

Claudio Santi

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6079899/claudio-santi-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Flow chemistry in the synthesis of organochalcogen compounds 2022 , 83-122		
179	Synthesis and Antioxidant Activity of New Selenium-Containing Quinolines. <i>Medicinal Chemistry</i> , 2021 , 17, 667-676	1.8	1
178	Q-Tube [®] -Assisted Alkylation and Arylation of Xanthenes and Other N-H-Containing Heterocycles in Water. <i>Chemistry</i> , 2021 , 3, 1126-1137	2.1	0
177	Selenium and Tellurium Complexes in Organic Synthesis 2021 ,		
176	Synthesis of 4-Arylselanyl-1-1,2,3-triazoles from Selenium-Containing Carbinols. <i>Molecules</i> , 2021 , 26,	4.8	2
175	Seleno-Functionalization of Quercetin Improves the Non-Covalent Inhibition of M and Its Antiviral Activity in Cells against SARS-CoV-2. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	9
174	Ebselen and Analogues: Pharmacological Properties and Synthetic Strategies for Their Preparation. <i>Molecules</i> , 2021 , 26,	4.8	15
173	The Thiol-Modifier Effects of Organoselenium Compounds and Their Cytoprotective Actions in Neuronal Cells. <i>Neurochemical Research</i> , 2021 , 46, 120-130	4.6	18
172	A three-component [3 + 2]-cycloaddition/elimination cascade for the synthesis of spirooxindole-pyrrolizines. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 667-676	3.9	3
171	Flow Biocatalysis: A Challenging Alternative for the Synthesis of APIs and Natural Compounds. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	25
170	Fast and easy conversion of ortho amidoaryldiselenides into the corresponding ebselen-like derivatives driven by theoretical investigations. <i>New Journal of Chemistry</i> , 2020 , 44, 9444-9451	3.6	7
169	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	3.9	7
168	Continuous Bioinspired Oxidation of Sulfides. <i>Molecules</i> , 2020 , 25,	4.8	9
167	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	5.7	56
166	Continuous flow synthesis of 2,2'-diselenobis(benzoic acid) and derivatives. <i>Reaction Chemistry and Engineering</i> , 2020 , 5, 641-644	4.9	7
165	Ultrasound-Promoted Radical Synthesis of 5-Methylselanyl-4,5-dihydroisoxazoles. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 586-592	3.2	19
164	A Simple Zinc-Mediated Method for Selenium Addition to Michael Acceptors. <i>Molecules</i> , 2020 , 25,	4.8	4

163	Meet Our Editor-in-Chief. <i>Current Chemical Biology</i> , 2020 , 14, 69-70	0.4	
162	A tribute to Prof. Lorenzo Testaferri. <i>Arkivoc</i> , 2020 , 2019, 1-5	0.9	
161	Phenylselenanyl Group Incorporation for "Glutathione Peroxidase-Like" Activity Modulation. <i>Molecules</i> , 2020 , 25,	4.8	5
160	Sweet Selenium: Synthesis and Properties of Selenium-Containing Sugars and Derivatives. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	10
159	Dichalcogenides/Oxone [®] -Mediated Cyclization of (Z)-Chalcogenoenynes under Ultrasound Irradiation. <i>ChemistrySelect</i> , 2020 , 5, 9813-9819	1.8	6
158	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	0.9	9
157	Mild and Green Protocol for Selective Deuteration of Quercetin-3-O-Rutinoside (Rutin) Under Aqueous Basic Conditions. <i>Current Green Chemistry</i> , 2019 , 6, 147-151	1.3	1
156	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	3.2	9
155	PhSeZnCl in the Synthesis of Steroidal β -Hydroxy-Phenylselenides Having Antibacterial Activity. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	8
154	Fluorine-Containing Drugs Approved by the FDA in 2018. <i>Chemistry - A European Journal</i> , 2019 , 25, 11797-11812	4.8	13
153	Perspective in Green Chemistry for Organoselenium Compounds (no more an oxymoron). <i>Current Green Chemistry</i> , 2019 , 6, 9-11	1.3	2
152	Synthesis of 4-Organoselanyl-1H-pyrazoles: Oxone [®] -Mediated Electrophilic Cyclization of β -Alkynyl Hydrazones by Using Diorganyl Diselenides. <i>Synthesis</i> , 2019 , 51, 2293-2304	2.9	27
151	Diselenides and Benzeneselenazoles as Antiproliferative Agents and Glutathione-S-Transferase Inhibitors. <i>Molecules</i> , 2019 , 24,	4.8	16
150	9. Zinc-Selenium reagents in organic synthesis 2019 , 315-330		
149	Synthesis of Pyrrolidinols by Radical Additions to Carbonyls Groups. <i>Proceedings (mdpi)</i> , 2019 , 41, 20	0.3	
148	The nature of G π E-Y (β C-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 π E interactions.. <i>RSC Advances</i> , 2019 , 9, 39435-39446	3.7	1
147	Q-Tube β assisted MCRs for the synthesis of 2,3-dihydroquinazolin-4(1H)-ones. <i>Arkivoc</i> , 2019 , 2018, 270-278	2.7	6
146	Selenomethoxylation of Alkenes Promoted by Oxone [®] . <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 1224-1229	3.2	21

