

Luana Bagnoli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2692705/publications.pdf>

Version: 2024-02-01

99
papers

2,735
citations

147801

31
h-index

233421

45
g-index

118
all docs

118
docs citations

118
times ranked

1765
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple Zn-Mediated Seleno- and Thio-Functionalization of Steroids at C-1 Position. International Journal of Molecular Sciences, 2022, 23, 3022.	4.1	1
2	New Halogen-Containing Drugs Approved by FDA in 2021: An Overview on Their Syntheses and Pharmaceutical Use. Molecules, 2022, 27, 1643.	3.8	48
3	Synthesis of organochalcogens: use of nonconventional solvents/reaction media. , 2022, , 147-192.		0
4	A three-component [3 + 2]-cycloaddition/elimination cascade for the synthesis of spirooxindole-pyrrolizines. Organic and Biomolecular Chemistry, 2021, 19, 667-676.	2.8	13
5	Seleno-Functionalization of Quercetin Improves the Non-Covalent Inhibition of Mpro and Its Antiviral Activity in Cells against SARS-CoV-2. International Journal of Molecular Sciences, 2021, 22, 7048.	4.1	44
6	Sweet Selenium: Synthesis and Properties of Selenium-Containing Sugars and Derivatives. Pharmaceuticals, 2020, 13, 211.	3.8	24
7	Recent Advances in the Synthesis of Selenophenes and Their Derivatives. Molecules, 2020, 25, 5907.	3.8	23
8	Synthesis and biological evaluation of new indole and pyrrole carboxamides based on amino acids. Arkivoc, 2020, 2019, 163-175.	0.5	1
9	Synthesis of Spirooxindole Oxetanes Through a Domino Reaction of 3-Hydroxyoxindoles and Phenyl Vinyl Selenone. European Journal of Organic Chemistry, 2019, 2019, 5396-5401.	2.4	14
10	Synthesis of Pyrrolidinols by Radical Additions to Carbonyls Groups. Proceedings (mdpi), 2019, 41, 20.	0.2	0
11	Binding Mode and Structure–Activity Relationships of ITE as an Aryl Hydrocarbon Receptor (AhR) Agonist. ChemMedChem, 2018, 13, 270-279.	3.2	20
12	A domino approach to pyrazino- indoles and pyrroles using vinyl selenones. Tetrahedron, 2018, 74, 7156-7163.	1.9	14
13	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. Chemistry of Heterocyclic Compounds, 2018, 54, 478-481.	1.2	1
14	Oxone–Mediated Oxidation of Vinyl Selenides in Water. European Journal of Organic Chemistry, 2018, 2018, 3914-3919.	2.4	22
15	Solvent-free, uncatalyzed asymmetric α -alkylation reactions of N-tert-butylsulfinyl-3,3,3-trifluoroacetaldimines: a general approach to enantiomerically pure α -(trifluoromethyl)tryptamines. Organic and Biomolecular Chemistry, 2017, 15, 3930-3937.	2.8	10
16	Selenium–Catalyzed Oxacyclization of Alkenoic Acids and Alkenols. Asian Journal of Organic Chemistry, 2017, 6, 988-992.	2.7	36
17	Glycerol as Precursor of Organoselanyl and Organotellanyl Alkynes. Molecules, 2017, 22, 391.	3.8	4
18	Celebrating Two Centuries of Research in Selenium Chemistry: State of the Art and New Prospective. Molecules, 2017, 22, 2124.	3.8	26

