

# Claudio Santi

## List of Publications by Citations

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180  
papers

4,783  
citations

37  
h-index

58  
g-index

267  
ext. papers

5,660  
ext. citations

3.5  
avg, IF

5.64  
L-index

#	Paper	IF	Citations
180	Green chemistry with selenium reagents: development of efficient catalytic reactions. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 8409-11	16.4	268
179	Fluorine-Containing Drugs Approved by the FDA in 2018. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 11797-8181	12.13	13
178	The green side of the moon: ecofriendly aspects of organoselenium chemistry <i>RSC Advances</i> , <b>2014</b> , 4, 31521-31535	3.7	145
177	Design and Synthesis of DiselenoBisBenzamides (DISEBAs) as Nucleocapsid Protein 7 (NCp7) Inhibitors with anti-HIV Activity. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 9601-14	8.3	124
176	Organoselenium Compounds as Catalysts in Nature and Laboratory. <i>Current Organic Chemistry</i> , <b>2010</b> , 14, 2442-2462	1.7	122
175	Asymmetric azidoselenenylation of alkenes: a key step for the synthesis of enantiomerically enriched nitrogen-containing compounds. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 3131-3	16.4	106
174	Catalytic chalcogenylation under greener conditions: a solvent-free sulfur- and seleno-functionalization of olefins via I <sub>2</sub> /DMSO oxidant system. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 2120-7	4.2	96
173	Eco-Friendly Olefin Dihydroxylation Catalyzed by Diphenyl Diselenide. <i>Advanced Synthesis and Catalysis</i> , <b>2008</b> , 350, 2881-2884	5.6	91
172	Preparation of a new chiral non-racemic sulfur-containing diselenide and applications in asymmetric synthesis. <i>Chemistry - A European Journal</i> , <b>2002</b> , 8, 1118-24	4.8	88
171	New Frontiers in Organoselenium Compounds <b>2018</b> ,		80
170	Selenium Containing Compounds from Poison to Drug Candidates: A Review on the GPx-like Activity. <i>Current Chemical Biology</i> , <b>2013</b> , 7, 25-36	0.4	74
169	Preparation of the First Bench-Stable Phenyl Selenolate: an Interesting On Water Nucleophilic Reagent. <i>European Journal of Organic Chemistry</i> , <b>2008</b> , 2008, 5387-5390	3.2	74
168	Stereoselective selenium catalyzed dihydroxylation and hydroxymethoxylation of alkenes. <i>Tetrahedron</i> , <b>2012</b> , 68, 10530-10535	2.4	73
167	New nitrogen containing chiral diselenides: synthesis and asymmetric addition reactions to olefins. <i>Tetrahedron: Asymmetry</i> , <b>2000</b> , 11, 4645-4650		64
166	A Simple Zinc-Mediated Preparation of Selenols. <i>Synlett</i> , <b>2008</b> , 2008, 1471-1474	2.2	59
165	Glutathione S-transferase pi expression regulates the Nrf2-dependent response to hormetic diselenides. <i>Free Radical Biology and Medicine</i> , <b>2015</b> , 88, 466-480	7.8	58
164	Selenocompounds in Cancer Therapy: An Overview. <i>Advances in Cancer Research</i> , <b>2017</b> , 136, 259-302	5.9	58

