Mamoru Koketsu

List of Publications by Year
in descending order

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222	5,331	94269	168136
papers	citations	37 h-index	53 g-index

234	234	234	4791
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biologically significant selenium-containing heterocycles. Coordination Chemistry Reviews, 2011, 255, 2968-2990.	9.5	140
2	Recent developments in the synthesis of biologically relevant selenium-containing scaffolds. Coordination Chemistry Reviews, 2017, 339, 104-127.	9.5	136
3	Partially Unfolded Lysozyme at Neutral pH Agglutinates and Kills Gram-Negative and Gram-Positive Bacteria through Membrane Damage Mechanism. Journal of Agricultural and Food Chemistry, 1996, 44, 3799-3806.	2.4	120
4	Synthesis of 1,3-thiazine derivatives and their evaluation as potential antimycobacterial agents. European Journal of Pharmaceutical Sciences, 2002, 15, 307-310.	1.9	120
5	Reaction of Lithium Aluminum Hydride with Elemental Selenium:Â Its Application as a Selenating Reagent into Organic Molecules. Journal of the American Chemical Society, 2001, 123, 8408-8409.	6.6	114
6	Isoselenocyanates: A Powerful Tool for the Synthesis of Selenium-Containing Heterocycles. Molecules, 2007, 12, 504-535.	1.7	89
7	Synthesis of Selenoâ€Heterocycles via Electrophilic/Radical Cyclization of Alkyne Containing Heteroatoms. Advanced Synthesis and Catalysis, 2020, 362, 3485-3515.	2.1	79
8	Synthesis of 3-Selena-1-dethiacephems and Selenazepines via Iodocyclization. Organic Letters, 2008, 10, 3319-3322.	2.4	74
9	Preparation of Isoselenocyanate and Synthesis of Carbodiimide by Oxidation of Selenourea. Journal of Organic Chemistry, 1999, 64, 6473-6475.	1.7	70
10	A Facile Method for Î²-Selenoglycoside Synthesis Using Î²-p-Methylbenzoyl Selenoglycoside as the Selenating Unit. Organic Letters, 2005, 7, 4653-4656.	2.4	70
11	Antioxidative Activity of Egg Yolk Phospholipids. Journal of Agricultural and Food Chemistry, 1997, 45, 551-554.	2.4	65
12	Dietary Tricin Suppresses Inflammation-Related Colon Carcinogenesis in Male Crj: CD-1 Mice. Cancer Prevention Research, 2009, 2, 1031-1038.	0.7	62
13	Novel compounds, '1,3-selenazine derivatives' as specific inhibitors of eukaryotic elongation factor-2 kinase. Biochimica Et Biophysica Acta - General Subjects, 2000, 1475, 207-215.	1.1	58
14	Preparation of N,N-unsubstituted selenoureas and thioureas from cyanamides. Tetrahedron Letters, 2001, 42, 6333-6335.	0.7	55
15	5-Chloroacetyl-2-amino-1,3-selenazoles attenuate microglial inflammatory responses through NF-Î¹B inhibition. European Journal of Pharmacology, 2008, 589, 53-57.	1.7	55
16	Regulation of Melanin Synthesis by Selenium-Containing Carbohydrates. Chemical and Pharmaceutical Bulletin, 2006, 54, 281-286.	0.6	53
17	Synthesis of a Novel Sialic Acid Derivative (Sialylphospholipid) as an Antirotaviral Agent. Journal of Medicinal Chemistry, 1997, 40, 3332-3335.	2.9	51
18	1,3-Selenazine derivatives induce cytotoxicity and DNA fragmentation in human HT-1080 fibrosarcoma cells. European Journal of Pharmaceutical Sciences, 1999, 9, 157-161.	1.9	51

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19	Selenium-Containing Heterocycles Using Selenoamides, Selenoureas, Selenazadienes, and Isoselenocyanates. Heterocycles, 2010, 81, 2027.	0.4	50
20	Mesoporous silica MCM-41 as a highly active, recoverable and reusable catalyst for direct amidation of fatty acids and long-chain amines. Green Chemistry, 2011, 13, 828.	4.6	50
