Toshiaki Murai

List of Publications by Year
in descending order

155	4,045	147801	175258
papers	citations	31 h-index	52 g-index

173	173	173	2490
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis of Tertiary Propargylamines by Sequential Reactions of in Situ Generated Thioiminium Salts with Organolithium and -magnesium Reagents. Journal of the American Chemical Society, 2004, 126, 5968-5969.	13.7	190
2	Direct multiple Câ€“H bond arylation reaction of heteroarenes catalyzed by cationic palladium complex bearing 1,10-phenanthroline. Chemical Communications, 2010, 46, 2471.	4.1	190
3	Direct Arylation of Simple Azoles Catalyzed by 1,10-Phenanthroline Containing Palladium Complexes: An Investigation of C4 Arylation of Azoles and the Synthesis of Triarylated Azoles by Sequential Arylation. Journal of Organic Chemistry, 2011, 76, 2680-2693.	3.2	122
4	Synthesis of Fluorescent 1,3-Diarylated Imidazo[1,5-a]pyridines: Oxidative Condensationâ^'Cyclization of Aryl-2-Pyridylmethylamines and Aldehydes with Elemental Sulfur as an Oxidant. Journal of Organic Chemistry, 2009, 74, 3566-3568.	3.2	117
5	Synthesis of 2-Azaindolizines by Using an Iodine-Mediated Oxidative Desulfurization Promoted Cyclization ofN-2-Pyridylmethyl Thioamides and an Investigation of Their Photophysical Properties. Organic Letters, 2006, 8, 5621-5624.	4.6	115
6	Three-Component Coupling Reactions of Thioformamides with Organolithium and Grignard Reagents Leading to Formation of Tertiary Amines and a Thiolating Agent. Journal of the American Chemical Society, 2007, 129, 780-781.	13.7	100
7	Direct Cï£¿H Arylation of Heteroarenes Catalyzed by Palladium/ Nitrogenâ€Based Ligand Complexes. Asian Journal of Organic Chemistry, 2013, 2, 624-636.	2.7	88
8	Copperâ€Catalyzed Cï£¿H Bond Direct Chalcogenation of Aromatic Compounds Leading to Diaryl Sulfides, Selenides, and Diselenides by Using Elemental Sulfur and Selenium as Chalcogen Sources Under Oxidative Conditions. Chemistry - an Asian Journal, 2014, 9, 237-244.	3.3	84
9	Synthesis of 1,3-diarylated imidazo[1,5-a]pyridines with a combinatorial approach: metal-catalyzed cross-coupling reactions of 1-halo-3-arylimidazo[1,5-a]pyridines with arylmetal reagents. Tetrahedron, 2009, 65, 5062-5073.	1.9	79
10	Palladium-Catalyzed Câ€“H Bond Direct Alkynylation of 5-Membered Heteroarenes: A Well-Defined Synthetic Route to Azole Derivatives Containing Two Different Alkynyl Groups. Journal of Organic Chemistry, 2012, 77, 5381-5388.	3.2	78
11	Direct Thionation and Selenation of Amides Using Elemental Sulfur and Selenium and Hydrochlorosilanes in the Presence of Amines. Organic Letters, 2009, 11, 3064-3067.	4.6	76
12	Thioamides and Thioformamides for Sequential Reactions with Organolithium and Grignard Reagents. Chemistry Letters, 2012, 41, 2-8.	1.3	74
13	1-Alkynyl- and 1-Alkenyl-3-arylimidazo[1,5-a]pyridines: Synthesis, Photophysical Properties, and Observation of a Linear Correlation between the Fluorescent Wavelength and Hammett Substituent Constants. Journal of Organic Chemistry, 2011, 76, 6146-6158.	3.2	70
14	One-pot Sequential Direct Câ€“H Bond Arylation of Azoles Catalyzed by [Pd(phen)2](PF6)2: Synthetic Methods for Triarylated Azoles. Journal of Organic Chemistry, 2012, 77, 8815-8820.	3.2	69
15	Thion (RCSOH), Selenon (RCSeOH), and Telluron (RCTeOH) Acids as Predominant Species. Journal of the American Chemical Society, 1996, 118, 1262-1267.	13.7	62
16	SELENIUM AND TELLURIUM ISOLOGUES OF CARBOXYLIC ACID DERIVATIVES. Organic Preparations and Procedures International, 1986, 18, 369-427.	1.3	57