163	Synthesis and biological evaluation of new nitrogen-containing diselenides. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 87, 131-9	6.8	57
162	Selenium Catalyzed Oxidation of Aldehydes: Green Synthesis of Carboxylic Acids and Esters. <i>Molecules</i> , <b>2015</b> , 20, 10496-510	4.8	57
161	Current Knowledge on Selenium Biofortification to Improve the Nutraceutical Profile of Food: A Comprehensive Review. <i>Journal of Agricultural and Food Chemistry</i> , <b>2020</b> , 68, 4075-4097	5.7	56
160	Oxidation of thiols promoted by PhSeZnCl. <i>Tetrahedron Letters</i> , <b>2012</b> , 53, 232-234	2	56
159	Grüne Chemie mit Selenreagentien: Entwicklung effizienter katalytischer Reaktionen. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 8559-8562	3.6	56
158	Synthesis of non-racemic nitrogen-containing diselenides as efficient precursor catalysts in the diethylzinc addition to benzaldehyde. <i>Tetrahedron: Asymmetry</i> , <b>1999</b> , 10, 1019-1023		52
157	Sonochemistry: An efficient alternative to the synthesis of 3-selanylindoles using CuI as catalyst. <i>Ultrasonics Sonochemistry</i> , <b>2015</b> , 27, 192-199	8.9	51
156	On water preparation of phenylselenoesters. <i>Green Chemistry</i> , <b>2012</b> , 14, 1277	10	51
155	Efficient asymmetric selenomethoxylation and selenohydroxylation of alkenes with a new sulfur containing chiral diselenide. <i>Tetrahedron Letters</i> , <b>2000</b> , 41, 3241-3245	2	49
154	Efficient asymmetric selenocyclizations of alkenyl oximes into cyclic nitrones and 1,2-oxazines promoted by sulfur containing diselenides. <i>Tetrahedron: Asymmetry</i> , <b>2001</b> , 12, 3297-3304		45
153	A new vinyl selenone-based domino approach to spirocyclopropyl oxindoles endowed with anti-HIV RT activity. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 2015-24	3.9	44
152	Diphenyl diselenide derivatives inhibit microbial biofilm formation involved in wound infection. <i>BMC Microbiology</i> , <b>2016</b> , 16, 220	4.5	42
151	Vinyl Substitutions Promoted by PhSeZnCl: Synthetic and Theoretical Investigations. <i>European Journal of Organic Chemistry</i> , <b>2009</b> , 2009, 4921-4925	3.2	42
150	A general phosphoric acid-catalyzed desymmetrization of meso-aziridines with silylated selenium nucleophiles. <i>Organic and Biomolecular Chemistry</i> , <b>2011</b> , 9, 6205-7	3.9	41
149	Asymmetric selenomethoxylation of alkenes with camphorseelenenyl sulfate. <i>Tetrahedron Letters</i> , <b>1998</b> , 39, 2809-2812	2	41
148	Asymmetric oxyselenenylation/selenenylation reactions of alkenes induced by camphor diselenide and ammonium persulfate. A convenient one-pot synthesis of enantiomerically enriched allylic alcohols and ethers. <i>Tetrahedron: Asymmetry</i> , <b>1999</b> , 10, 747-757		41
147	An Update on Selenium Containing Compounds from Poison to Drug Candidates: A Review on the GPx-like Activity. <i>Current Chemical Biology</i> , <b>2016</b> , 9, 97-112	0.4	40
146	Ultrasound-Assisted Multicomponent Reactions, Organometallic and Organochalcogen Chemistry. <i>Asian Journal of Organic Chemistry</i> , <b>2018</b> , 7, 2368-2385	3	40