21	Inhibitory effects of flavonoids isolated from Fragaria ananassa Duch on IgE-mediated degranulation in rat basophilic leukemia RBL-2H3. Bioorganic and Medicinal Chemistry, 2009, 17, 5374-5379.	1.4	49
22	Antitermite Activities of Coumarin Derivatives and Scopoletin from Protium javanicum Burm. f.. Journal of Chemical Ecology, 2010, 36, 720-726.	0.9	49
23	Increased Bioavailability of Tricinâ˜Amino Acid Derivatives via a Prodrug Approach. Journal of Medicinal Chemistry, 2011, 54, 1529-1536.	2.9	49
24	Thiourea and Selenourea and Their Applications. Current Organic Synthesis, 2006, 3, 439-455.	0.7	47
25	Identification of organoselenium compounds that possess chemopreventive properties in human prostate cancer LNCaP cells. Bioorganic and Medicinal Chemistry, 2010, 18, 7001-7008.	1.4	47
26	Antidiscoloring Activity of Green Tea Polyphenols on Î²-Carotene. Journal of Agricultural and Food Chemistry, 1997, 45, 2009-2012.	2.4	46
27	Inhibition of Tyrosinase Activity by N,N-Unsubstituted Selenourea Derivatives. Biological and Pharmaceutical Bulletin, 2005, 28, 838-840.	0.6	46
28	Synthesis and Applications of Chalcogenoamide: Thio-, Seleno- and Telluroamides. Current Organic Synthesis, 2007, 4, 15-29.	0.7	45
29	Inhibition of Heparan Sulfate and Chondroitin Sulfate Proteoglycan Biosynthesis. Journal of Biological Chemistry, 2008, 283, 28881-28887.	1.6	44
30	Large-scale preparation of sialic acid from chalaza and egg-yolk membrane. Carbohydrate Research, 1991, 214, 179-186.	1.1	43
31	Selenoureas and thioureas are effective superoxide radical scavengers in vitro. Life Sciences, 2005, 76, 2185-2192.	2.0	43
32	Anti-Human Cytomegalovirus Activity of Constituents from Sasa Albo-Marginata (Kumazasa in Japan). Antiviral Chemistry and Chemotherapy, 2008, 19, 125-132.	0.3	43
33	pH-Triggered Drug Release Controlled by Poly(Styrene Sulfonate) Growth Hollow Mesoporous Silica Nanoparticles. ACS Omega, 2020, 5, 4261-4269.	1.6	43
34	Identification of pinitol as a main sugar constituent and changes in its content during flower bud development in carnation (Dianthus caryophyllus L.). Journal of Plant Physiology, 1998, 152, 363-367.	1.6	42
35	Synthesis and antimicrobial activity of Î²-carboline derivatives with N2-alkyl modifications. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2976-2978.	1.0	41
36	Sialyloligosaccharides from Egg Yolk as an Inhibitor of Rotaviral Infection. Journal of Agricultural and Food Chemistry, 1995, 43, 858-861.	2.4	40

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37	Inhibitory Effects of 1,3-Selenazol-4-one Derivatives on Mushroom Tyrosinase.. Chemical and Pharmaceutical Bulletin, 2002, 50, 1594-1596.	0.6	40
38	Reaction ofN,N-Dimethylselenocarbamoyl Chloride with Nucleophiles. Preparation of Diselenocarbamates, Selenothiocarbamates, and Selenoureas. Journal of Organic Chemistry, 2002, 67, 1008-1011.	1.7	40
39	Synthesis, Characterization, and Antileukemic Properties of Naphthoquinone Derivatives of Lawsone. ChemMedChem, 2015, 10, 1413-1423.	1.6	39
40	ANTIOXIDATIVE ACTIVITY OF GREEN TEA POLYPHENOLS IN EDIBLE OILS. Journal of Food Lipids, 1997, 4, 1-9.	0.9	38
41	Superoxide Anion-Scavenging Effect of 2-Amino-1,3-selenazoles. Chemical and Pharmaceutical Bulletin, 2005, 53, 1439-1442.	0.6	38
