Diego Alves

List of Publications by Year in Descending Order

204 papers	4,188 citations	35 h-index	50 g-index
266 ext. papers	4,793 ext. citations	4.2 avg, IF	5.47 L-index

#	Paper	IF	Citations
204	Interface of Aging and Acute Peripheral Neuropathy Induced by Oxaliplatin in Mice: Target-Directed Approaches for Na, K-ATPase, Oxidative Stress, and 7-Chloro-4-(phenylselanyl) quinoline Therapy.. *Molecular Neurobiology*, **2022**, 59, 1766	6.2	1
203	Prospecting for a quinoline containing selenium for comorbidities depression and memory impairment induced by restriction stress in mice.. *Psychopharmacology*, **2022**, 239, 59	4.7	1
202	Organocatalytic Synthesis and Antitumor Activity of Novel 1,2,3-triazoles Derived from Fatty -ketoesters.. *Medicinal Chemistry*, **2022**, 18, 463-472	1.8	
201	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
200	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
199	QCTA-1, a quinoline derivative, ameliorates pentylenetetrazole-induced kindling and memory comorbidity in mice: Involvement of antioxidant system of brain.. *Pharmacology Biochemistry and Behavior*, **2022**, 215, 173357	3.9	0
198	Alternative energy source: synthesis of selenium compounds **2022**, 31-82		
197	Bis-triazolylchalcogenium-Functionalized Benzothiadiazole Derivatives as Light-up Sensors for DNA and BSA. *Journal of Organic Chemistry*, **2021**,	4.2	2
196	Synthesis and Antioxidant Activity of New Selenium-Containing Quinolines. *Medicinal Chemistry*, **2021**, 17, 667-676	1.8	1
195	Transition-Metal-Free C-S, C-Se, and C-Te Bond Formation from Organoboron Compounds. *Chemical Record*, **2021**, 21, 2855-2879	6.6	2
194	The neurotherapeutic role of a selenium-functionalized quinoline in hypothalamic obese rats. *Psychopharmacology*, **2021**, 238, 1937-1951	4.7	4
193	Effect of a purine derivative containing selenium to improve memory decline and anxiety through modulation of the cholinergic system and Na/K-ATPase in an Alzheimer's disease model. *Metabolic Brain Disease*, **2021**, 36, 871-888	3.9	4
192	Synthesis of 4-Arylselanyl-1-1,2,3-triazoles from Selenium-Containing Carbinols. *Molecules*, **2021**, 26,	4.8	2
191	Seleno-Functionalization of Quercetin Improves the Non-Covalent Inhibition of M and Its Antiviral Activity in Cells against SARS-CoV-2. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	9
190	Diethyl (2-(4-Phenyl-1H-1,2,3-triazol-1-yl)benzyl) Phosphate. *MolBank*, **2021**, 2021, M1223	0.5	
189	Alkynylselenium-functionalized benzothiadiazoles: Synthesis, photophysics, electrochemistry, and biomolecular interaction studies. *Dyes and Pigments*, **2021**, 185, 108910	4.6	6
188	7-chloro-4-(phenylselanyl) quinoline co-treatment prevent oxidative stress in diabetic-like phenotype induced by hyperglycidic diet in Drosophila melanogaster. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2021**, 239, 108892	3.2	3

187	Selenium-NMR Spectroscopy in Organic Synthesis: From Structural Characterization Toward New Investigations. *Asian Journal of Organic Chemistry*, **2021**, 10, 91-128	3	6
186	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
185	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
184	Role of 7-chloro-4-(phenylselanyl) quinoline in the treatment of oxaliplatin-induced hepatic toxicity in mice. *Canadian Journal of Physiology and Pharmacology*, **2021**, 99, 378-388	2.4	2
183	Organoboron compounds as versatile reagents in the transition metal-catalyzed C□, C□e and C□e bond formation. *Coordination Chemistry Reviews*, **2021**, 442, 214012	23.2	6
182	Selective Synthesis of 2-(1,2, 3-Triazoyl) Quinazolinones through Copper-Catalyzed Multicomponent Reaction. *Catalysts*, **2021**, 11, 1170	4	