- 145 Ring-closure reactions through intramolecular displacement of the phenylselenonyl group by nitrogen nucleophiles: a new stereospecific synthesis of N-tosyl and N-benzoyl-1,3-oxazolidin-2-ones from beta-hydroxyalkyl phenyl selenides. *Chemistry - A European Journal*, **2004**, *10*, 1752-64 4.8 38
- 144 Catalytic Oxyseleenylation/Deselenenylation Reactions of Alkenes | Stereoselective One-Pot Conversion of 3-Alkenols into 2,5-Dihydrofurans. *European Journal of Organic Chemistry*, **1999**, *1999*, 797-803 3.2 37
- 143 Synthesis of a new chiral nitrogen containing diselenide as a precursor for selenium electrophiles. *Tetrahedron: Asymmetry*, **1998**, *9*, 3625-3628 36
- 142 Intramolecular Nonbonding Interactions between Selenium and Sulfur | Spectroscopic Evidence and Importance in Asymmetric Synthesis. *European Journal of Organic Chemistry*, **2006**, *2006*, 4867-4873 3.2 36
- 141 A chiral electrophilic selenium reagent to promote the kinetic resolution of racemic allylic alcohols. *Organic Letters*, **2004**, *6*, 4751-3 6.2 36
- 140 A sulfur-containing diselenide as an efficient chiral reagent in asymmetric selenocyclization reactions. *Tetrahedron: Asymmetry*, **2001**, *12*, 1493-1502 36
- 139 On-Water | Michael-Type Addition Reactions Promoted by PhSeZnCl. *European Journal of Organic Chemistry*, **2011**, *2011*, 1848-1851 3.2 35
- 138 Synthesis of enantiomerically enriched  $\beta$ -hydroxy selenides by catalytic asymmetric ring opening of meso-epoxides with (phenylseleno)silanes. *Tetrahedron*, **2008**, *64*, 3337-3342 2.4 35
- 137 Synthesis of Substituted Se-Phenyl Selenocarboxylates from Terminal Alkynes. *European Journal of Organic Chemistry*, **2004**, *2004*, 3447-3458 3.2 35
- 136 Optically active isoxazolidines and 1,3-amino alcohols by asymmetric selenocyclization reactions of O-allyl oximes. *Tetrahedron: Asymmetry*, **2001**, *12*, 3053-3059 35
- 135 Colloidal nickel(0)-carboxymethyl cellulose particles: A biopolymer-inorganic catalyst for hydrogenation of nitro-aromatics and carbonyl compounds. *Catalysis Communications*, **2013**, *32*, 92-100 3.2 34
- 134 Catalytic conversion of  $\alpha,\beta$ -unsaturated esters, amides and nitriles into  $\beta$ -alkoxy or  $\beta$ -hydroxy  $\alpha,\beta$ -unsaturated derivatives induced by persulfate anion oxidation of diphenyl diselenide. *Journal of the Chemical Society Chemical Communications*, **1993**, 637-639 34
- 133 Selenium Catalysed Conversion of  $\alpha,\beta$ -Unsaturated Acids into Butenolides. *Synlett*, **1993**, *1993*, 798-800 2.2 34
- 132 Reaction kinetics and targeting to cellular glutathione S-transferase of the glutathione peroxidase mimetic PhSeZnCl and its D,L-poly lactide microparticle formulation. *Free Radical Biology and Medicine*, **2015**, *78*, 56-65 7.8 33
- 131 Stereocontrolled synthesis of substituted N-arenesulfonyl azetidines from gamma-(phenylseleno)alkyl arylsulfonamides. *Organic and Biomolecular Chemistry*, **2007**, *5*, 3510-9 3.9 32
- 130 Enantioselective synthesis of heterocyclic compounds mediated by organoselenium reagents. *Arkivoc*, **2006**, *2006*, 186-206 0.9 32
- 129 NCp7: targeting a multitasking protein for next-generation anti-HIV drug development part 1: covalent inhibitors. *Drug Discovery Today*, **2018**, *23*, 260-271 8.8 32
- 128 Synthesis of enantiomerically pure 1,4-dioxanes from alkenes promoted by organoselenium reagents. *Tetrahedron: Asymmetry*, **2003**, *14*, 1095-1102 29