145	NCp7: targeting a multitask protein for next-generation anti-HIV drug development part 2. Noncovalent inhibitors and nucleic acid binders. <i>Drug Discovery Today</i> , 2018 , 23, 687-695	8.8	25
144	Organoselenium Compounds as Reagents and Catalysts to Develop New Green Protocols 2018 , 1-97		5
143	Bioactive Organoselenium Compounds and Therapeutic Perspectives 2018 , 99-143		5
142	Organoselenium in Nature 2018 , 145-156		
141	Condensation of 2-aminomethylaniline with aldehydes and ketones for the fast one-pot synthesis of a library of 1,2,3,4-tetrahydroquinazolines under flow conditions. <i>Chemistry of Heterocyclic Compounds</i> , 2018 , 54, 478-481	1.4	1
140	Oxone-Mediated Oxidation of Vinyl Selenides in Water. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 3914-3919	3.2	13
139	Selenium dioxide-promoted selective synthesis of mono- and bis-sulfenylindoles. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 1983-1991	5.2	18
138	Zinc-Selenium reagents in organic synthesis. <i>Physical Sciences Reviews</i> , 2018 , 3,	1.4	1
137	New Frontiers in Organoselenium Compounds 2018 ,		80
136	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	8.8	32
135	Mannich-type addition of 1,3-dicarbonyl compounds to chiral tert-butanesulfinyltrifluoroacetaldimines. Mechanistic aspects and chiroptical studies. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 8742-8750	3.9	9
134	A domino approach to pyrazino- indoles and pyrroles using vinyl selenones. <i>Tetrahedron</i> , 2018 , 74, 7156-7163	1.63	9
133	Ultrasound-Assisted Multicomponent Reactions, Organometallic and Organochalcogen Chemistry. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 2368-2385	3	40
132	Nonbonded Interaction: The Chalcogen Bond 2018 , 157-183		3
131	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	5.8	19
130	Solvent-free, uncatalyzed asymmetric "ene" reactions of N-tert-butylsulfinyl-3,3,3-trifluoroacetaldimines: a general approach to enantiomerically pure α -(trifluoromethyl)tryptamines. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 3930-3937	3.9	9
129	Selenium-Catalyzed Oxacyclization of Alkenoic Acids and Alkenols. <i>Asian Journal of Organic Chemistry</i> , 2017 , 6, 988-992	3	26
128	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	6.5	6