181	4-Phenylselanyl-7-chloroquinoline attenuates hepatic injury triggered by neonatal exposure to monosodium glutamate in rats. *Life Sciences*, **2021**, 280, 119751	6.8	0
180	7-Chloro-4-(phenylselanyl) quinoline reduces renal oxidative stress induced by oxaliplatin in mice. *Canadian Journal of Physiology and Pharmacology*, **2021**, 99, 1102-1111	2.4	1
179	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
178	Insights into serotonergic and antioxidant mechanisms involved in antidepressant-like action of 2-phenyl-3-(phenylselanyl)benzofuran in mice. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2020**, 102, 109956	5.5	7
177	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
176	6. Synthesis of organoselenium compounds using nonconventional reaction media **2020**, 193-276		
175	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
174	Sonochemistry and Copper Catalysis: An Efficient Duo in the Synthesis of Chalcogenylindolizines. *Asian Journal of Organic Chemistry*, **2020**, 9, 1631-1637	3	5
173	Pharmacological modulation of Na, K-ATPase as a potential target for OXA-induced neurotoxicity: Correlation between anxiety and cognitive decline and beneficial effects of 7-chloro-4-(phenylselanyl) quinoline. *Brain Research Bulletin*, **2020**, 162, 282-290	3.9	3
172	Amnesia-ameliorative effect of a quinoline derivative through regulation of oxidative/cholinergic systems and Na/K-ATPase activity in mice. *Metabolic Brain Disease*, **2020**, 35, 589-600	3.9	2
171	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
170	Antinociceptive and anti-inflammatory effects of 4-(arylchalcogenyl)-1H-pyrazoles containing selenium or sulfur. *Pharmacological Reports*, **2020**, 72, 36-46	3.9	11

169	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
168	C H functionalization of (hetero)arenes: Direct selanylation mediated by Selectfluor. *Tetrahedron Letters*, **2020**, 61, 152035	2	15
167	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
166	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
165	Role of 7-chloro-4-(phenylselanyl) quinoline as an anti-aging drug fighting oxidative damage in different tissues of aged rats. *Experimental Gerontology*, **2020**, 130, 110804	4.5	7
164	Sequential Organocatalytic Synthesis of [1,2,3]Triazolo[1,5-a]quinolines. *Advanced Synthesis and Catalysis*, **2020**, 362, 5044-5055	5.6	6
163	Organocatalysis in the Synthesis of 1,2,3-Triazoyl-zidovudine Derivatives: Synthesis and Preliminary Antioxidant Activity. *ChemistrySelect*, **2020**, 5, 12255-12260	1.8	2
162	The anxiolytic effect of a promising quinoline containing selenium with the contribution of the serotonergic and GABAergic pathways: Modulation of parameters associated with anxiety in mice. *Behavioural Brain Research*, **2020**, 393, 112797	3.4	3
161	Fluorescent Benzoselenadiazoles: Synthesis, Characterization, and Quantification of Intracellular Lipid Droplets and Multicellular Model Staining. *Journal of Organic Chemistry*, **2020**, 85, 10561-10573	4.2	5
160	Synthesis of □-Hydroxyphosphonates Containing Functionalized 1,2,3-Triazoles. *ChemistrySelect*, **2020**, 5, 12487-12493	1.8	4
159	Advances in the Understanding of Oxaliplatin-Induced Peripheral Neuropathy in Mice: 7-Chloro-4-(Phenylselanyl) Quinoline as a Promising Therapeutic Agent. *Molecular Neurobiology*, **2020**, 57, 5219-5234	6.2	5
158	Dichalcogenides/Oxone□ -Mediated Cyclization of (Z)-Chalcogenoenynes under Ultrasound Irradiation. *ChemistrySelect*, **2020**, 5, 9813-9819	1.8	6
157	Ultrasound-assisted synthesis of imidazo[1,2-a]pyridines and sequential one-pot preparation of 3-selanyl-imidazo[1,2-a]pyridine derivatives. *Arkivoc*, **2020**, 2019, 6-23	0.9	6