- 127 Asymmetric synthesis of thioamido selenides. A simple synthetic route to enantiopure thiazolines. *Tetrahedron: Asymmetry*, **2002**, 13, 429-435 28
- 126 Asymmetric Amidoselenenylation of Alkenes Promoted by Camphorselenenyl Sulfate: A Useful Synthetic Route to Enantiopure Oxazolines. *European Journal of Organic Chemistry*, **2000**, 2000, 3451-3457 28
- 125 Electrophilic Azido Selenenylation of Alkenes. A Simple Synthetic Route to Racemic Taxol Side Chain. *Synthetic Communications*, **1998**, 28, 2167-2179 1.7 28
- 124 Synthesis of 4-Organoselanyl-1H-pyrazoles: Oxone<sup>®</sup>-Mediated Electrophilic Cyclization of  $\beta$ -Alkynyl Hydrazones by Using Diorganyl Diselenides. *Synthesis*, **2019**, 51, 2293-2304 2.9 27
- 123 Selenium promoted synthesis of enantiopure pyrrolidines starting from chiral aminoalcohols. *Tetrahedron: Asymmetry*, **2007**, 18, 2758-2767 27
- 122 Synthesis of enantiomerically pure substituted tetrahydrofurans from epoxides and phenylselenium reagents. *Tetrahedron: Asymmetry*, **2004**, 15, 405-412 27
- 121 Selenium-Catalyzed Oxacyclization of Alkenoic Acids and Alkenols. *Asian Journal of Organic Chemistry*, **2017**, 6, 988-992 3 26
- 120 Niobium-promoted reaction of  $\beta$ -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 26
- 119 Oxidation of Diphenyl Diselenide with 2,3-Dichloro-5,6-dicyanobenzoquinone (DDQ). A New Method for the Electrophilic Phenylselenenylation of Alkenes under Mild Conditions. *Synlett*, **2001**, 2001, 1767-1771 2.2 26
- 118 NCp7: targeting a multitask protein for next-generation anti-HIV drug development part 2. Noncovalent inhibitors and nucleic acid binders. *Drug Discovery Today*, **2018**, 23, 687-695 8.8 25
- 117 Vinyl selenones: annulation agents for the synthesis of six-membered benzo-1,4-heterocyclic compounds. *Tetrahedron*, **2013**, 69, 481-486 2.4 25
- 116 Flow Biocatalysis: A Challenging Alternative for the Synthesis of APIs and Natural Compounds. *International Journal of Molecular Sciences*, **2021**, 22, 6.3 25
- 115  $\beta$ -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
- 114 New Chiral Ebselen Analogues with Antioxidant and Cytotoxic Potential. *Molecules*, **2017**, 22, 4.8 24
- 113 Selenium-promoted synthesis of enantiomerically pure substituted morpholines starting from alkenes and chiral aminoalcohols. *Tetrahedron: Asymmetry*, **2003**, 14, 2651-2657 24
- 112 Synthesis of enantiomerically pure perhydrofuro[3,4-b]pyrans and perhydrofuro[3,4-b]furans. *Tetrahedron: Asymmetry*, **2004**, 15, 1949-1955 23
- 111 Asymmetric Azidoselenenylation of Alkenes: A Key Step for the Synthesis of Enantiomerically Enriched Nitrogen-Containing Compounds. *Angewandte Chemie*, **2003**, 115, 3239-3241 3.6 23
- 110 Advances in Electrophilic Organochalcogen Reagents. *Current Organic Chemistry*, **2015**, 20, 122-135 1.7 23

