

Claudio Santi

List of Publications by Year in descending order

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206
papers

6,376
citations

76326

40
h-index

102487

66
g-index

267
all docs

267
docs citations

267
times ranked

4254
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorine-Containing Drugs Approved by the FDA in 2018. <i>Chemistry - A European Journal</i> , 2019, 25, 11797-11819.	3.3	341
2	Green Chemistry with Selenium Reagents: Development of Efficient Catalytic Reactions. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8409-8411.	13.8	311
3	Design and Synthesis of DiselenoBisBenzamides (DISEBAs) as Nucleocapsid Protein 7 (NCp7) Inhibitors with anti-HIV Activity. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 9601-9614.	6.4	175
4	"The green side of the moon: ecofriendly aspects of organoselenium chemistry" <i>RSC Advances</i> , 2014, 4, 31521-31535.	3.6	169
5	Organoselenium Compounds as Catalysts in Nature and Laboratory. <i>Current Organic Chemistry</i> , 2010, 14, 2442-2462.	1.6	133
6	New Frontiers in Organoselenium Compounds. , 2018, , .		131
7	Catalytic Chalcogenylation under Greener Conditions: A Solvent-Free Sulfur- and Seleno-functionalization of Olefins via I ₂ /DMSO Oxidant System. <i>Journal of Organic Chemistry</i> , 2015, 80, 2120-2127.	3.2	121
8	Asymmetric Azidoselenenylation of Alkenes: A Key Step for the Synthesis of Enantiomerically Enriched Nitrogen-Containing Compounds. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3131-3133.	13.8	120
9	Preparation of a New Chiral Non-Racemic Sulfur-Containing Diselenide and Applications in Asymmetric Synthesis. <i>Chemistry - A European Journal</i> , 2002, 8, 1118.	3.3	114
10	Current Knowledge on Selenium Biofortification to Improve the Nutraceutical Profile of Food: A Comprehensive Review. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 4075-4097.	5.2	113
11	Eco-Friendly Olefin Dihydroxylation Catalyzed by Diphenyl Diselenide. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2881-2884.	4.3	102
12	Selenium Containing Compounds from Poison to Drug Candidates: A Review on the GPx-like Activity. <i>Current Chemical Biology</i> , 2013, 7, 25-36.	0.5	91
13	Selenocompounds in Cancer Therapy: An Overview. <i>Advances in Cancer Research</i> , 2017, 136, 259-302.	5.0	89
14	New nitrogen containing chiral diselenides: synthesis and asymmetric addition reactions to olefins. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 4645-4650.	1.8	81
15	Preparation of the First Bench-Stable Phenyl Selenolate: an Interesting "On Water"-Nucleophilic Reagent. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 5387-5390.	2.4	81
16	Stereoselective selenium catalyzed dihydroxylation and hydroxymethoxylation of alkenes. <i>Tetrahedron</i> , 2012, 68, 10530-10535.	1.9	76
17	Ebselen and Analogues: Pharmacological Properties and Synthetic Strategies for Their Preparation. <i>Molecules</i> , 2021, 26, 4230.	3.8	71
18	Glutathione S-transferase pi expression regulates the Nrf2-dependent response to hormetic diselenides. <i>Free Radical Biology and Medicine</i> , 2015, 88, 466-480.	2.9	70