42	Synthesis of 2,8-Dioxabicyclo[3.3.1]nonane Derivatives via a Sequential Knoevenagel Condensation and Hetero-Dielsâ€“Alder Reaction in an Aqueous Medium. Journal of Organic Chemistry, 2013, 78, 11612-11617.	1.7	38
43	Preparation ofN-acetylneuraminic acid from delipidated egg yolk. Glycoconjugate Journal, 1992, 9, 70-74.	1.4	37
44	Synthesis of indole-2-, 3-, or 5-substituted propargylamines via gold(III)-catalyzed three component reaction of aldehyde, alkyne, and amine in aqueous medium. Tetrahedron, 2013, 69, 8025-8033.	1.0	37
45	Synthesis of thieno[2,3-b]quinoline and selenopheno[2,3-b]quinoline derivativesviaiodocyclization reaction and a DFT mechanistic study. Organic and Biomolecular Chemistry, 2018, 16, 245-255.	1.5	37
46	Iron-Promoted Intramolecular Cascade Cyclization for the Synthesis of Selenophene-Fused, Quinoline-Based Heteroacenes. Journal of Organic Chemistry, 2019, 84, 8602-8614.	1.7	37
47	Synthesis of Novel Selenapenams, Selenacephems, and Selenazepines Using a 2-(Trimethylsilyl)ethyl Protection Approach. Organic Letters, 2007, 9, 4455-4458.	2.4	36
48	Stereoselective synthesis of various Î±-selenoglycosides using in situ production of Î±-selenolate anion. Tetrahedron Letters, 2007, 48, 1113-1116.	0.7	36
49	4-Deoxy-4-fluoro-xyloside derivatives as inhibitors of glycosaminoglycan biosynthesis. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 7269-7273.	1.0	36
50	Phytochemical analysis and antileukemic activity of polyphenolic constituents of Toona sinensis. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4286-4290.	1.0	36
51	Enzymatic synthesis of a sialyl Lewis X dimer from egg yolk as an inhibitor of E-selectin. Bioorganic and Medicinal Chemistry, 1995, 3, 1625-1630.	1.4	35
52	Reduced scytonemin isolated from Nostoc commune induces autophagic cell death in human T-lymphoid cell line Jurkat cells. Food and Chemical Toxicology, 2013, 60, 76-82.	1.8	35
53	Selenazoles (selenium compounds) facilitate survival of cultured rat pheochromocytoma PC12 cells after serum-deprivation and stimulate their neuronal differentiation via activation of Akt and mitogen-activated protein kinase, respectively. Biochemical and Biophysical Research Communications, 2007, 352, 360-365.	1.0	34
54	EFFICIENT SYNTHESIS OF SELENOUREAS FROM THE CORRESPONDING CARBODIIMIDES. Synthetic Communications, 2002, 32, 3075-3079.	1.1	33

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55	Selenocarbamates are effective superoxide anion scavengers in vitro. European Journal of Pharmaceutical Sciences, 2005, 24, 291-295.	1.9	33
56	Preparation of 1,4-Oxaselenin from AgNO3/LDA-Assisted Reaction of 3-Selena-4-pentyn-1-one as Potential Antitumor Agents. Organic Letters, 2001, 3, 1705-1707.	2.4	32
57	A dual inhibitor against prolyl isomerase Pin1 and cyclophilin discovered by a novel real-time fluorescence detection method. Biochemical and Biophysical Research Communications, 2011, 406, 439-443.	1.0	32
58	Cyclic AMP inhibits translation of cyclin D3 in T lymphocytes at the level of elongation by inducing eEF2-phosphorylation. Cellular Signalling, 2003, 15, 871-881.	1.7	31
59	Synthesis of 1,3-Selenazines and 1,3-Selenazolidines via Intramolecular Addition ofN-Allylselenoureas. Chemistry Letters, 2006, 35, 626-627.	0.7	31
60	Effects of Functional Groups and Sugar Composition of Quercetin Derivatives on Their Radical Scavenging Properties. Journal of Natural Products, 2016, 79, 1808-1814.	1.5	31