127	β-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	3.2	24
126	New insights into the seleniranium ion promoted cyclization of prenyl and propenylbenzene aryl ethers. <i>Tetrahedron Letters</i> , 2017 , 58, 371-374	2	7
125	Organic Diselenides: Versatile Reagents, Precursors, and Intriguing Biologically Active Compounds. <i>Chimia</i> , 2017 , 71, 592-595	1.3	15
124	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	4	13
123	An enantiopure diselenide based on a chiral bicyclic backbone: Synthesis and configuration assignment. <i>Tetrahedron: Asymmetry</i> , 2017 , 28, 1367-1372		0
122	Selective continuous flow synthesis of hydroxy lactones from alkenoic acids. <i>Reaction Chemistry and Engineering</i> , 2017 , 2, 467-471	4.9	16
121	Selenocompounds in Cancer Therapy: An Overview. <i>Advances in Cancer Research</i> , 2017 , 136, 259-302	5.9	58
120	The Q-tube System, A Nonconventional Technology for Green Chemistry Practitioners. <i>Current Green Chemistry</i> , 2017 , 4,	1.3	8
119	Green Hydroselenation of Aryl Alkynes: Divinyl Selenides as a Precursor of Resveratrol. <i>Molecules</i> , 2017 , 22,	4.8	11
118	New Chiral Ebselen Analogues with Antioxidant and Cytotoxic Potential. <i>Molecules</i> , 2017 , 22,	4.8	24
117	Atom Efficient Preparation of Zinc Selenates for the Synthesis of Selenol Esters under "On Water" Conditions. <i>Molecules</i> , 2017 , 22,	4.8	10
116	New Prospective for Redox Modulation Mediated by Organo selenium and Organotellurium Compounds. <i>Current Organic Chemistry</i> , 2017 , 21,	1.7	15
115	Recent advances in the chemistry of vinylchalcogenides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016 , 191, 235-244	1	8
114	Water-Dependent Selective Synthesis of Mono- or Bis-Selanyl Alkenes from Terminal Alkynes. <i>ChemistrySelect</i> , 2016 , 1, 4289-4294	1.8	4
113	Niobium-promoted reaction of β-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	10	26
112	Diphenyl diselenide derivatives inhibit microbial biofilm formation involved in wound infection. <i>BMC Microbiology</i> , 2016 , 16, 220	4.5	42
111	Tellurium-promoted stereoselective hydrodebromination of 1,1-dibromoalkenes: synthesis of (E)-bromoalkenes. <i>RSC Advances</i> , 2016 , 6, 103657-103661	3.7	4
110	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	3.6	15

109	A new vinyl selenone-based domino approach to spirocyclopropyl oxindoles endowed with anti-HIV RT activity. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 2015-24	3.9	44
108	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	0.4	40
107	Preliminary investigations on seleno-analogues of plant oxyprenylated secondary metabolites. <i>Planta Medica</i> , 2016 , 81, S1-S381	3.1	
106	Zinc Chalcogenolates As Green Reagents. <i>Current Green Chemistry</i> , 2016 , 3, 68-75	1.3	5
105	Reaction of Acyl Chlorides with In Situ Formed Zinc Selenolates: Synthesis of Selenoesters versus Ring-Opening Reaction of Tetrahydrofuran. <i>Journal of Chemistry</i> , 2016 , 2016, 1-8	2.3	4
104	Water and Aqueous Mixtures as Convenient Alternative Media for Organoselenium Chemistry. <i>Molecules</i> , 2016 , 21,	4.8	19
103	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	3.2	6
102	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	2.4	6
101	Glutathione S-transferase pi expression regulates the Nrf2-dependent response to hormetic diselenides. <i>Free Radical Biology and Medicine</i> , 2015 , 88, 466-480	7.8	58
100	Charge-displacement analysis as a tool to study chalcogen bonded adducts and predict their association constants in solution. <i>Dalton Transactions</i> , 2015 , 44, 20168-75	4.3	19
99	DES as a green solvent to prepare 1,2-bis-organyl-seleno alkenes. Scope and limitations. <i>Tetrahedron Letters</i> , 2015 , 56, 6890-6895	2	15
98	Design and Synthesis of Diseleno-Bis-Benzamides (DISEBAs) as Nucleocapsid Protein 7 (NCp7) Inhibitors with anti-HIV Activity. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 9601-14	8.3	124
97	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	7.8	33
96	Insights in Behavior of Variably Formulated Alginate-Based Microcapsules for Cell Transplantation. <i>BioMed Research International</i> , 2015 , 2015, 965804	3	22
95	Selenium Catalyzed Oxidation of Aldehydes: Green Synthesis of Carboxylic Acids and Esters. <i>Molecules</i> , 2015 , 20, 10496-510	4.8	57
94	Organoselenium Compounds as Phytochemicals from the Natural Kingdom. <i>Natural Product Communications</i> , 2015 , 10, 1934578X1501001	0.9	3
93	Sonochemistry: An efficient alternative to the synthesis of 3-selenylindoles using CuI as catalyst. <i>Ultrasonics Sonochemistry</i> , 2015 , 27, 192-199	8.9	51
92	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, 2120-7	4.2	96