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19	A Simple Zinc-Mediated Preparation of Selenols. <i>Synlett</i> , 2008, 2008, 1471-1474.	1.8	67
20	Selenium Catalyzed Oxidation of Aldehydes: Green Synthesis of Carboxylic Acids and Esters. <i>Molecules</i> , 2015, 20, 10496-10510.	3.8	67
21	Synthesis of non-racemic nitrogen-containing diselenides as efficient precursor catalysts in the diethylzinc addition to benzaldehyde. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 1019-1023.	1.8	64
22	Synthesis and biological evaluation of new nitrogen-containing diselenides. <i>European Journal of Medicinal Chemistry</i> , 2014, 87, 131-139.	5.5	64
23	Sonochemistry: An efficient alternative to the synthesis of 3-selanylindoles using CuI as catalyst. <i>Ultrasonics Sonochemistry</i> , 2015, 27, 192-199.	8.2	60
24	Efficient asymmetric selenomethoxylation and selenohydroxylation of alkenes with a new sulfur containing chiral diselenide. <i>Tetrahedron Letters</i> , 2000, 41, 3241-3245.	1.4	59
25	Oxidation of thiols promoted by PhSeZnCl. <i>Tetrahedron Letters</i> , 2012, 53, 232-234.	1.4	59
26	An Update on "Selenium Containing Compounds from Poison to Drug Candidates: A Review on the GPx-like Activity". <i>Current Chemical Biology</i> , 2016, 9, 97-112.	0.5	59
27	On water preparation of phenylselenoesters. <i>Green Chemistry</i> , 2012, 14, 1277.	9.0	57
28	Diphenyl diselenide derivatives inhibit microbial biofilm formation involved in wound infection. <i>BMC Microbiology</i> , 2016, 16, 220.	3.3	57
29	A new vinyl selenone-based domino approach to spirocyclopropyl oxindoles endowed with anti-HIV RT activity. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2015-2024.	2.8	57
30	Asymmetric selenomethoxylation of alkenes with camphorselenenyl sulfate. <i>Tetrahedron Letters</i> , 1998, 39, 2809-2812.	1.4	55
31	Flow Biocatalysis: A Challenging Alternative for the Synthesis of APIs and Natural Compounds. <i>International Journal of Molecular Sciences</i> , 2021, 22, 990.	4.1	55
32	Efficient asymmetric selenocyclizations of alkenyl oximes into cyclic nitrones and 1,2-oxazines promoted by sulfur containing diselenides. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 3297-3304.	1.8	54
33	Ultrasound-Assisted Multicomponent Reactions, <i>Organometallic and Organochalcogen Chemistry. Asian Journal of Organic Chemistry</i> , 2018, 7, 2368-2385.	2.7	54
34	Asymmetric oxyselenenylation-deselenenylation 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> , 1999, 10, 747-757.	1.8	49
35	New Halogen-Containing Drugs Approved by FDA in 2021: An Overview on Their Syntheses and Pharmaceutical Use. <i>Molecules</i> , 2022, 27, 1643.	3.8	48
36	Vinyl Substitutions Promoted by PhSeZnCl: Synthetic and Theoretical Investigations. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 4921-4925.	2.4	46