#	ARTICLE	IF	CITATIONS
19	Kinetic resolution of 2-methoxycarbonylalk-3-enols through a stereoselective cyclofunctionalization promoted by an enantiomerically pure electrophilic selenium reagent. <i>Arkivoc</i> , 2017, 2017, 303-312.	0.5	0
20	Reaction of Acyl Chlorides with <i>In Situ</i> Formed Zinc Selenolates: Synthesis of Selenoesters versus Ring-Opening Reaction of Tetrahydrofuran. <i>Journal of Chemistry</i> , 2016, 2016, 1-8.	1.9	8
21	Water and Aqueous Mixtures as Convenient Alternative Media for Organoselenium Chemistry. <i>Molecules</i> , 2016, 21, 1482.	3.8	24
22	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
23	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
24	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
25	Recent advances in the chemistry of vinylchalcogenides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 235-244.	1.6	16
26	Selenium Catalyzed Oxidation of Aldehydes: Green Synthesis of Carboxylic Acids and Esters. <i>Molecules</i> , 2015, 20, 10496-10510.	3.8	67
27	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
28	Advances in Electrophilic Organochalcogen Reagents. <i>Current Organic Chemistry</i> , 2015, 20, 122-135.	1.6	27
29	A Recyclable Biphasic System for Stereoselective and Easily Handled Hydrochalcogenations. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 5968-5975.	2.4	24
30	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
31	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.	1.4	20
32	Synthesis of a Structural Analogue of the Repeating Unit from <i>Streptococcus pneumoniae</i> 19F Capsular Polysaccharide Based on the Cross-Metathesis-Selenocyclization Reaction Sequence. <i>Journal of Organic Chemistry</i> , 2013, 78, 5172-5183.	3.2	10
33	On-water-thiolysis of epoxides promoted by PhSZnBr. <i>Journal of Sulfur Chemistry</i> , 2013, 34, 671-676.	2.0	9
34	Stereoselective selenium catalyzed dihydroxylation and hydroxymethoxylation of alkenes. <i>Tetrahedron</i> , 2012, 68, 10530-10535.	1.9	76
35	Synthesis of Enantiopure 1,4-Dioxanes, Morpholines, and Piperazines from the Reaction of Chiral 1,2-Diols, Amino Alcohols, and Diamines with Vinyl Selenones. <i>Chemistry - A European Journal</i> , 2011, 17, 993-999.	3.3	59
36	Diastereoselective Synthesis of Hexahydro-3H-pyrrolyzin-3-ones through Pd-Catalyzed Carboamination. <i>Journal of Organic Chemistry</i> , 2010, 75, 2134-2137.	3.2	27

#	ARTICLE	IF	CITATIONS
37	Preparation of both enantiomers of cyclopropane derivatives from the reaction of vinyl selenones with di-($\hat{\alpha}$) ² -bornyl malonate. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1506-1514.	1.8	33
38	Synthesis of enantiomerically enriched $\hat{\alpha}$ ² -hydroxy selenides by catalytic asymmetric ring opening of meso-epoxides with (phenylseleno)silanes. <i>Tetrahedron</i> , 2008, 64, 3337-3342.	1.9	41
39	Selenium-promoted synthesis of enantiopure octahydroindolizines, hexahydro-1H-pyrrolizines and hexahydro-3H-pyrrolizin-3-ones. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 2411-2416.	1.8	15
40	Stereocontrolled synthesis of substituted N-arenesulfonyl azetidines from $\hat{\alpha}$ ³ -(phenylseleno)alkyl arylsulfonamides. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 3510.	2.8	33
41	Intramolecular addition of carbon radicals to aldehydes: synthesis of enantiopure tetrahydrofuran-3-ols. <i>Tetrahedron</i> , 2007, 63, 5482-5489.	1.9	25
42	Synthesis of enantiomerically pure $\hat{\alpha}$ ² -azidoselenides starting from natural terpenes. <i>Tetrahedron</i> , 2007, 63, 12373-12378.	1.9	21
43	Selenium promoted synthesis of enantiopure pyrrolidines starting from chiral aminoalcohols. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 2758-2767.	1.8	39
44	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
45	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
46	Intramolecular Nonbonding Interactions between Selenium and Sulfur $\hat{\alpha}$ Spectroscopic Evidence and Importance in Asymmetric Synthesis. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 4867-4873.	2.4	39
47	Synthesis of $\hat{\alpha}$ ³ - and $\hat{\alpha}$ ¹ -Lactones from Alkynols. <i>Synlett</i> , 2006, 2006, 0587-0590.	1.8	11
48	Enantioselective synthesis of heterocyclic compounds mediated by organoselenium reagents. <i>Arkivoc</i> , 2006, 2006, 186-206.	0.5	37
49	Synthesis of enantiomerically pure perhydrofuro[2,3-b]furans. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 2429-2435.	1.8	19
50	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
51	Conjugated Additions of Selenium Containing Enolates to Enones - Enantioselective Synthesis of $\hat{\alpha}$ -Oxo- $\hat{\alpha}$ -Seleno Esters and Their Facile Transformations. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 543-551.	2.4	15
52	A Chiral Electrophilic Selenium Reagent to Promote the Kinetic Resolution of Racemic Allylic Alcohols.. <i>ChemInform</i> , 2005, 36, no.	0.0	1
53	Conjugated Additions of Selenium Containing Enolates to Enones $\hat{\alpha}$ Enantioselective Synthesis of $\hat{\alpha}$ -Oxo- $\hat{\alpha}$ -Seleno Esters and Their Facile Transformations.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
54	Short Synthesis of (R)- and (S)-4-Amino-3-hydroxybutyric Acid (GABOB).. <i>ChemInform</i> , 2005, 36, no.	0.0	0