17	Intramolecular Cyclization of in Situ Generated Adducts Formed between Thioamide Dianions and Thioformamides Leading to Generation of 5-Amino-2-thiazolines and 5-Aminothiazoles, and Their Fluorescence Properties. Organic Letters, 2011, 13, 1718-1721.	4.6	56
18	Selenonthiol esters: isolation and characterization. Journal of the American Chemical Society, 1993, 115, 3000-3001.	13.7	51

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19	Direct Sequential C3 and C1 Arylation Reaction of Imidazo[1,5-a]pyridine Catalyzed by a 1,10-Phenanthrolineâ€“Palladium Complex. Chemistry Letters, 2011, 40, 939-940.	1.3	47
20	P-Chiral Phosphinoselenoic Chlorides and Phosphinochalcogenoselenoic Acid Esters:Â Synthesis, Characterization, and Conformational Studies. Journal of Organic Chemistry, 2005, 70, 952-959.	3.2	45
21	N-Thioacyl 1,3-Amino Alcohols:Â Synthesis via Ring-Opening of Oxiranes with Thioamide Dianions and Applications as Key Intermediates Leading to Stereochemically Defined 5,6-Dihydro-4H-1,3-oxazines and 1,3-Amino Alcohols. Journal of Organic Chemistry, 2005, 70, 8148-8153.	3.2	45
22	Selenothioic AcidS-Esters:Â Synthesis, Characterization, and Trend for Stability. Journal of the American Chemical Society, 1997, 119, 8592-8597.	13.7	42
23	Sequential addition reaction of lithium acetylides and Grignard reagents to thioiminium salts from thiolactams leading to 2,2-disubstituted cyclic amines. Tetrahedron, 2006, 62, 6312-6320.	1.9	42
24	Facile Synthetic Method for Diverse Polyfunctionalized Imidazoles by Means of Pd-Catalyzed Câ€“H Bond Arylation of N-Methyl-4,5-dibromoimidazole. Journal of Organic Chemistry, 2014, 79, 7185-7192.	3.2	40
25	5-N-Arylaminothiazoles as Highly Twisted Fluorescent Monocyclic Heterocycles: Synthesis and Characterization. Journal of Organic Chemistry, 2015, 80, 10742-10756.	3.2	40
26	Copper-catalyzed oxidative desulfurizationâ€“oxygenation of thiocarbonyl compounds using molecular oxygen: an efficient method for the preparation of oxygen isotopically labeled carbonyl compounds. Chemical Communications, 2007, , 2354-2356.	4.1	39
27	Imidazo[1,5-a]pyridin-3-ylidenes as Ï€-accepting carbene ligands: substituent effects on properties of N-heterocyclic carbenes. Organic and Biomolecular Chemistry, 2017, 15, 1810-1820.	2.8	39
28	Acyclic Selenoiminium Salts:â€‰ Isolation, First Structural Characterization, and Reactions. Organic Letters, 2003, 5, 1361-1364.	4.6	38
29	Highly Efficient Peterson Olefination Leading to Unsaturated Selenoamides and Their Characterizationâ€. Journal of Organic Chemistry, 2003, 68, 7979-7982.	3.2	37
30	Direct Câ€“H Bond Arylation of Thienyl Thioamides Catalyzed by Pdâ€“Phenanthroline Complexes. Organic Letters, 2015, 17, 5392-5395.	4.6	37
31	Synthesis and reaction of selenocarbamic acid sodium and potassium salts and organo-germanium, -tin, and -lead esters. Heteroatom Chemistry, 1995, 6, 215-221.	0.7	34
32	Generation and Reactions of a Selenoamide Dianion. Organic Letters, 2002, 4, 1407-1409.	4.6	34
33	1,1â€˜-Binaphthyl-2,2â€˜-diyl Phosphoroselenoyl Chloride as a Chiral Molecular Tool for the Preparation of Enantiomerically Pure Alcohols and Amines. Journal of the American Chemical Society, 2006, 128, 4584-4585.	13.7	34
34	Acidâ€Responsive Absorption and Emission of 5â€Nâ€Arylaminothiazoles: Emission of White Light from a Single Fluorescent Dye and a Lewis Acid. ChemistryOpen, 2016, 5, 434-438.	1.9	34
