzed intramolecular Ullmann cross-coupling reaction. <i>Tetrahedron Letters</i> , 2016, 57, 4885-4889.	0.7	17
114	Copper-catalyzed synthesis of 1,3,5-triaryl-4-(organylselanyl)-1 <i>H</i> -pyrazoles by one-pot multicomponent reactions. <i>Tetrahedron Letters</i> , 2018, 59, 4090-4095.	0.7	17
115	Selenium- $\kappa$ NMR Spectroscopy in Organic Synthesis: From Structural Characterization Toward New Investigations. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 91-128.	1.3	16
116	Organoboron compounds as versatile reagents in the transition metal-catalyzed C-S, C-Se and C-Te bond formation. <i>Coordination Chemistry Reviews</i> , 2021, 442, 214012.	9.5	16
117	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, 31-36.	1.1	15
118	Contribution of dopaminergic and noradrenergic systems in the antinociceptive effect of $\pm$ -(phenylalanyl) acetophenone. <i>Pharmacological Reports</i> , 2017, 69, 871-877.	1.5	15
119	Synthesis of (arylselanyl)- and (arylsulfenyl)-alkyl-1,2,3-triazolo-1,3,6-triazonines via a copper-catalyzed multicomponent reaction. <i>Tetrahedron Letters</i> , 2018, 59, 1080-1083.	0.7	15
120	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.	1.7	15
121	NaBH <sub>4</sub> /[bmim]BF <sub>4</sub> : a new reducing system to access vinyl selenides and tellurides. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 2093-2099.	0.6	14
122	Synthesis of [(Arylselanyl)alkyl]-1,2,3-triazoles by Copper-Catalyzed 1,3-Dipolar Cycloaddition of (Arylselanyl)alkynes with Benzyl Azides. <i>Synthesis</i> , 2012, 44, 1997-2004.	1.2	14
123	Polyethylene glycol-400/H <sub>2</sub> O/PO <sub>2</sub> : an eco-friendly reductive system for the synthesis of selanylestere. <i>Organic Chemistry Frontiers</i> , 2015, 2, 1531-1535.	2.3	14
124	Selective Synthesis of Vinyl- or Alkynyl Chalcogenides from Glycerol and their Water-Soluble Derivatives. <i>ChemistrySelect</i> , 2016, 1, 2009-2013.	0.7	14
125	Synthesis of vinyl sulfides using glycerol as a recyclable solvent. <i>Arkivoc</i> , 2011, 2011, 272-282.	0.3	14
126	Vinyl telluride derivatives as promising pharmacological compounds with low toxicity. <i>Journal of Applied Toxicology</i> , 2008, 28, 839-848.	1.4	13



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