#	ARTICLE	IF	CITATIONS
55	Synthesis of Selenoxides by Oxidation of Selenides with Superoxide Radical Anions and 2-Nitrobenzenesulfonyl Chloride.. ChemInform, 2005, 36, no.	0.0	0
56	Synthesis of Enantiomerically Pure Perhydrofuro[2,3-b]furans.. ChemInform, 2005, 36, no.	0.0	0
57	Short Synthesis of (R)- and (S)-4-Amino-3-Hydroxybutyric Acid (GABOB). Synthesis, 2005, 2005, 579-582.	2.3	15
58	Kinetic Resolution of Allylic Alcohols Promoted by Electrophilic Selenium Reagents. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 1071-1075.	1.6	8
59	Asymmetric Syntheses Promoted by Organoselenium Reagents. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 729-740.	1.6	22
60	Synthesis of enantiomerically pure substituted tetrahydrofurans from epoxides and phenylselenium reagents. Tetrahedron: Asymmetry, 2004, 15, 405-412.	1.8	34
61	Asymmetric aldol reactions from titanium enolates of α -seleno ketones and esters. Tetrahedron: Asymmetry, 2004, 15, 783-791.	1.8	19
62	Synthesis of Substituted Se-Phenyl Selenocarboxylates from Terminal Alkynes. European Journal of Organic Chemistry, 2004, 2004, 3447-3458.	2.4	38
63	Synthesis of Enantiomerically Pure Perhydrofuro[3,4-b]pyrans and Perhydrofuro[3,4-b]furans.. ChemInform, 2004, 35, no.	0.0	0
64	Synthesis of Substituted Se-Phenyl Selenocarboxylates from Terminal Alkynes.. ChemInform, 2004, 35, no.	0.0	0
65	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 α -Hydroxyalkyl Phenyl Selenides. Chemistry - A European Journal, 2004, 10, 1752-1764.	3.3	40
66	Synthesis of enantiomerically pure perhydrofuro[3,4-b]pyrans and perhydrofuro[3,4-b]furans. Tetrahedron: Asymmetry, 2004, 15, 1949-1955.	1.8	28
67	A Chiral Electrophilic Selenium Reagent To Promote the Kinetic Resolution of Racemic Allylic Alcohols. Organic Letters, 2004, 6, 4751-4753.	4.6	40
68	Title is missing!. Angewandte Chemie, 2003, 115, 3239-3241.	2.0	27
69	Asymmetric Azidoselenenylation of Alkenes: A Key Step for the Synthesis of Enantiomerically Enriched Nitrogen-Containing Compounds.. ChemInform, 2003, 34, no.	0.0	0
70	Selenium-Promoted Synthesis of Enantiomerically Pure Substituted Morpholines Starting from Alkenes and Chiral Aminoalcohols.. ChemInform, 2003, 34, no.	0.0	0
71	Asymmetric Azidoselenenylation of Alkenes: A Key Step for the Synthesis of Enantiomerically Enriched Nitrogen-Containing Compounds. Angewandte Chemie - International Edition, 2003, 42, 3131-3133.	13.8	120
72	Synthesis of enantiomerically pure 1,4-dioxanes from alkenes promoted by organoselenium reagents. Tetrahedron: Asymmetry, 2003, 14, 1095-1102.	1.8	32