91	Advances in Electrophilic Organochalcogen Reagents. <i>Current Organic Chemistry</i> , 2015 , 20, 122-135	1.7	23
90	Organoselenium Compounds as Phytochemicals from the Natural Kingdom. <i>Natural Product Communications</i> , 2015 , 10, 1885-92	0.9	4
89	7.20 Addition Reactions with Formation of Carbon-Sulfur and Carbon Selenium Bonds 2014 , 605-637		6
88	The green side of the moon: ecofriendly aspects of organoselenium chemistry <i>RSC Advances</i> , 2014 , 4, 31521-31535	3.7	145
87	Synthesis and biological evaluation of new nitrogen-containing diselenides. <i>European Journal of Medicinal Chemistry</i> , 2014 , 87, 131-9	6.8	57
86	A Recyclable Biphasic System for Stereoselective and Easily Handled Hydrochalcogenations. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 5968-5975	3.2	18
85	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> , 2014 , 66, 106-21	4.8	15
84	Agarsenone, a Cadinane Sesquiterpenoid from Commiphora erythraea. <i>Journal of Natural Products</i> , 2013 , 76, 1254-9	4.9	19
83	Selenium Containing Compounds from Poison to Drug Candidates: A Review on the GPx-like Activity. <i>Current Chemical Biology</i> , 2013 , 7, 25-36	0.4	74
82	Vinyl selenones: annulation agents for the synthesis of six-membered benzo-1,4-heterocyclic compounds. <i>Tetrahedron</i> , 2013 , 69, 481-486	2.4	25
81	Synthesis of β -lactams via a domino Michael addition/cyclization reaction of vinyl selenone with substituted amides. <i>Tetrahedron Letters</i> , 2013 , 54, 6755-6757	2	19
80	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	3.2	34
79	Electrophilic Selenium/Tellurium Reagents: Reactivity and their Contribution to Green Chemistry 2013 ,		5
78	On-water Thiolytic of epoxides promoted by PhSeZnBr. <i>Journal of Sulfur Chemistry</i> , 2013 , 34, 671-676	2.3	9
77	Thiols Oxidation for the Evaluation of Gpx-Like Activity. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013 , 188, 507-508	1	5
76	Oxidation of thiols promoted by PhSeZnCl. <i>Tetrahedron Letters</i> , 2012 , 53, 232-234	2	56
75	On water preparation of phenylselenoesters. <i>Green Chemistry</i> , 2012 , 14, 1277	10	51
74	Stereoselective selenium catalyzed dihydroxylation and hydroxymethoxylation of alkenes. <i>Tetrahedron</i> , 2012 , 68, 10530-10535	2.4	73