61	Growth Inhibitory, Bactericidal, and Morphostructural Effects of Dehydrocostus Lactone from Magnolia sieboldii Leaves on Antibiotic-Susceptible and -Resistant Strains of Helicobacter pylori. PLoS ONE, 2014, 9, e95530.	1.1	31
62	Chemical studies onGoniothalamus tapisMiq.. Natural Product Research, 2010, 24, 657-662.	1.0	30
63	Novel glycosaminoglycan biosynthetic inhibitors affect tumor-associated angiogenesis. Biochemical and Biophysical Research Communications, 2011, 404, 86-89.	1.0	30
64	Anti-Influenza Virus Activity of Tricin, 4â€²,5,7-trihydroxy-3â€²,5â€²-dimethoxyflavone. Antiviral Chemistry and Chemotherapy, 2011, 22, 1-11.	0.3	30
65	First regioselective iodocyclization of O-allylselenocarbamates. Tetrahedron Letters, 2007, 48, 7764-7768.	0.7	29
66	Synthesis and characterization of novel 1,3-selenazine derivatives. BF3Â·Et2O-assisted reaction of primary selenoamides with Î±,Î²-unsaturated ketones. Journal of the Chemical Society Perkin Transactions 1, 1999, , 453-456.	0.9	28
67	Reactions of acyl chlorides with LiAlHSeH. Preparation of diacyl selenides, diacyl diselenides, selenocarboxylates and cyclic selenoanhydrides. Journal of the Chemical Society, Perkin Transactions 1, 2002, , 737-740.	1.3	28
68	Phenolic constituents isolated from Fragaria ananassa Duch. inhibit antigen-stimulated degranulation through direct inhibition of spleen tyrosine kinase activation. Bioorganic and Medicinal Chemistry, 2010, 18, 5932-5937.	1.4	28
69	Synthesis and Cytotoxicity on Human Leukemia Cells of Furonaphthoquinones Isolated from <i>Tabebuia</i> Plants. Chemical and Pharmaceutical Bulletin, 2013, 61, 670-673.	0.6	28
70	Reduced scytonemin isolated from Nostoc commune suppresses LPS/IFNÎ³-induced NO production in murine macrophage RAW264 cells by inducing hemeoxygenase-1 expression via the Nrf2/ARE pathway. Food and Chemical Toxicology, 2014, 69, 330-338.	1.8	28
71	A novel de-O-chloroacetylation reagent: 1-seleonocarbamoylpiperidine. Tetrahedron Letters, 2006, 47, 6603-6606.	0.7	27
72	One-Pot Synthesis of 2-Imino-1,3-selenazolidines by Reaction of Isoselenocyanates with Propargylamine. Heterocycles, 2006, 68, 1607.	0.4	27

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73	Stereoselective Synthesis of the Î±-Glycoside of a KDO â€œCâ€•Disaccharide. Organic Letters, 2000, 2, 3361-3363.	2.4	26
74	Preparation of 1,3-Selenazol-4-one Derivatives from Primary Selenoamides and Haloacyl Halides. Synthesis, 2001, 2001, 0731-0734.	1.2	26
75	Acacetin inhibits expression of E-selectin on endothelial cells through regulation of the MAP kinase signaling pathway and activation of NF-Î¹B. Immunopharmacology and Immunotoxicology, 2013, 35, 471-477.	1.1	26
76	Facile synthesis ofN,N-dialkylselenoamides from amides. Heteroatom Chemistry, 2002, 13, 195-198.	0.4	25
77	Synthesis of 2-Selenoxoperhydro-1,3-selenazin-4-ones and 2-Selenoxo-1,3-selenazolidin-4-ones via Diselenocarbamate Intermediates. Synthesis, 2006, 2006, 2738-2742.	1.2	25
78	N-trans-Feruloyltyramine as a Melanin Biosynthesis Inhibitor. Biological and Pharmaceutical Bulletin, 2007, 30, 1972-1974.	0.6	25
79	Superoxide radicalâ€scavenging effects from polymorphonuclear leukocytes and toxicity in human cell lines of newly synthesized organic selenium compounds. FEBS Journal, 2007, 274, 6046-6054.	2.2	25