35	Tautomeric Equilibrium between Selenol and Selenoxo Forms of Selenocarboxylic Acids. Journal of the American Chemical Society, 1994, 116, 2195-2196.	13.7	33
36	Iodo-cyclization ofN-Homoallyl Thioamides Leading to 2,4-Diaryl-5,6-dihydro-4H-1,3-thiazines. Chemistry Letters, 2004, 33, 508-509.	1.3	31

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37	Diastereoselective Synthesis of N-Secondary Alkyl 2-Alkoxymethylpyrrolidines via Sequential Addition Reactions of Organolithium and -Magnesium Reagents to N-Thioformyl 2-Alkoxymethylpyrrolidines. Journal of Organic Chemistry, 2008, 73, 9518-9521.	3.2	31
38	Thio-, Seleno-, Telluro-Amides. Topics in Current Chemistry, 0, , 247-272.	4.0	30
39	Sequential Addition Reactions of Two Molecules of Grignard Reagents to Thioformamides. Journal of Organic Chemistry, 2009, 74, 5703-5706.	3.2	30
40	Thioamide dianions derived from N-arylmethyl thioamides: Generation and application as carbon nucleophiles adjacent to the nitrogen atom. Pure and Applied Chemistry, 2010, 82, 541-554.	1.9	29
41	Aldol-Type Condensation Reactions of Selenothioacetic AcidS-Butyl Ester Leading to Î²-Hydroxy Selenothioic AcidS-Esters and Ketene Selenothioacetals. Journal of Organic Chemistry, 1999, 64, 2130-2133.	3.2	28
42	Phosphinoselenothioic Acids and Their Salts:Â Synthesis, Characterization, and Reaction with Electrophiles. Journal of Organic Chemistry, 2005, 70, 5611-5617.	3.2	28
43	Synthesis and Characterization of Oâ€Triorganosilyl Selenocarboxylates. Chemische Berichte, 1992, 125, 417-422.	0.2	27
44	The First Ammonium Aromatic Diselenoates:Â Stable Heavy Congeners of Aromatic Carboxylic Acid Salts. Journal of the American Chemical Society, 2002, 124, 5960-5961.	13.7	27
45	Iodine-mediated cyclization of N-thioacyl-1-(2-pyridyl)-1,2-aminoalcohols and their subsequent condensation leading to the formation of novel bis(1-imidazo[1,5-a]pyridyl)arylmethanes. Chemical Communications, 2009, , 7009.	4.1	27
46	Crystalline Sodium Selenocarboxylates - synthesis and characterization. Journal FÃ¼r Praktische Chemie, 1990, 332, 898-910.	0.2	26
47	Stereoselective generation and trapping of lithium eneselenolates leading to ketene selenothioacetals and selenothioesters. Tetrahedron, 1996, 52, 2839-2846.	1.9	26
48	Synthesis and Structure ofN-(Silylalkyl)amides:Â Rhodium-Catalyzed Hydrosilylation of Enamides. Organometallics, 1998, 17, 926-932.	2.3	26
49	P-Chiral Phosphinoselenoic Chlorides and Optically ActiveP-Chiral Phosphinoselenoic Amides: Synthesis and Stereospecific Interconversion with Extrusion and Addition Reactions of the Selenium Atom. Chemistry Letters, 2004, 33, 878-879.	1.3	26
50	Syntheses and fluorideâ€ionâ€mediated hydrolysis of phosphoroselenoic acid ester and amides. Heteroatom Chemistry, 2009, 20, 255-261.	0.7	26
51	Synthesis and Characterization of Boron Complexes of Imidazo[1,5-a]pyridylalkyl Alcohols. Chemistry Letters, 2013, 42, 828-830.	1.3	26
52	Reaction of Selenoamide Dianions with Thio- and Selenoformamides Leading to the Formation of 5-Aminoselenazoles: Photophysical and Electrochemical Properties. Journal of Organic Chemistry, 2014, 79, 4930-4939.	3.2	26
53	Synthesis of Rubidium and Cesium Tellurocarboxylates and an X-Ray Structural Analysis of Heavy Alkali Metal Monochalcogenocarboxylates. Bulletin of the Chemical Society of Japan, 1995, 68, 3507-3517.	3.2	25
54	Reaction and Characterization of Thioamide Dianions Derived fromN-Benzyl Thioamides. Journal of Organic Chemistry, 2003, 68, 8514-8519.	3.2	25