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37	NCp7: targeting a multitasking protein for next-generation anti-HIV drug development part 1: covalent inhibitors. <i>Drug Discovery Today</i> , 2018, 23, 260-271.	6.4	46
38	A sulfur-containing diselenide as an efficient chiral reagent in asymmetric selenocyclization reactions. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1493-1502.	1.8	45
39	Synthesis of a new chiral nitrogen containing diselenide as a precursor for selenium electrophiles. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 3625-3628.	1.8	44
40	Optically active isoxazolidines and 1,3-amino alcohols by asymmetric selenocyclization reactions of O-allyl oximes. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 3053-3059.	1.8	44
41	A general phosphoric acid-catalyzed desymmetrization of meso-aziridines with silylated selenium nucleophiles. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6205.	2.8	44
42	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.	4.1	44
43	Synthesis of enantiomerically enriched β^2 -hydroxy selenides by catalytic asymmetric ring opening of meso-epoxides with (phenylseleno)silanes. <i>Tetrahedron</i> , 2008, 64, 3337-3342.	1.9	41
44	Reaction kinetics and targeting to cellular glutathione S-transferase of the glutathione peroxidase mimetic PhSeZnCl and its d,l-poly lactide microparticle formulation. <i>Free Radical Biology and Medicine</i> , 2015, 78, 56-65.	2.9	41
45	Catalytic Oxyselenenylation "Deselenenylation Reactions of Alkenes " Stereoselective One-Pot Conversion of 3-Alkenols into 2,5-Dihydrofurans. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 797-803.	2.4	40
46	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 β^2 -Hydroxyalkyl Phenyl Selenides. <i>Chemistry - A European Journal</i> , 2004, 10, 1752-1764.	3.3	40
47	A Chiral Electrophilic Selenium Reagent To Promote the Kinetic Resolution of Racemic Allylic Alcohols. <i>Organic Letters</i> , 2004, 6, 4751-4753.	4.6	40
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55	Selenium Catalysed Conversion of $\hat{1}^2, \hat{1}^3$ -Unsaturated Acids into Butenolides. <i>Synlett</i> , 1993, 1993, 798-800.	1.8	37
56	Water-Michael-Type Addition Reactions Promoted by PhSeZnCl. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 1848-1851.	2.4	37
57	Colloidal nickel(0)-carboxymethyl cellulose particles: A biopolymer-inorganic catalyst for hydrogenation of nitro-aromatics and carbonyl compounds. <i>Catalysis Communications</i> , 2013, 32, 92-100.	3.3	37
58	New Chiral Ebselen Analogues with Antioxidant and Cytotoxic Potential. <i>Molecules</i> , 2017, 22, 492.	3.8	37
59	Enantioselective synthesis of heterocyclic compounds mediated by organoselenium reagents. <i>Arxivoc</i> , 2006, 2006, 186-206.	0.5	37
60	Insights in Behavior of Variably Formulated Alginate-Based Microcapsules for Cell Transplantation. <i>BioMed Research International</i> , 2015, 2015, 1-11.	1.9	36
61	Selenium-Catalyzed Oxacyclization of Alkenoic Acids and Alkenols. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 988-992.	2.7	36
62	$\hat{1}^{\pm}$ -Keto Acids as Acylating Agents in the Synthesis of 2^{\pm} -Substituted Benzothiazoles and Benzoselenazoles. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3830-3836.	2.4	36
63	Diselenides and Benzisoselenazolones as Antiproliferative Agents and Glutathione-S-Transferase Inhibitors. <i>Molecules</i> , 2019, 24, 2914.	3.8	36
64	Asymmetric Amidoselenenylation of Alkenes Promoted by Camphorselenenyl Sulfate: A Useful Synthetic Route to Enantiopure Oxazolines. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 3451-3457.	2.4	35
65	Oxidation of Diphenyl Diselenide with 2,3-Dichloro-5,6-dicyanobenzoquinone (DDQ). A New Method for the Electrophilic Phenylselenenylation of Alkenes under Mild Conditions. <i>Synlett</i> , 2001, 2001, 1767-1771.	1.8	35
66	Niobium-promoted reaction of $\hat{1}^{\pm}$ -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.	9.0	35
67	The Thiol-Modifier Effects of Organoselenium Compounds and Their Cytoprotective Actions in Neuronal Cells. <i>Neurochemical Research</i> , 2021, 46, 120-130.	3.3	35
68	Asymmetric synthesis of thioamido selenides. A simple synthetic route to enantiopure thiazolines. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 429-435.	1.8	34
69	Synthesis of enantiomerically pure substituted tetrahydrofurans from epoxides and phenylselenium reagents. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 405-412.	1.8	34
70	Selenomethoxylation of Alkenes Promoted by Oxone [®] . <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1224-1229.	2.4	34
71	Stereocontrolled synthesis of substituted N-arenesulfonyl azetidines from $\hat{1}^3$ -(phenylseleno)alkyl arylsulfonamides. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 3510.	2.8	33
72	Synthesis of enantiomerically pure 1,4-dioxanes from alkenes promoted by organoselenium reagents. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 1095-1102.	1.8	32