73	Electrophilic Selenium 2011 , 1-51		13
72	A general phosphoric acid-catalyzed desymmetrization of meso-aziridines with silylated selenium nucleophiles. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 6205-7	3.9	41
71	On-Water Michael-Type Addition Reactions Promoted by PhSeZnCl. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 1848-1851	3.2	35
70	Phenylselenenylzinc Halides 2011 ,		1
69	Oxidation of Alkynes in Aqueous Media Catalyzed by Diphenyl Diselenide. <i>Synlett</i> , 2010 , 2010, 1402-1406.	6.2	12
68	Organoselenium Compounds as Catalysts in Nature and Laboratory. <i>Current Organic Chemistry</i> , 2010 , 14, 2442-2462	1.7	122
67	Enantioselective Methoxyselenenylation of α -Unsaturated Aldehydes. <i>Synlett</i> , 2009 , 2009, 743-746	2.2	8
66	Vinyl Substitutions Promoted by PhSeZnCl: Synthetic and Theoretical Investigations. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 4921-4925	3.2	42
65	Grüne Chemie mit Selenreagentien: Entwicklung effizienter katalytischer Reaktionen. <i>Angewandte Chemie</i> , 2009 , 121, 8559-8562	3.6	56
64	Green chemistry with selenium reagents: development of efficient catalytic reactions. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 8409-11	16.4	268
63	Chemical composition of the essential oil of Commiphora erythraea. <i>Natural Product Communications</i> , 2009 , 4, 1751-4	0.9	6
62	Diastereo and Enantioselective Synthesis of 1,2-Diols Promoted by Electrophilic Selenium Reagents. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008 , 183, 956-960	1	21
61	A Simple Zinc-Mediated Preparation of Selenols. <i>Synlett</i> , 2008 , 2008, 1471-1474	2.2	59
60	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	3.2	74
59	Eco-Friendly Olefin Dihydroxylation Catalyzed by Diphenyl Diselenide. <i>Advanced Synthesis and Catalysis</i> , 2008 , 350, 2881-2884	5.6	91
58	Synthesis of enantiomerically enriched β -hydroxy selenides by catalytic asymmetric ring opening of meso-epoxides with (phenylseleno)silanes. <i>Tetrahedron</i> , 2008 , 64, 3337-3342	2.4	35
57	Stereocontrolled synthesis of substituted N-arenesulfonyl azetidines from gamma-(phenylseleno)alkyl arylsulfonamides. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 3510-9	3.9	32
56	Intramolecular addition of carbon radicals to aldehydes: synthesis of enantiopure tetrahydrofuran-3-ols. <i>Tetrahedron</i> , 2007 , 63, 5482-5489	2.4	20

55	Synthesis of enantiomerically pure β -azidoselenides starting from natural terpenes. <i>Tetrahedron</i> , 2007 , 63, 12373-12378	2.4	18
54	Quinolinophane-derived alkyldiphenylphosphines: two homologous P,N-planar chiral ligands for palladium-catalysed allylic alkylation. <i>Tetrahedron: Asymmetry</i> , 2007 , 18, 1742-1749		11
53	Selenium promoted synthesis of enantiopure pyrrolidines starting from chiral aminoalcohols. <i>Tetrahedron: Asymmetry</i> , 2007 , 18, 2758-2767		27
52	A simple synthesis of (R)-3-aminooctanoic acid (D-BAOA) from (S)-1-octyn-3-ol. <i>Tetrahedron Letters</i> , 2007 , 48, 4343-4345	2	9
51	Intramolecular Nonbonding Interactions between Selenium and Sulfur δ -Spectroscopic Evidence and Importance in Asymmetric Synthesis. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 4867-4873 ^{3,2}		36
50	Synthesis of β - and γ -Lactones from Alkynols. <i>Synlett</i> , 2006 , 2006, 0587-0590	2.2	10
49	Organoselenium mediated asymmetric cyclizations. Synthesis of enantiomerically pure 1,6-dioxaspiro[4.4]nonanes. <i>Tetrahedron: Asymmetry</i> , 2006 , 17, 2768-2774		18
48	Enantioselective synthesis of heterocyclic compounds mediated by organoselenium reagents. <i>Arkivoc</i> , 2006 , 2006, 186-206	0.9	32
47	Synthesis of enantiomerically pure perhydrofuro[2,3-b]furans. <i>Tetrahedron: Asymmetry</i> , 2005 , 16, 2429-2435		13
46	Synthesis of selenoxides by oxidation of selenides with superoxide radical anions and 2-nitrobenzenesulfonyl chloride. <i>Tetrahedron Letters</i> , 2005 , 46, 5165-5168	2	8
45	Conjugated Additions of Selenium Containing Enolates to Enones β -Enantioselective Synthesis of α -Oxo- β -Seleno Esters and Their Facile Transformations. <i>European Journal of Organic Chemistry</i> , 2005 , 2005, 543-551	3.2	13
44	A Chiral Electrophilic Selenium Reagent to Promote the Kinetic Resolution of Racemic Allylic Alcohols.. <i>ChemInform</i> , 2005 , 36, no		1
43	Short Synthesis of (R)- and (S)-4-Amino-3-Hydroxybutyric Acid (GABOB). <i>Synthesis</i> , 2005 , 2005, 579-582	2.9	14
42	Kinetic Resolution of Allylic Alcohols Promoted by Electrophilic Selenium Reagents. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005 , 180, 1071-1075	1	4
41	Asymmetric Syntheses Promoted by Organoselenium Reagents. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005 , 180, 729-740	1	16
40	Synthesis of enantiomerically pure substituted tetrahydrofurans from epoxides and phenylselenium reagents. <i>Tetrahedron: Asymmetry</i> , 2004 , 15, 405-412		27
39	Asymmetric aldol reactions from titanium enolates of β -seleno ketones and esters. <i>Tetrahedron: Asymmetry</i> , 2004 , 15, 783-791		12
38	Synthesis of Substituted Se-Phenyl Selenocarboxylates from Terminal Alkynes. <i>European Journal of Organic Chemistry</i> , 2004 , 2004, 3447-3458	3.2	35