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55	Copper-catalyzed Oxidative Desulfurization-promoted Intramolecular Cyclization of Thioamides Using Molecular Oxygen as an Oxidant: An Efficient Route to Five- to Seven-membered Nitrogen-containing Heterocycles. Chemistry Letters, 2008, 37, 646-647.	1.3	25
56	The Construction and Application of C=S Bonds. Topics in Current Chemistry, 2018, 376, 31.	5.8	25
57	MeOTf-Mediated Alkynylation of Selenoamides Leading to Î²-Methylselenenyl Î±,Î²-Unsaturated Ketones and Their Characterization. Organic Letters, 2001, 3, 1993-1995.	4.6	24
58	Michael Addition of Selenoamides to Î±,Î²-Unsaturated Carbonyl Compounds:â€‰ Stereocontrolled Synthesis of Î´-Oxo Selenoamides and Their Reactivity. Organic Letters, 2000, 2, 311-313.	4.6	23
59	The First Example of Ammonium Selenothioates:Â Isolation and Characterization. Journal of the American Chemical Society, 2000, 122, 9850-9851.	13.7	23
60	Synthesis of 1,1â€²-Binaphthyl-2,2â€²-diyl Phosphoroselenoic Amides and Their Conversion to Optically Pure Phosphoramidites. Chemistry Letters, 2006, 35, 1424-1425.	1.3	23
61	N,N-Diarylthiazol-5-amines: Structure-Specific Mechanofluorochromism and White Light Emission in the Solid State. Bulletin of the Chemical Society of Japan, 2020, 93, 927-935.	3.2	23
62	Enantiomerically pure P-chiral phosphinoselenoic chlorides: inversion of configuration at the P-chirogenic center in the synthesis and reaction of these substances. Chemical Communications, 2005, , 4077.	4.1	21
63	Reactions of diselenoic acid esters with amines and X-ray crystal structure analyses of aromatic selenoamides. Heteroatom Chemistry, 1995, 6, 241-246.	0.7	20
64	Synthesis of P-Stereogenic Phosphinates via an Axis-to-Center Chirality Transfer by the Reaction of Phosphonates Having a Binaphthyloxy Group with Grignard Reagents. Chemistry Letters, 2017, 46, 1068-1071.	1.3	20
65	Synthesis of Chiral Selenazolines from N-Acyloxazolidinones via a Selenative Rearrangement of Chiral Cyclic Skeletons. Organic Letters, 2018, 20, 5826-5830.	4.6	20
66	A Modular Approach to Phosphorescent Ï€-Extended Heteroacenes. Inorganic Chemistry, 2019, 58, 13323-13336.	4.0	20
67	One-Pot Synthesis of Selenothioic AcidS-Alkyl Esters by the Reaction of Lithium Alkyneselenolates with Thiols. Chemistry Letters, 1993, 22, 1469-1472.	1.3	19
68	Selenophilic reaction of organolithium and magnesium reagents with phosphinoselenoic chlorides. Heteroatom Chemistry, 2005, 16, 185-191.	0.7	19
69	Imidazo[1,5-a]pyridine-1-ylalkylalcohols: synthesis via intramolecular cyclization of N-thioacyl 1,2-aminoalcohols and their silyl ethers and molecular structures. Organic and Biomolecular Chemistry, 2012, 10, 4943.	2.8	19
70	Diastereoâ€•and Regioselective Addition of Thioamide Dianions to Imines and Aziridines: Synthesis of Nâ€‹Thioacylâ€‹1,2â€‹diamines and Nâ€‹Thioacylâ€‹1,3â€‹diamines. Chemistry - A European Journal, 2013, 19, 304-313.	3.3	19
71	Triorganogermanium Selenocarboxylates: Synthesis and Reactions. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1992, 47, 558-562.	0.7	18
72	New Thioacylating Reagents: 1â€‹Methylâ€‹2â€‹thioacylthioâ€‹pyridinium Salts. Zeitschrift FÃ¼r Chemie, 1990, 30, 67-69.	0.0	18

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73	Selenothiophosphinic Acid Salts: Efficient Synthesis, Structure and Reactivity. Chemistry Letters, 2002, 31, 914-915.	1.3	17