109	Insights in Behavior of Variably Formulated Alginate-Based Microcapsules for Cell Transplantation. <i>BioMed Research International</i> , <b>2015</b> , 2015, 965804	3	22
108	Selenomethoxylation of Alkenes Promoted by Oxone <sup>®</sup> . <i>European Journal of Organic Chemistry</i> , <b>2018</b> , 2018, 1224-1229	3.2	21
107	Diastereo and Enantioselective Synthesis of 1,2-Diols Promoted by Electrophilic Selenium Reagents. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2008</b> , 183, 956-960	1	21
106	Intramolecular addition of carbon radicals to aldehydes: synthesis of enantiopure tetrahydrofuran-3-ols. <i>Tetrahedron</i> , <b>2007</b> , 63, 5482-5489	2.4	20
105	Selenium-induced cyclization of O-allyl oximes as a synthetic route to N-alkyl isoxazolidines. <i>Tetrahedron</i> , <b>1995</b> , 51, 1277-1284	2.4	20
104	A new class of silica-supported chromo-fluorogenic chemosensors for anion recognition based on a selenourea scaffold. <i>Chemical Communications</i> , <b>2017</b> , 53, 3729-3732	5.8	19
103	Charge-displacement analysis as a tool to study chalcogen bonded adducts and predict their association constants in solution. <i>Dalton Transactions</i> , <b>2015</b> , 44, 20168-75	4.3	19
102	Ultrasound-Promoted Radical Synthesis of 5-Methylselanyl-4,5-dihydroisoxazoles. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 586-592	3.2	19
101	Agarsenone, a Cadinane Sesquiterpenoid from <i>Commiphora erythraea</i> . <i>Journal of Natural Products</i> , <b>2013</b> , 76, 1254-9	4.9	19
100	Synthesis of $\beta$ -lactams via a domino Michael addition/cyclization reaction of vinyl selenone with substituted amides. <i>Tetrahedron Letters</i> , <b>2013</b> , 54, 6755-6757	2	19
99	New synthesis of isoxazolidines from the selenium-induced cyclization of O-allyl hydroxylamines. <i>Tetrahedron Letters</i> , <b>1995</b> , 36, 163-166	2	19
98	Water and Aqueous Mixtures as Convenient Alternative Media for Organoselenium Chemistry. <i>Molecules</i> , <b>2016</b> , 21,	4.8	19
97	Selenium dioxide-promoted selective synthesis of mono- and bis-sulfenylindoles. <i>Organic Chemistry Frontiers</i> , <b>2018</b> , 5, 1983-1991	5.2	18
96	A Recyclable Biphasic System for Stereoselective and Easily Handled Hydrochalcogenations. <i>European Journal of Organic Chemistry</i> , <b>2014</b> , 2014, 5968-5975	3.2	18
95	Synthesis of enantiomerically pure $\beta$ -azidoselenides starting from natural terpenes. <i>Tetrahedron</i> , <b>2007</b> , 63, 12373-12378	2.4	18
94	Organoselenium mediated asymmetric cyclizations. Synthesis of enantiomerically pure 1,6-dioxaspiro[4.4]nonanes. <i>Tetrahedron: Asymmetry</i> , <b>2006</b> , 17, 2768-2774		18
93	The Thiol-Modifier Effects of Organoselenium Compounds and Their Cytoprotective Actions in Neuronal Cells. <i>Neurochemical Research</i> , <b>2021</b> , 46, 120-130	4.6	18
92	One-Pot Conversion of Alkenes into Oxazolines and Oxazolidin-2-Ones Promoted by Diphenyl Diselenide. <i>Synthetic Communications</i> , <b>1997</b> , 27, 4131-4140	1.7	17

91	Diselenides and Benzeneselenazoles as Antiproliferative Agents and Glutathione-S-Transferase Inhibitors. <i>Molecules</i> , <b>2019</b> , 24,	4.8	16
90	Selective continuous flow synthesis of hydroxy lactones from alkenoic acids. <i>Reaction Chemistry and Engineering</i> , <b>2017</b> , 2, 467-471	4.9	16
89	Phenylselenenyl sulfate induced cyclization of allylhydrazines. Synthesis of pyrazole derivatives. <i>Tetrahedron</i> , <b>1997</b> , 53, 4441-4446	2.4	16
88	Pyrrolidinamine, piperidinamine and tetrahydropyridazine derivatives from selenium promoted cyclization of alkenyl phenylhydrazones. <i>Tetrahedron</i> , <b>1997</b> , 53, 7311-7318	2.4	16
87	Factors controlling the selenium-induced cyclizations of alkenyl hydrazines to pyridazine or pyrrolidinamine derivatives. <i>Tetrahedron</i> , <b>1997</b> , 53, 10591-10602	2.4	16
86	Asymmetric Selenohydroxylation of Alkenes with Camphorselenenyl Sulfate. <i>European Journal of Organic Chemistry</i> , <b>1998</b> , 1998, 2275-2277	3.2	16
85	Asymmetric Syntheses Promoted by Organoselenium Reagents. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2005</b> , 180, 729-740	1	16
84	DES as a green solvent to prepare 1,2-bis-organylseleno alkenes. Scope and limitations. <i>Tetrahedron Letters</i> , <b>2015</b> , 56, 6890-6895	2	15
83	Organic Diselenides: Versatile Reagents, Precursors, and Intriguing Biologically Active Compounds. <i>Chimia</i> , <b>2017</b> , 71, 592-595	1.3	15
82	A mild and efficient method for the synthesis of a new optically active diallyl selenide and its catalytic activity in the allylic chlorination of natural terpenes. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 3395-3399	3.6	15
81	Synthesis, characterization and in vitro extracellular and intracellular activity against Mycobacterium tuberculosis infection of new second-line antitubercular drug-palladium complexes. <i>Journal of Pharmacy and Pharmacology</i> , <b>2014</b> , 66, 106-21	4.8	15
80	New Prospective For Redox Modulation Mediated by Organo selenium and Organotellurium Compounds. <i>Current Organic Chemistry</i> , <b>2017</b> , 21,	1.7	15
79	Ebselen and Analogues: Pharmacological Properties and Synthetic Strategies for Their Preparation. <i>Molecules</i> , <b>2021</b> , 26,	4.8	15
78	Short Synthesis of (R)- and (S)-4-Amino-3-Hydroxybutyric Acid (GABOB). <i>Synthesis</i> , <b>2005</b> , 2005, 579-582	2.9	14
77	Electrophilic 2-Thienylselenenylation of Thiophene. Preparation of Oligo(seleno-2,5-thienylenes). <i>Tetrahedron</i> , <b>2000</b> , 56, 3255-3260	2.4	14
76	Oxone-Mediated Oxidation of Vinyl Selenides in Water. <i>European Journal of Organic Chemistry</i> , <b>2018</b> , 2018, 3914-3919	3.2	13
75	Induction of reactive oxygen species by diphenyl diselenide is preceded by changes in cell morphology and permeability in <i>Saccharomyces cerevisiae</i> . <i>Free Radical Research</i> , <b>2017</b> , 51, 657-668	4	13
74	Electrophilic Selenium <b>2011</b> , 1-51		13