37	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. <i>Chemistry - A European Journal</i> , 2004 , 10, 1752-64	4.8	38
36	Synthesis of enantiomerically pure perhydrofuro[3,4-b]pyrans and perhydrofuro[3,4-b]furans. <i>Tetrahedron: Asymmetry</i> , 2004 , 15, 1949-1955		23
35	A chiral electrophilic selenium reagent to promote the kinetic resolution of racemic allylic alcohols. <i>Organic Letters</i> , 2004 , 6, 4751-3	6.2	36
34	A New Synthesis of β -Phenylseleno β -and γ -Lactones from Terminal Alkynes. <i>Synlett</i> , 2003 , 2003, 0655-0658	2.2	12
33	Asymmetric Azidoselenenylation of Alkenes: A Key Step for the Synthesis of Enantiomerically Enriched Nitrogen-Containing Compounds. <i>Angewandte Chemie</i> , 2003 , 115, 3239-3241	3.6	23
32	Asymmetric azidoselenenylation of alkenes: a key step for the synthesis of enantiomerically enriched nitrogen-containing compounds. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 3131-3	16.4	106
31	Synthesis of enantiomerically pure 1,4-dioxanes from alkenes promoted by organoselenium reagents. <i>Tetrahedron: Asymmetry</i> , 2003 , 14, 1095-1102		29
30	Selenium-promoted synthesis of enantiomerically pure substituted morpholines starting from alkenes and chiral aminoalcohols. <i>Tetrahedron: Asymmetry</i> , 2003 , 14, 2651-2657		24
29	Preparation of a new chiral non-racemic sulfur-containing diselenide and applications in asymmetric synthesis. <i>Chemistry - A European Journal</i> , 2002 , 8, 1118-24	4.8	88
28	Asymmetric synthesis of thioamido selenides. A simple synthetic route to enantiopure thiazolines. <i>Tetrahedron: Asymmetry</i> , 2002 , 13, 429-435		28
27	A sulfur-containing diselenide as an efficient chiral reagent in asymmetric selenocyclization reactions. <i>Tetrahedron: Asymmetry</i> , 2001 , 12, 1493-1502		36
26	Optically active isoxazolidines and 1,3-amino alcohols by asymmetric selenocyclization reactions of O-allyl oximes. <i>Tetrahedron: Asymmetry</i> , 2001 , 12, 3053-3059		35
25	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		45
24	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	2.2	26
23	A New Synthesis of β -Phenylseleno Esters and Acids from Terminal Alkynes. <i>Synlett</i> , 2001 , 2001, 0706-0708	2.2	9
22	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	3.2	28
21	Electrophilic 2-Thienylselenenylation of Thiophene. Preparation of Oligo(seleno-2,5-thienylenes). <i>Tetrahedron</i> , 2000 , 56, 3255-3260	2.4	14
20	Efficient asymmetric selenomethoxylation and selenohydroxylation of alkenes with a new sulfur containing chiral diselenide. <i>Tetrahedron Letters</i> , 2000 , 41, 3241-3245	2	49