156	Synthesis of Isoxazolines by the Electrophilic Chalcogenation of □,□-Unsaturated Oximes: Fishing Novel Anti-Inflammatory Agents. *Journal of Organic Chemistry*, **2019**, 84, 12452-12462	4.2	18
155	Organoselenotriazoles attenuate oxidative damage induced by mitochondrial dysfunction in mev-1 Caenorhabditis elegans mutants. *Journal of Trace Elements in Medicine and Biology*, **2019**, 53, 34-40	4.1	7
154	Synthesis of alkynyltellurides mediated by K3PO4 and DMSO. *New Journal of Chemistry*, **2019**, 43, 11091-11098	3.3	2
153	Copper-catalyzed Csp-chalcogen bond formation: Versatile approach to N-(3-(organochalcogenyl)prop-2-yn-1-yl)amides. *Tetrahedron*, **2019**, 75, 4017-4023	2.4	5
152	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

151	Transition metal catalysed direct selanylation of arenes and heteroarenes. *Dalton Transactions*, **2019**, 48, 9851-9905	4.3	24
150	Synthesis of 5H-Selenopheno[3,2-c]isochromen-5-ones Promoted by Dialkyl Diselenides and Oxone . *Advanced Synthesis and Catalysis*, **2019**, 361, 3403-3411	5.6	20
149	Keto Acids: Acylating Agents in Organic Synthesis. *Chemical Reviews*, **2019**, 119, 7113-7278	68.1	91
148	Ultrasound-Promoted One-Pot Synthesis of Mono- or Bis-Substituted Organylselanyl Pyrroles. *Journal of Organic Chemistry*, **2019**, 84, 5471-5482	4.2	15
147	Stability and Activity of Zn/MCM-41 Materials in Toluene Alkylation: Microwave Irradiation vs Continuous Flow. *Catalysts*, **2019**, 9, 136	4	3
146	7-Chloro-4-(Phenylselanyl) Quinoline with Memory Enhancer Action in Aging Rats: Modulation of Neuroplasticity, Acetylcholinesterase Activity, and Cholesterol Levels. *Molecular Neurobiology*, **2019**, 56, 6398-6408	6.2	12
145	Quinolines-1,2,3-triazolylcarboxamides exhibits antiparasitic activity in Trichomonas vaginalis. *Biotechnology Research and Innovation*, **2019**, 3, 265-274	10.1	
144	Polysaccharide-based superporous hydrogel embedded with copper nanoparticles: a green and versatile catalyst for the synthesis of 1,2,3-triazoles. *Catalysis Science and Technology*, **2019**, 9, 136-145	5.5	21
143	NMR chiral discrimination of chalcogen containing secondary alcohols. *Chirality*, **2019**, 31, 41-51	2.1	5
142	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
141	7-chloro-4-(phenylselanyl) quinoline prevents dopamine depletion in a Drosophila melanogaster model of Parkinson's-like disease. *Journal of Trace Elements in Medicine and Biology*, **2019**, 54, 232-243	4.1	15
140	Alternative Metal-Free Synthesis of Diorganoyl Selenides and Tellurides Mediated by Oxone . *Synlett*, **2018**, 29, 1479-1484	2.2	11
139	Synthesis of (arylselanyl)- and (arylsulfenyl)-alkyl-1,2,3-triazolo-1,3,6-triazonines via a copper-catalyzed multicomponent reaction. *Tetrahedron Letters*, **2018**, 59, 1080-1083	2	8
138	Organoselenium group is critical for antioxidant activity of 7-chloro-4-phenylselenyl-quinoline. *Chemico-Biological Interactions*, **2018**, 282, 7-12	5	23
137	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. *Journal of Organic Chemistry*, **2018**, 83, 1348-1357	4.2	17
136	Current advances of pharmacological properties of 7-chloro-4-(phenylselanyl) quinoline: Prevention of cognitive deficit and anxiety in Alzheimer's disease model. *Biomedicine and Pharmacotherapy*, **2018**, 105, 1006-1014	7.5	28
135	Ultrasound-enhanced Ag-catalyzed decarboxylative coupling between keto acids and disulfides for the synthesis of thioesters. *Ultrasonics Sonochemistry*, **2018**, 49, 41-46	8.9	18
134	(phenylselanyl) acetophenone mitigates reserpine-induced pain-depression dyad: Behavioral, biochemical and molecular docking evidences. *Brain Research Bulletin*, **2018**, 142, 129-137	3.9	19