#	ARTICLE	IF	CITATIONS
73	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
74	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
75	Asymmetric synthesis of thioamido selenides. A simple synthetic route to enantiopure thiazolines. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 429-435.	1.8	34
76	A sulfur-containing diselenide as an efficient chiral reagent in asymmetric selenocyclization reactions. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1493-1502.	1.8	45
77	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
78	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
79	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
80	Electrophilic 2-Thienylselenenylation of Thiophene. Preparation of Oligo(seleno-2,5-thienylenes). <i>Tetrahedron</i> , 2000, 56, 3255-3260.	1.9	17
81	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
82	New nitrogen containing chiral diselenides: synthesis and asymmetric addition reactions to olefins. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 4645-4650.	1.8	81
83	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
84	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.	2.1	14
85	Asymmetric Selenohydroxylation of Alkenes with Camphorselenenyl Sulfate. <i>European Journal of Organic Chemistry</i> , 1998, 1998, 2275-2277.	2.4	21
86	Asymmetric selenomethoxylation of alkenes with camphorselenenyl sulfate. <i>Tetrahedron Letters</i> , 1998, 39, 2809-2812.	1.4	55
87	Electrophilic Azido Selenenylation of Alkenes. A Simple Synthetic Route to Racemic Taxol Side Chain. <i>Synthetic Communications</i> , 1998, 28, 2167-2179.	2.1	38
88	One-Pot Conversion of Alkenes into Oxazolines and Oxazolidin-2-Ones Promoted by Diphenyl Diselenide. <i>Synthetic Communications</i> , 1997, 27, 4131-4140.	2.1	20
89	Phenylselenenyl sulfate induced cyclization of allylhydrazines. Synthesis of pyrazole derivatives. <i>Tetrahedron</i> , 1997, 53, 4441-4446.	1.9	22
90	Pyrrolidinamine, piperidinamine and tetrahydropyridazine derivatives from selenium promoted cyclization of alkenyl phenylhydrazones. <i>Tetrahedron</i> , 1997, 53, 7311-7318.	1.9	23

#	ARTICLE	IF	CITATIONS
91	Factors controlling the selenium-induced cyclizations of alkenyl hydrazines to pyridazine or pyrrolidinamine derivatives. <i>Tetrahedron</i> , 1997, 53, 10591-10602.	1.9	21
92	Alkenyl nitrones cyclizations induced by phenylselenenyl bromide. A convenient synthetic route to 1,2-oxazines. <i>Tetrahedron</i> , 1996, 52, 6811-6822.	1.9	17
93	Selenium Catalyzed Conversion of d-Phenyl-g-alkenyl Oximes into 2-Phenylpyridines. <i>Heterocycles</i> , 1996, 43, 2679.	0.7	10
94	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
95	Organoselenium-induced stereoselective cyclisation of O-allyl oximes: a new synthetic route to isoxazolidines. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 235.	2.0	34
96	Ring-closure reactions of alkenyl oximes induced by persulfate anion oxidation of diphenyl diselenide. Formation of 1,2-oxazines and cyclic nitrones. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 1989.	0.9	45

97