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73	Vinyl selenones: annulation agents for the synthesis of six-membered benzo-1,4-heterocyclic compounds. <i>Tetrahedron</i> , 2013, 69, 481-486.	1.9	32
74	Ultrasound-Promoted Radical Synthesis of 4,5-dihydroisoxazoles. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 586-592.	2.4	30
75	New synthesis of isoxazolidines from the selenium-induced cyclization of O-allyl hydroxylamines. <i>Tetrahedron Letters</i> , 1995, 36, 163-166.	1.4	29
76	Selenium-promoted synthesis of enantiomerically pure substituted morpholines starting from alkenes and chiral aminoalcohols. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 2651-2657.	1.8	29
77	Synthesis of enantiomerically pure perhydrofuro[3,4-b]pyrans and perhydrofuro[3,4-b]furans. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 1949-1955.	1.8	28
78	Selenium dioxide-promoted selective synthesis of mono- and bis-sulfenylindoles. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1983-1991.	4.5	28
79	Selenium-induced cyclization of O-allyl oximes as a synthetic route to N-alkyl isoxazolidines. <i>Tetrahedron</i> , 1995, 51, 1277-1284.	1.9	27
80	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 3239-3241.	2.0	27
81	A new class of silica-supported chromo-fluorogenic chemosensors for anion recognition based on a selenourea scaffold. <i>Chemical Communications</i> , 2017, 53, 3729-3732.	4.1	27
82	Advances in Electrophilic Organochalcogen Reagents. <i>Current Organic Chemistry</i> , 2015, 20, 122-135.	1.6	27
83	Celebrating Two Centuries of Research in Selenium Chemistry: State of the Art and New Prospective. <i>Molecules</i> , 2017, 22, 2124.	3.8	26
84	Intramolecular addition of carbon radicals to aldehydes: synthesis of enantiopure tetrahydrofuran-3-ols. <i>Tetrahedron</i> , 2007, 63, 5482-5489.	1.9	25
85	“Green Is the Color”: An Update on Ecofriendly Aspects of Organoselenium Chemistry. <i>Molecules</i> , 2022, 27, 1597.	3.8	25
86	Organoselenium mediated asymmetric cyclizations. Synthesis of enantiomerically pure 1,6-dioxaspiro[4.4]nonanes. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 2768-2774.	1.8	24
87	A Recyclable Biphasic System for Stereoselective and Easily Handled Hydrochalcogenations. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 5968-5975.	2.4	24
88	Water and Aqueous Mixtures as Convenient Alternative Media for Organoselenium Chemistry. <i>Molecules</i> , 2016, 21, 1482.	3.8	24
89	Sweet Selenium: Synthesis and Properties of Selenium-Containing Sugars and Derivatives. <i>Pharmaceuticals</i> , 2020, 13, 211.	3.8	24
90	Pyrrolidinamine, piperidinamine and tetrahydropyridazine derivatives from selenium promoted cyclization of alkenyl phenylhydrazones. <i>Tetrahedron</i> , 1997, 53, 7311-7318.	1.9	23

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91	Diastereo and Enantioselective Synthesis of 1,2-Diols Promoted by Electrophilic Selenium Reagents. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 956-960.	1.6	23
92	Charge-displacement analysis as a tool to study chalcogen bonded adducts and predict their association constants in solution. Dalton Transactions, 2015, 44, 20168-20175.	3.3	23
93	Phenylselenenyl sulfate induced cyclization of allylhydrazines. Synthesis of pyrazole derivatives. Tetrahedron, 1997, 53, 4441-4446.	1.9	22
94	Asymmetric Syntheses Promoted by Organoselenium Reagents. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 729-740.	1.6	22
95	Oxone-Mediated Oxidation of Vinyl Selenides in Water. European Journal of Organic Chemistry, 2018, 2018, 3914-3919.	2.4	22
96	Factors controlling the selenium-induced cyclizations of alkenyl hydrazines to pyridazine or pyrrolidinamine derivatives. Tetrahedron, 1997, 53, 10591-10602.	1.9	21
97	Asymmetric Selenohydroxylation of Alkenes with Camphorselenenyl Sulfate. European Journal of Organic Chemistry, 1998, 1998, 2275-2277.	2.4	21
98	Synthesis of enantiomerically pure \hat{I}^2 -azidoselenides starting from natural terpenes. Tetrahedron, 2007, 63, 12373-12378.	1.9	21
99	Agarsenone, a Cadinane Sesquiterpenoid from <i>Commiphora erythraea</i> . Journal of Natural Products, 2013, 76, 1254-1259.	3.0	21
100	Organic Diselenides: Versatile Reagents, Precursors, and Intriguing Biologically Active Compounds. Chimia, 2017, 71, 592.	0.6	21
101	One-Pot Conversion of Alkenes into Oxazolines and Oxazolidin-2-Ones Promoted by Diphenyl Diselenide. Synthetic Communications, 1997, 27, 4131-4140.	2.1	20
102	Synthesis of \hat{I}^3 -lactams via a domino Michael addition/cyclization reaction of vinyl selenone with substituted amides. Tetrahedron Letters, 2013, 54, 6755-6757.	1.4	20
103	DES as a green solvent to prepare 1,2-bis-organylseleno alkenes. Scope and limitations. Tetrahedron Letters, 2015, 56, 6890-6895.	1.4	20
104	Asymmetric aldol reactions from titanium enolates of \hat{I}^{\pm} -seleno ketones and esters. Tetrahedron: Asymmetry, 2004, 15, 783-791.	1.8	19
105	Synthesis of enantiomerically pure perhydrofuro[2,3-b]furans. Tetrahedron: Asymmetry, 2005, 16, 2429-2435.	1.8	19
106	Synthesis, characterization and <i>in vitro</i> extracellular and intracellular activity against <i>Mycobacterium tuberculosis</i> infection of new second-line antitubercular drug-palladium complexes. Journal of Pharmacy and Pharmacology, 2013, 66, 106-121.	2.4	19
107	Selective continuous flow synthesis of hydroxy lactones from alkenoic acids. Reaction Chemistry and Engineering, 2017, 2, 467-471.	3.7	18
108	Green Hydroselenation of Aryl Alkynes: Divinyl Selenides as a Precursor of Resveratrol. Molecules, 2017, 22, 327.	3.8	18