74	Optically active P-chiral phosphinoselenoic amides: stereochemical outcome at the P-stereogenic center in the synthesis of these substances and their characterization. Tetrahedron: Asymmetry, 2005, 16, 3703-3710.	1.8	17
75	Syntheses and Properties of Phosphinoselenoic Chlorides, Acids, and Their Salts. Current Organic Chemistry, 2006, 10, 1963-1973.	1.6	17
76	Sequential Addition Reactions of Lithium Acetylides and Grignard Reagents to Selenoiminium Salts Leading to 2-Propynyl Tertiary Amines Bearing a Tetrasubstituted Carbon Center. Bulletin of the Chemical Society of Japan, 2007, 80, 2220-2225.	3.2	17
77	Synthesis and Properties of Phosphoroselenoic Acids and Their salts Bearing Binaphthyl Groups. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 185, 964-973.	1.6	17
78	Rhodium(I) and iridium(I) imidazo[1,5-a]pyridine-1-ylalkylalkoxy complexes: Synthesis, characterization and application as catalysts forÂhydrosilylation of alkynes. Journal of Organometallic Chemistry, 2015, 794, 76-80.	1.8	17
79	Hydrolysis of Phosphonothioates with a Binaphthyl Group: P-Stereogenic O-Binaphthyl Phosphonothioic Acids and Their Use as Optically Active Ligands and Chiral Discriminating Agents. Organic Letters, 2018, 20, 1375-1379.	4.6	17
80	Structure of N-Aryl Selenoacetamides in Solutions and in the Solid State. Journal of Organic Chemistry, 1998, 63, 374-376.	3.2	16
81	Telluration of seleno- and chloroiminium salts leading to various telluroamides, and their structure and NMR properties. Journal of Organometallic Chemistry, 2007, 692, 129-135.	1.8	16
82	Fluoride-ion-mediated Hydrolysis of Phosphoric Acid Esters, Amides, and Phosphorous Acid Esters Leading to Phosphorofluoridic, Phosphoramide Fluoridic, and Phosphonic Acid Monoester Salts. Chemistry Letters, 2008, 37, 1198-1199.	1.3	16
83	Î±-Hydroxy and Î±-Oxo Selenoamides: Synthesis via Nucleophilic Selenocarbamoylation of Carbonyl Compounds and Characterization. Journal of Organic Chemistry, 2015, 80, 6903-6907.	3.2	16
84	Synthesis and Photophysical Properties of 5-N-Arylamino-4-methylthiazoles Obtained from Direct Câ€“H Arylations and Buchwaldâ€“Hartwig Aminations of 4-Methylthiazole. Organometallics, 2017, 36, 2552-2558.	2.3	16
85	4-Penteneselenothioic acid S-alkyl esters: Synthesis via the seleno-Claisen rearrangement. Tetrahedron, 1997, 53, 12237-12247.	1.9	15
86	Synthesis and Structure of Group 14 Element Derivatives of Carbotelluroates. Organometallics, 2002, 21, 1487-1492.	2.3	15
87	Synthesis and Properties of Selenoiminium Salts Derived from Secondary Selenoamides. Organometallics, 2004, 23, 3907-3913.	2.3	15
88	Addition reaction of zinc acetylides to thioiminium salts leading to 3-amino-1-sulfenyl-1,4-enynes. Tetrahedron Letters, 2005, 46, 3637-3640.	1.4	15
89	Synthesis of 1,1â€²-Binaphthyl-2,2â€²-diyl Phosphoroselenoic Ammonium Salts and Their Conversion to Optically Active Dialkyl Diselenides. Chemistry Letters, 2007, 36, 852-853.	1.3	15
90	Synthesis and Properties of 1-Methylthiopropargylammonium Salts and Their Use as Key Precursors to Sulfur-Containing Enediynes. Organic Letters, 2007, 9, 5295-5298.	4.6	15

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91	Fluorinative hydrolysis of phosphorothioic acid esters with a binaphthyl group through axis-to-center chirality transfer leading to the formation of P-chiral phosphorothioic monofluoridic acid salts. Chemical Communications, 2014, 50, 12473-12475.	4.1	15
92	1-Substituted-imidazo[1,5-a]pyridin-3-ylidenes as Highly Efficient Ligands for Rh- and Ir-catalyzed Transfer Hydrogenation of Carbonyl Compounds. Chemistry Letters, 2016, 45, 1327-1329.	1.3	15