- 73 Synthesis of enantiomerically pure perhydrofuro[2,3-b]furans. *Tetrahedron: Asymmetry*, **2005**, 16, 2429-2435 13
- 72 Conjugated Additions of Selenium Containing Enolates to Enones [Enantioselective Synthesis of  $\alpha$ -Oxo- $\beta$ -Seleno Esters and Their Facile Transformations. *European Journal of Organic Chemistry*, **2005**, 2005, 543-551 3.2 13
- 71 Oxidation of Alkynes in Aqueous Media Catalyzed by Diphenyl Diselenide. *Synlett*, **2010**, 2010, 1402-1406.2 12
- 70 A New Synthesis of  $\beta$ -Phenylseleno  $\beta$ -and  $\gamma$ -Lactones from Terminal Alkynes. *Synlett*, **2003**, 2003, 0655-0658.2.2 12
- 69 Asymmetric aldol reactions from titanium enolates of  $\beta$ -seleno ketones and esters. *Tetrahedron: Asymmetry*, **2004**, 15, 783-791 12
- 68 Selenium Promoted Stereospecific One-Pot Conversion Of Cinnamyl Derivatives Into Oxazoles. A Simple Synthetic Route To Racemic Taxol Side Chain. *Synthetic Communications*, **1999**, 29, 1773-1778 1.7 12
- 67 Green Hydroselelenation of Aryl Alkynes: Divinyl Selenides as a Precursor of Resveratrol. *Molecules*, **2017**, 22, 4.8 11
- 66 Quinolinophane-derived alkyldiphenylphosphines: two homologous P,N-planar chiral ligands for palladium-catalysed allylic alkylation. *Tetrahedron: Asymmetry*, **2007**, 18, 1742-1749 11
- 65 Atom Efficient Preparation of Zinc Selenates for the Synthesis of Selenol Esters under "On Water" Conditions. *Molecules*, **2017**, 22, 4.8 10
- 64 Synthesis of  $\beta$ -and  $\gamma$ -Lactones from Alkynols. *Synlett*, **2006**, 2006, 0587-0590 2.2 10
- 63 Sweet Selenium: Synthesis and Properties of Selenium-Containing Sugars and Derivatives. *Pharmaceuticals*, **2020**, 13, 5.2 10
- 62 Solvent-free, uncatalyzed asymmetric "ene" reactions of N-tert-butylsulfinyl-3,3,3-trifluoroacetaldimines: a general approach to enantiomerically pure  $\beta$ -(trifluoromethyl)tryptamines. *Organic and Biomolecular Chemistry*, **2017**, 15, 3930-3937 3.9 9
- 61 Synthesis of Spirooxindole Oxetanes Through a Domino Reaction of 3-Hydroxyoxindoles and Phenyl Vinyl Selenone. *European Journal of Organic Chemistry*, **2019**, 2019, 5396-5401 3.2 9
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- 59 On-water  $\beta$ -thiolysis of epoxides promoted by PhSZnBr. *Journal of Sulfur Chemistry*, **2013**, 34, 671-676 2.3 9
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- 57 A New Synthesis of  $\beta$ -Phenylseleno Esters and Acids from Terminal Alkynes. *Synlett*, **2001**, 2001, 0706-0708.2 9
- 56 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