133	Selenium dioxide-promoted selective synthesis of mono- and bis-sulfenylindoles. *Organic Chemistry Frontiers*, **2018**, 5, 1983-1991	5.2	18
132	Synthesis of symmetrical and unsymmetrical tellurides via silver catalysis. *New Journal of Chemistry*, **2018**, 42, 15603-15609	3.6	4
131	(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
130	Oxone -mediated direct arylselenylation of imidazo[2,1-b]thiazoles, imidazo[1,2-a]pyridines and 1H-pyrazoles. *Tetrahedron*, **2018**, 74, 4242-4246	2.4	17
129	Therapeutic and technological potential of 7-chloro-4-phenylselanyl quinoline for the treatment of atopic dermatitis-like skin lesions in mice. *Materials Science and Engineering C*, **2018**, 84, 90-98	8.3	21
128	Copper Catalysis and Organocatalysis Showing the Way: Synthesis of Selenium-Containing Highly Functionalized 1,2,3-Triazoles. *Chemical Record*, **2018**, 18, 527-542	6.6	23
127	Molecular iodine-catalyzed one-pot multicomponent synthesis of 5-amino-4-(arylselanyl)-1-pyrazoles. *Beilstein Journal of Organic Chemistry*, **2018**, 14, 2789-2798	2.5	10
126	Copper-catalyzed synthesis of 1,3,5-triaryl-4-(organylselanyl)-1H-pyrazoles by one-pot multicomponent reactions. *Tetrahedron Letters*, **2018**, 59, 4090-4095	2	10
125	Bisarylselanylbenzo-2,1,3-selenadiazoles: Synthesis, Photophysical, Electrochemical and Singlet-Oxygen-Generation Properties. *European Journal of Organic Chemistry*, **2018**, 2018, 6507-6514	3.2	9
124	Sonochemistry in organocatalytic enamine-azide [3+2] cycloadditions: A rapid alternative for the synthesis of 1,2,3-triazoyl carboxamides. *Ultrasonics Sonochemistry*, **2017**, 34, 107-114	8.9	18
123	Antiparasitic activity of 1,3-dioxolanes containing tellurium in Trichomonas vaginalis. *Biomedicine and Pharmacotherapy*, **2017**, 89, 284-287	7.5	15
122	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
121	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
120	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
119	Further analysis of acute antinociceptive and anti-inflammatory actions of 4-phenylselenyl-7-chloroquinoline in mice. *Fundamental and Clinical Pharmacology*, **2017**, 31, 513-525	3.1	21
118	Insights into the differential toxicological and antioxidant effects of 4-phenylchalcogenil-7-chloroquinolines in Caenorhabditis elegans. *Free Radical Biology and Medicine*, **2017**, 110, 133-141	7.8	32
117	Keto Acids as Acylating Agents in the Synthesis of 2-Substituted Benzothiazoles and Benzoselenazoles. *European Journal of Organic Chemistry*, **2017**, 2017, 3830-3836	3.2	24
116	Contribution of dopaminergic and noradrenergic systems in the antinociceptive effect of (phenylalanyl) acetophenone. *Pharmacological Reports*, **2017**, 69, 871-877	3.9	13

115	Copper-Catalyzed Multicomponent Reactions: Synthesis of Fused 1,2,3-Triazolo-1,3,6-triazonines. *European Journal of Organic Chemistry*, **2017**, 2017, 2579-2586	3.2	16
114	Synthesis of 2-acyl-benzo[1,3-d]selenazoles via domino oxidative cyclization of methyl ketones with bis(2-aminophenyl) diselenide. *New Journal of Chemistry*, **2017**, 41, 1483-1487	3.6	8
113	Computational and biological evidences on the serotonergic involvement of SeTACN antidepressant-like effect in mice. *PLoS ONE*, **2017**, 12, e0187445	3.7	2
112	Ultrasound-promoted organocatalytic enamine-azide [3 + 2] cycloaddition reactions for the synthesis of ((arylselanyl)phenyl-1-1,2,3-triazol-4-yl)ketones. *Beilstein Journal of Organic Chemistry*, **2017**, 13, 694-702	2.5	14
111	7-Chloro-4-phenylsulfonyl quinoline, a new antinociceptive and anti-inflammatory molecule: Structural improvement of a quinoline derivate with pharmacological activity. *Regulatory Toxicology and Pharmacology*, **2017**, 90, 72-77	3.4	17