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109	Continuous Bioinspired Oxidation of Sulfides. <i>Molecules</i> , 2020, 25, 2711.	3.8	18
110	Electrophilic 2-Thienylselenenylation of Thiophene. Preparation of Oligo(seleno-2,5-thienylenes). <i>Tetrahedron</i> , 2000, 56, 3255-3260.	1.9	17
111	A New Synthesis of α -Phenylseleno β - and γ -Lactones from Terminal Alkynes. <i>Synlett</i> , 2003, 2003, 0655-0658.	1.8	17
112	Fast and easy conversion of <i>ortho</i> amidoaryldiselenides into the corresponding ebselen-like derivatives driven by theoretical investigations. <i>New Journal of Chemistry</i> , 2020, 44, 9444-9451.	2.8	17
113	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> , 2016, 40, 3395-3399.	2.8	16
114	Recent advances in the chemistry of vinylchalcogenides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 235-244.	1.6	16
115	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> , 2017, 51, 657-668.	3.3	16
116	New Prospective for Redox Modulation Mediated by Organo selenium and Organotellurium Compounds. <i>Current Organic Chemistry</i> , 2017, 21, .	1.6	16
117	Conjugated Additions of Selenium Containing Enolates to Enones - Enantioselective Synthesis of α -Oxo- β -Seleno Esters and Their Facile Transformations. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 543-551.	2.4	15
118	Short Synthesis of (R)- and (S)-4-Amino-3-Hydroxybutyric Acid (GABOB). <i>Synthesis</i> , 2005, 2005, 579-582.	2.3	15
119	Arylseleninic acid as a green, bench-stable selenylating agent: synthesis of selanylanilines and 3-selanylindoles. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 5210-5217.	2.8	15
120	Selenium Promoted Stereospecific One-Pot Conversion Of Cinnamyl Derivatives Into Oxazoleses. A Simple Synthetic Route To Racemic Taxol Side Chain. <i>Synthetic Communications</i> , 1999, 29, 1773-1778.	2.1	14
121	Atom Efficient Preparation of Zinc Selenates for the Synthesis of Selenol Esters under α On Water α Conditions. <i>Molecules</i> , 2017, 22, 953.	3.8	14
122	A domino approach to pyrazino- indoles and pyrroles using vinyl selenones. <i>Tetrahedron</i> , 2018, 74, 7156-7163.	1.9	14
123	Synthesis of Spirooxindole Oxetanes Through a Domino Reaction of 3-Hydroxyoxindoles and Phenyl Vinyl Selenone. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5396-5401.	2.4	14
124	PhSeZnCl in the Synthesis of Steroidal β -Hydroxy-Phenylselenides Having Antibacterial Activity. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2121.	4.1	14
125	A three-component [3 + 2]-cycloaddition/elimination cascade for the synthesis of spirooxindole-pyrrolizines. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 667-676.	2.8	13
126	A New Synthesis of α -Phenylseleno Esters and Acids from Terminal Alkynes. <i>Synlett</i> , 2001, 2001, 0706-0708.	1.8	12