55	Ultrasound-assisted synthesis of alkali metals diselenides (M <sub>2</sub> Se <sub>2</sub> ) and their application for the gram-scale preparation of 2,2'-diselenobis(benzoic acid). <i>Arkivoc</i> , <b>2020</b> , 2019, 24-37	0.9	9
54	Mannich-type addition of 1,3-dicarbonyl compounds to chiral tert-butanesulfinyltrifluoroacetaldimines. Mechanistic aspects and chiroptical studies. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 8742-8750	3.9	9
53	A domino approach to pyrazino- indoles and pyrroles using vinyl selenones. <i>Tetrahedron</i> , <b>2018</b> , 74, 7156-7163	2.1	9
52	Recent advances in the chemistry of vinylchalcogenides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2016</b> , 191, 235-244	1	8
51	PhSeZnCl in the Synthesis of Steroidal $\beta$ -Hydroxy-Phenylselenides Having Antibacterial Activity. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	8
50	The Q-tube System, A Nonconventional Technology for Green Chemistry Practitioners. <i>Current Green Chemistry</i> , <b>2017</b> , 4,	1.3	8
49	Enantioselective Methoxyselenenylation of $\beta$ -Unsaturated Aldehydes. <i>Synlett</i> , <b>2009</b> , 2009, 743-746	2.2	8
48	Synthesis of selenoxides by oxidation of selenides with superoxide radical anions and 2-nitrobenzenesulfonyl chloride. <i>Tetrahedron Letters</i> , <b>2005</b> , 46, 5165-5168	2	8
47	New insights into the seleniranium ion promoted cyclization of prenyl and propenylbenzene aryl ethers. <i>Tetrahedron Letters</i> , <b>2017</b> , 58, 371-374	2	7
46	Fast and easy conversion of ortho amidoaryldiselenides into the corresponding ebselen-like derivatives driven by theoretical investigations. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 9444-9451	3.6	7
45	Arylseleninic acid as a green, bench-stable selenylating agent: synthesis of selanylanilines and 3-selanylindoles. <i>Organic and Biomolecular Chemistry</i> , <b>2020</b> , 18, 5210-5217	3.9	7
44	Continuous flow synthesis of 2,2'-diselenobis(benzoic acid) and derivatives. <i>Reaction Chemistry and Engineering</i> , <b>2020</b> , 5, 641-644	4.9	7
43	Reshaping antibiotics through hydrophobic drug-bile acid ionic complexation enhances activity against <i>Staphylococcus aureus</i> biofilms. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 528, 144-162	6.5	6
42	7.20 Addition Reactions with Formation of Carbon-Sulfur and Carbon Selenium Bonds <b>2014</b> , 605-637		6
41	Selenium Catalyzed Conversion of $\alpha$ -Phenyl- $\gamma$ -alkenyl Oximes into 2-Phenylpyridines. <i>Heterocycles</i> , <b>1996</b> , 43, 2679	0.8	6
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32	Thiols Oxidation for the Evaluation of Gpx-Like Activity. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2013</b> , 188, 507-508	1 5
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12	Synthesis and Antioxidant Activity of New Selenium-Containing Quinolines. <i>Medicinal Chemistry</i> , <b>2021</b> , 17, 667-676	1.8	1
11	The nature of G?E-Y (Bc-4e) in -Me GCHCHEY (Me G = MeN and MeE; E = O, S, Se and Te; Y = F, Cl, Br, EMe and Me) with contributions from CT and compliance constants in noncovalent G?E interactions.. <i>RSC Advances</i> , <b>2019</b> , 9, 39435-39446	3.7	1
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3	9. Zinc-Selenium reagents in organic synthesis <b>2019</b> , 315-330		
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