93	Employing BINOLâ€Phosphoroselenoyl Chloride for Selective Inositol Phosphorylation and Synthesis of Glycosyl Inositol Phospholipid from Entamoeba histolytica. Chemistry - A European Journal, 2017, 23, 8304-8308.	3.3	15
94	Transfer Semihydrogenation of Alkynes Catalyzed by Imidazo[1,5-a]pyrid-3-ylideneâ€“Pd Complexes: Positive Effects of Electronic and Steric Features on N-Heterocyclic Carbene Ligands. Bulletin of the Chemical Society of Japan, 2020, 93, 332-337.	3.2	15
95	Aldol-type condensation reactions of lithium eneselenolates generated from selenoamides with aldehydes. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 2711-2716.	1.3	14
96	Ammonium Eneselenolates:Â Stereochemistry and Electronic Properties. Journal of Organic Chemistry, 2001, 66, 8101-8105.	3.2	14
97	(Selenocarbamoyl)silanes and -germanes: Their Synthesis Using (Selenocarbamoyl)lithium and Characterization. Organometallics, 2010, 29, 2400-2402.	2.3	14
98	Chemoselective and Stereoselective Alcoholysis of Binaphthyl Phosphonothioates: Straightforward Access to Both Stereoisomers of Biologically Relevant P-Stereogenic Phosphonothioates. Journal of Organic Chemistry, 2020, 85, 14446-14455.	3.2	14
99	Sequential Oneâ€Pot Addition of Excess Arylâ€Grignard Reagents and Electrophiles to Oâ€Alkyl Thioformates. Chemistry - A European Journal, 2013, 19, 13112-13119.	3.3	13
100	Anti-Markovnikov hydrophosphoroselenoylation of alkenes using phosphorodiselenoic acid esters leading to the formation of phosphonoselenoic acid esters. Chemical Communications, 2013, 49, 9675.	4.1	13
101	Pyridinium 5-aminothiazoles: specific photophysical properties and vapochromism in halogenated solvents. RSC Advances, 2017, 7, 18132-18135.	3.6	13
102	Isolation of Crystalline Potassium Alkanecarboselenoates. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1989, 44, 1519-1523.	0.7	12
103	Selective Allylations of Selenothioic AcidS-Alkyl Esters with Allylic Bromides. Chemistry Letters, 1995, 24, 1057-1058.	1.3	12
104	Selenotellurocarbamic Acid Te-Alkyl Esters:â€‰ First Isolation and Characterization. Organometallics, 1996, 15, 5753-5755.	2.3	12
105	Sequential Deprotonationâ€“Alkylation of Binaphthyloxy-Substituted Phosphonochalcogenoates: Chiral Tri- and Tetrasubstituted Carbon Centers Adjacent to a Phosphorus Atom. Organic Letters, 2016, 18, 5264-5267.	4.6	12
106	Discrimination of remote chirality of primary alcohols using 1,1â€²-binaphthyl-2,2â€²-DIYL phosphoroselenoyl chlorides as a chiral molecular tool. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 163-173.	1.6	12
107	Sequential One-pot Reactions of Thioformates with Lithium Silylacetylides, Arylmagnesium Halides, and Electrophiles Leading to Formation of Propargyl Sulfides. Chemistry Letters, 2011, 40, 70-71.	1.3	11
108	Synthesis of Î³,Î´-Unsaturated Selenoamides via the Seleno-Claisen Rearrangement of in situ Generated Allylic Vinyl Selenides from Selenoamides and Allylic BromidesÂ. Synthesis, 2012, 44, 3197-3201.	2.3	11

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109	Phosphonoselenoic acid esters from the reaction between phosphoroselenoyl chlorides and Grignard reagents: synthetic and stereochemical aspects. RSC Advances, 2016, 6, 15180-15183.	3.6	11
110	Highly Efficient Generation of Ammonium Eneselenolates, Their Reactions and Electronic Properties. Chemistry Letters, 2000, 29, 368-369.	1.3	10