110	Synthesis of Terminal Ethynyl Aryl Selenides and Sulfides Based on the Retro-Favorskii Reaction of Hydroxypropargyl Precursors. *Chemistry - A European Journal*, **2017**, 23, 13760-13765	4.8	5
109	Et2NH-Mediated 1,3-Dipolar Cycloaddition: Synthesis of 1-(2-(Organylselanyl)pyridin-3-yl)-1H-1,2,3-triazole-4-carboxylate Derivatives. *ChemistrySelect*, **2017**, 2, 6645-6649	1.8	4
108	Copper-Catalyzed Selective Synthesis of 5-Selanyl-imidazo[2,1-b]thiazoles. *ChemistrySelect*, **2017**, 2, 10793-10797	1.8	7
107	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
106	Organoselenium compounds from purines: Synthesis of 6-arylselanylpurines with antioxidant and anticholinesterase activities and memory improvement effect. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 6718-6723	3.4	21
105	A simple method for the synthesis of 4-arylselanyl-7-chloroquinolines used as in vitro acetylcholinesterase inhibitors and in vivo memory improvement. *Tetrahedron Letters*, **2017**, 58, 3319-3322	2	27
104	4-phenylselenyl-7-chloroquinoline, a novel multitarget compound with anxiolytic activity: Contribution of the glutamatergic system. *Journal of Psychiatric Research*, **2017**, 84, 191-199	5.2	44
103	Silver-catalyzed direct selenylation of terminal alkynes through CH bond functionalization. *Molecular Catalysis*, **2017**, 427, 73-79	3.3	16
102	Glycerol as Precursor of Organoselanyl and Organotellanyl Alkynes. *Molecules*, **2017**, 22,	4.8	3
101	Glycerol as a Solvent in Organic Synthesis. *Revista Virtual De Quimica*, **2017**, 9, 192-237	1.3	2
100	Synthesis of fused 1,2,3-triazolo-1,3,6-triazonines through copper-catalyzed intramolecular Ullmann cross-coupling reaction. *Tetrahedron Letters*, **2016**, 57, 4885-4889	2	13
99	Water-Dependent Selective Synthesis of Mono- or Bis-Selanyl Alkenes from Terminal Alkynes. *ChemistrySelect*, **2016**, 1, 4289-4294	1.8	4
98	Selective Synthesis of Vinyl- or Alkynyl Chalcogenides from Glycerol and their Water-Soluble Derivatives. *ChemistrySelect*, **2016**, 1, 2009-2013	1.8	10

97	Niobium-promoted reaction of α-phenylglyoxylic acid with ortho-functionalized anilines: synthesis of 2-arylbenzothiazoles and 3-aryl-2H-benzo[b][1,4]benzoxazin-2-ones. *Green Chemistry*, **2016**, 18, 6675-6680	10	26
96	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
95	Selective Synthesis of 4-Chalcogenylmethyl-1,3-dioxolan-2-ones and 1,3-Bis(organylchalcogenyl)propan-2-ols from 3-O-Tosyl Glycerol 1,2-Carbonate. *ChemistrySelect*, **2016**, 1, 6238-6242	1.8	2
94	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
93	Bis-arylsulfenyl- and bis-arylselanyl-benzo-2,1,3-thiadiazoles: synthesis and photophysical characterization. *RSC Advances*, **2016**, 6, 49613-49624	3.7	34
92	Silver-Catalyzed Synthesis of Diaryl Selenides by Reaction of Diaryl Diselenides with Aryl Boronic Acids. *Journal of Organic Chemistry*, **2016**, 81, 11472-11476	4.2	37
91	Synthesis of Organochalcogen Compounds using Non-Conventional Reaction Media. *ChemistrySelect*, **2016**, 1, 205-258	1.8	61
90	Synthesis of benzoselenazoles and benzoselenazolines by cyclization of 2-amino-benzeneselenol with α-dicarbonyl compounds. *Tetrahedron Letters*, **2015**, 56, 2735-2740	2	14
89	Polyethylene glycol-400/H3PO2: an eco-friendly reductive system for the synthesis of selanylesters. *Organic Chemistry Frontiers*, **2015**, 2, 1531-1535	5.2	10
88	Evaluation of the toxicity of α-(phenylselanyl) acetophenone in mice. *Regulatory Toxicology and Pharmacology*, **2015**, 73, 868-74	3.4	9