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127	Synthesis of selenoxides by oxidation of selenides with superoxide radical anions and 2-nitrobenzenesulfonyl chloride. <i>Tetrahedron Letters</i> , 2005, 46, 5165-5168.	1.4	12
128	Oxidation of Alkynes in Aqueous Media Catalyzed by Diphenyl Diselenide. <i>Synlett</i> , 2010, 2010, 1402-1406.	1.8	12
129	Bioactive Organoselenium Compounds and Therapeutic Perspectives. , 2018, , 99-143.		12
130	Ultrasound-assisted synthesis of alkali metals diselenides (M ₂ Se ₂) and their application for the gram-scale preparation of 2,2'-diselenobis(benzoic acid). <i>Arkivoc</i> , 2020, 2019, 24-37.	0.5	12
131	Synthesis of $\hat{3}$ - and $\hat{1}$ -Lactones from Alkynols. <i>Synlett</i> , 2006, 2006, 0587-0590.	1.8	11
132	Quinolinophane-derived alkylidiphenylphosphines: two homologous P,N-planar chiral ligands for palladium-catalysed allylic alkylation. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 1742-1749.	1.8	11
133	Enantioselective Methoxyselenenylation of $\hat{1}$, $\hat{2}$ -Unsaturated Aldehydes. <i>Synlett</i> , 2009, 2009, 743-746.	1.8	11
134	Synthesis of Thiol Esters Using PhSZnBr as Sulfenylating Agent: A DFT-Guided Optimization of Reaction Conditions. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 2999-3005.	2.4	11
135	The Q-tube System, A Nonconventional Technology for Green Chemistry Practitioners. <i>Current Green Chemistry</i> , 2017, 4, .	1.1	11
136	Mannich-type addition of 1,3-dicarbonyl compounds to chiral <i>tert</i> -butanesulfinyltrifluoroacetaldimines. Mechanistic aspects and chiroptical studies. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8742-8750.	2.8	11
137	Phenylselanyl Group Incorporation for α -Glutathione Peroxidase-Like Activity Modulation. <i>Molecules</i> , 2020, 25, 3354.	3.8	11
138	Continuous flow synthesis of 2,2'-diselenobis(benzoic acid) and derivatives. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 641-644.	3.7	11
139	Palladium-Catalyzed Carbonylative Synthesis of Aryl Selenoesters Using Formic Acid as an <i>Ex Situ</i> CO Source. <i>Journal of Organic Chemistry</i> , 2022, 87, 595-605.	3.2	11
140	Synthesis of oxazino[4,3-a]indoles by domino addition-cyclization reactions of (1H-indol-2-yl)methanols and vinyl selenones in the presence of 18-crown-6. <i>Tetrahedron</i> , 2016, 72, 7059-7064.	1.9	10
141	Solvent-free, uncatalyzed asymmetric α -reactions of <i>N</i> - <i>tert</i> -butylsulfinyl-3,3,3-trifluoroacetaldimines: a general approach to enantiomerically pure $\hat{1}$ -(trifluoromethyl)tryptamines. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 3930-3937.	2.8	10
142	Reshaping antibiotics through hydrophobic drug-bile acid ionic complexation enhances activity against <i>Staphylococcus aureus</i> biofilms. <i>International Journal of Pharmaceutics</i> , 2017, 528, 144-162.	5.2	10
143	Dichalcogenides/Oxone \hat{A} -Mediated Cyclization of (<i>Z</i>)-Chalcogenoenynes under Ultrasound Irradiation. <i>ChemistrySelect</i> , 2020, 5, 9813-9819.	1.5	10
144	A Simple Zinc-Mediated Method for Selenium Addition to Michael Acceptors. <i>Molecules</i> , 2020, 25, 2018.	3.8	10

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145	Selenium Catalyzed Conversion of <i>d</i> -Phenyl-g-alkenyl Oximes into 2-Phenylpyridines. <i>Heterocycles</i> , 1996, 43, 2679.	0.7	10
146	New Insights into Green Protocols for Oxidative Depolymerization of Lignin and Lignin Model Compounds. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4378.	4.1	10
147	A simple synthesis of (R)-3-aminooctanoic acid (D-BAOA) from (S)-1-octyn-3-ol. <i>Tetrahedron Letters</i> , 2007, 48, 4343-4345.	1.4	9
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