111	Synthesis and Reactions of Selenothioic Acid S-Esters and Diselenoic Acid Esters. Synlett, 2005, 2005, 1509-1520.	1.8	10
112	Generation and characterization of aliphatic selenothioic acid salts. Tetrahedron, 2012, 68, 10489-10495.	1.9	10
113	Selenolactams as Synthetic Intermediates for the Synthesis of Polycyclic Amines via Seleno-Claisen Rearrangements. Journal of Organic Chemistry, 2018, 83, 3078-3089.	3.2	10
114	Boron complexes of thiazole-bridged 1,5-bidentate nitrogen ligands: synthesis and acid-responsive photophysical properties. Organic and Biomolecular Chemistry, 2021, 19, 6804-6811.	2.8	10
115	Phosphorofluoridic acid ammonium salts and acids: Synthesis, NMR properties, and application as acid catalysts. Heteroatom Chemistry, 2011, 22, 417-425.	0.7	9
116	2â€(2â€Hydroxyphenyl)â€5â€aminothiazoles: Synthesis and Properties Involving Dual Emissions. Asian Journal of Organic Chemistry, 2019, 8, 1102-1106.	2.7	9
117	Phosphoroselenoic Acid Derivatives Bearing a Binaphthyl Group as a Chiral Molecular Tool. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 889-896.	1.6	8
118	Synthesis and Properties of Secondary Thiocarbamoylsilanes. Bulletin of the Chemical Society of Japan, 2010, 83, 52-57.	3.2	8
119	The First Selenium Isologues of 2-Pyrones and Coumarins: Synthesis, Structures, and Reactions. Chemistry Letters, 2017, 46, 1017-1019.	1.3	8
120	Chelationâ€Assisted Î²â€Selective Direct Câˆ'H Bond Arylation of 2â€Thienylthioamide Catalyzed by Palladiumâ€“1,10â€Phenanthroline Complexes. Asian Journal of Organic Chemistry, 2018, 7, 1323-1326.	2.7	8
121	Hormetic Effects of Binaphthyl Phosphonothioates as Pro-oxidants and Antioxidants. Chemical Research in Toxicology, 2020, 33, 2892-2902.	3.3	8
122	Preparation and Some Reactions of Selenium and Tellurium Bis(dithiocarboxylates). Chemische Berichte, 1985, 118, 1696-1708.	0.2	7
123	Aliphatic Bis(acyl) Selenides â€" Synthesis and Characterization. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1989, 44, 1050-1052.	0.7	7
124	Tellurium Amides as a New Tellurating Agent. Phosphorus, Sulfur and Silicon and the Related Elements, 1992, 67, 239-242.	1.6	7
125	Dialkynyl selenides: Synthesis,13C NMR spectra, and molecular orbital calculations. Heteroatom Chemistry, 1994, 5, 31-35.	0.7	7
126	Reactions of selenothioic acid S-esters with trivalent phosphorus compounds: new synthetic methods for Î±-phosphoryl alkyl sulfides and alkyl selenides. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 917-924.	1.3	7

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127	Silylation and alkylation of thioamide dianions ofN-arylmethyl secondary thioamides, and reduction of the resulting thioamides leading to secondary and primary amines. Journal of Sulfur Chemistry, 2009, 30, 225-235.	2.0	7
128	Aromatic Selenoic, Selenothioic, and Diselenoic Acid Salts: Isolation, Characterization, and 77Se NMR Spectra, Together with Theoretical Elucidation. Bulletin of the Chemical Society of Japan, 2014, 87, 677-692.	3.2	7
129	Experimental and Theoretical Examination of the Radical Cations Obtained from the Chemical and Electrochemical Oxidation of 5â€Aminothiazoles. ChemistryOpen, 2017, 6, 282-287.	1.9	7
130	P-stereogenic phosphinothioic acids, phosphonothioic acids and their esters: Syntheses, reactions, and applications. Tetrahedron, 2020, 76, 131152.	1.9	7
131	Imidazo[1,5-a]pyridinylidenes as Ï€-Accepting NHC Ligands in Catalysis. Chemistry Letters, 2021, 50, 1892-1900.	1.3	7
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