87	Essential oil of Psidium cattleianum leaves: antioxidant and antifungal activity. *Pharmaceutical Biology*, **2015**, 53, 242-50	3.8	20
86	Direct Synthesis of 4-Organylselanylpyrazoles by Copper- Catalyzed One-Pot Cyclocondensation and C?H Bond Selenylation Reactions. *Advanced Synthesis and Catalysis*, **2015**, 357, 4041-4049	5.6	26
85	7-Chloroquinoline-1,2,3-triazoyl Carboxylates: Organocatalytic Synthesis and Antioxidant Properties. *Journal of the Brazilian Chemical Society*, **2015**,	1.5	3
84	An Efficient and Recyclable Nanoparticle-Supported Cobalt Catalyst for Quinoxaline Synthesis. *Molecules*, **2015**, 20, 20709-18	4.8	7
83	Microwave Assisted Rapid Synthesis of (Arylselanyl)phenyl-1H-1,2,3-triazoles by Copper Catalyzed 1,3-Dipolar Cycloaddition. *Current Microwave Chemistry*, **2015**, 3, 14-23	0.7	7
82	Sonochemistry: An efficient alternative to the synthesis of 3-selanylindoles using CuI as catalyst. *Ultrasonics Sonochemistry*, **2015**, 27, 192-199	8.9	51
81	Copper-Catalyzed Direct Arylselenation of Anilines by C?H Bond Cleavage. *Advanced Synthesis and Catalysis*, **2015**, 357, 933-939	5.6	48
80	Room-Temperature Organocatalytic Cycloaddition of Azides with β-Keto Sulfones: Toward Sulfonyl-1,2,3-triazoles. *Organic Letters*, **2015**, 17, 6206-9	6.2	55

79	Synthesis, characterization and antioxidant activity of organoselenium and organotellurium compound derivatives of chrysin. *New Journal of Chemistry*, **2015**, 39, 3043-3050	3.6	39
78	Copper-Catalyzed One-Pot Multicomponent Reactions: Synthesis of 4-Arylsulfenyl Pyrazoles. *Current Organic Synthesis*, **2015**, 12, 822-829	1.9	9
77	Synthesis of 4-Arylselanylpyrazoles Through Cyclocondensation Reaction Using Glycerol as Solvent. *Journal of the Brazilian Chemical Society*, **2015**,	1.5	2
76	Direct synthesis of 4-organylsulfenyl-7-chloro quinolines and their toxicological and pharmacological activities in Caenorhabditis elegans. *European Journal of Medicinal Chemistry*, **2014** , 75, 448-59	6.8	25
75	Recoverable Cu/SiO2 composite-catalysed click synthesis of 1,2,3-triazoles in water media. *New Journal of Chemistry*, **2014**, 38, 1410-1417	3.6	59
74	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
73	Organochalcogen compounds from glycerol: synthesis of new antioxidants. *Bioorganic and Medicinal Chemistry*, **2014**, 22, 6242-9	3.4	26
72	An efficient one-pot strategy for the highly regioselective metal-free synthesis of 1,4-disubstituted-1,2,3-triazoles. *Chemical Communications*, **2014**, 50, 11926-9	5.8	63
71	Metal and base-free synthesis of arylselanyl anilines using glycerol as a solvent. *Green Chemistry*, **2014**, 16, 3854	10	35
70	Synthesis of (Z)-N-alkenyl-β-arylselanyl imidazoles via additive-free nucleophilic addition of imidazole to arylselanylalkynes. *Tetrahedron Letters*, **2014**, 55, 992-995	2	4
69	Organocatalytic Synthesis of (Arylselanyl)phenyl-1H-1,2,3-triazole-4-carboxamides by Cycloaddition between Azidophenyl Arylselenides and β-Oxo-amides. *European Journal of Organic Chemistry*, **2014**, 2014, 1059-1065	3.2	70
68	Simple and catalyst-free method for the synthesis of diaryl selenides by reactions of arylselenols and arenediazonium salts. *Tetrahedron Letters*, **2014**, 55, 1057-1061	2	20
67	Synthesis of 2-Substituted 1,3-Benzoselenazoles from Carboxylic Acids Promoted by Tributylphosphine. *European Journal of Organic Chemistry*, **2014**, 2014, 6945-6952	3.2	22
66	Synthesis of β-Aryl-β-sulfanyl Ketones by a Sequential One-Pot Reaction Using KF/Al2O3 in Glycerol. *Synthetic Communications*, **2014**, 44, 49-58	1.7	8
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64	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
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