19	New nitrogen containing chiral diselenides: synthesis and asymmetric addition reactions to olefins. <i>Tetrahedron: Asymmetry</i> , 2000 , 11, 4645-4650		64
18	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		41
17	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		52
16	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	3.2	37
15	Selenium Promoted Stereospecific One-Pot Conversion Of Cinnamyl Derivatives Into Oxazoles. A Simple Synthetic Route To Racemic Taxol Side Chain. <i>Synthetic Communications</i> , 1999 , 29, 1773-1778	1.7	12
14	Asymmetric Selenohydroxylation of Alkenes with Camphorseelenenyl Sulfate. <i>European Journal of Organic Chemistry</i> , 1998 , 1998, 2275-2277	3.2	16
13	Asymmetric selenomethoxylation of alkenes with camphorseelenenyl sulfate. <i>Tetrahedron Letters</i> , 1998 , 39, 2809-2812	2	41
12	Synthesis of a new chiral nitrogen containing diselenide as a precursor for selenium electrophiles. <i>Tetrahedron: Asymmetry</i> , 1998 , 9, 3625-3628		36
11	Electrophilic Azido Selenenylation of Alkenes. A Simple Synthetic Route to Racemic Taxol Side Chain. <i>Synthetic Communications</i> , 1998 , 28, 2167-2179	1.7	28
10	One-Pot Conversion of Alkenes into Oxazolines and Oxazolidin-2-Ones Promoted by Diphenyl Diselenide. <i>Synthetic Communications</i> , 1997 , 27, 4131-4140	1.7	17
9	Phenylselenenyl sulfate induced cyclization of allylhydrazines. Synthesis of pyrazole derivatives. <i>Tetrahedron</i> , 1997 , 53, 4441-4446	2.4	16
8	Pyrrolidinamine, piperidinamine and tetrahydropyridazine derivatives from selenium promoted cyclization of alkenyl phenylhydrazones. <i>Tetrahedron</i> , 1997 , 53, 7311-7318	2.4	16
7	Factors controlling the selenium-induced cyclizations of alkenyl hydrazines to pyridazine or pyrrolidinamine derivatives. <i>Tetrahedron</i> , 1997 , 53, 10591-10602	2.4	16
6	Selenium Catalyzed Conversion of d-Phenyl-g-alkenyl Oximes into 2-Phenylpyridines. <i>Heterocycles</i> , 1996 , 43, 2679	0.8	6
5	New synthesis of isoxazolidines from the selenium-induced cyclization of O-allyl hydroxylamines. <i>Tetrahedron Letters</i> , 1995 , 36, 163-166	2	19
4	Selenium-induced cyclization of O-allyl oximes as a synthetic route to N-alkyl isoxazolidines. <i>Tetrahedron</i> , 1995 , 51, 1277-1284	2.4	20
3	Catalytic conversion of (E)Unsaturated esters, amides and nitriles into (E)alkoxy or (E)hydroxy (E)Unsaturated derivatives induced by persulfate anion oxidation of diphenyl diselenide. <i>Journal of the Chemical Society Chemical Communications</i> , 1993 , 637-639		34
2	Selenium Catalysed Conversion of (E)Unsaturated Acids into Butenolides. <i>Synlett</i> , 1993 , 1993, 798-800	2.2	34

1 Dynamic modeling of primary commands for a car simulator

2