80	Preparation of Monoacylglycerol Derivatives from Indonesian Edible Oil and Their Antimicrobial Assay against Staphylococcus aureus and Escherichia coli. Scientific Reports, 2019, 9, 10941.	1.6	25
81	Review of sialic acidâ€™s biochemistry, sources, extraction and functions with special reference to edible birdâ€™s nest. Food Chemistry, 2022, 367, 130755.	4.2	25
82	Synthesis and Characterization of New Style of Water-Soluble Glycosylated Porphyrins as a Spectrophotometric Reagent for Metal Ions. Bulletin of the Chemical Society of Japan, 1994, 67, 668-679.	2.0	24
83	Identification ofL-Inositol and Scyllitol and Their Distribution in Various Organs in Chrysanthemum. Bioscience, Biotechnology and Biochemistry, 2000, 64, 865-868.	0.6	24
84	Preparation and Characterization ofN-Alkyl-Se-alkylselenocarbamates. Journal of Organic Chemistry, 2002, 67, 486-490.	1.7	24
85	A facile synthesis of 2-amino-1,3-selenazole by reaction ofN,N-unsubstituted selenourea with ketone. Heteroatom Chemistry, 2006, 17, 88-92.	0.4	24
86	Synthesis of selenium-containing bicyclic Î²-lactams via alkene metathesis. Organic and Biomolecular Chemistry, 2009, 7, 2591.	1.5	24
87	Inhibitory effects of 5-chloroacetyl-2-piperidino-1,3-selenazole, a novel selenium-containing compound, on skin melanin biosynthesis. Journal of Pharmacy and Pharmacology, 2010, 62, 352-359.	1.2	24
88	Tricin inhibits proliferation of human hepatic stellate cells in vitro by blocking tyrosine phosphorylation of PDGF receptor and its signaling pathways. Journal of Cellular Biochemistry, 2012, 113, 2346-2355.	1.2	24
89	Diorganyl diselenides: a powerful tool for the construction of selenium containing scaffolds. Dalton Transactions, 2021, 50, 12764-12790.	1.6	24
90	1,3-Selenazol-4-one Derivatives Inhibit Inducible Nitric Oxide-Mediated Nitric Oxide Production in Lipopolysaccharide-Induced BV-2 Cells. Biological and Pharmaceutical Bulletin, 2003, 26, 1657-1660.	0.6	23

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91	A facile preparation of selenohydantoins using isoselenocyanate. Journal of Heterocyclic Chemistry, 2007, 44, 79-81.	1.4	23
92	Recent Advances on C-Se Bond-forming Reactions at Low and Room Temperature. Current Organic Chemistry, 2020, 23, 3206-3225.	0.9	23
93	Antifungal Activity against Food-Borne Fungi ofAspidistra elatiorBlume. Journal of Agricultural and Food Chemistry, 1996, 44, 301-303.	2.4	22
94	Inhibitory effects of tricin derivative from Sasa albo-marginata on replication of human cytomegalovirus. Antiviral Research, 2011, 91, 296-303.	1.9	22
95	Identification of MethylÎ²-Glucopyranoside and Xylose as Soluble Sugar Constituents in Roses (Rosa hybridaL.). Bioscience, Biotechnology and Biochemistry, 1997, 61, 1734-1735.	0.6	21
96	Reaction of Primary Selenoamides with Bisacyl Chlorides: Syntheses of 6-Hydroxy-1,3-selenazin-4-ones and Selenoanhydrides. Chemistry Letters, 1999, 28, 485-486.	0.7	21
97	The isolation of secondary metabolites and in vitro potent anti-cancer activity of clerodermic acid from Enicosanthum membranifolium. Bioorganic and Medicinal Chemistry, 2007, 15, 3667-3671.	1.4	21
98	The Preparation of Acylselenourea and Selenocarbamate Using Isoselenocyanate. Phosphorus, Sulfur and Silicon and the Related Elements, 2006, 181, 2699-2708.	0.8	20
99	Synthesis of Selenosemicarbazides and 1,2,4-Triazoles. Heterocycles, 2006, 68, 1191.	0.4	20
100	Chalcone glycosides isolated from aerial parts of Brassica rapa L. â€˜hidabeniâ€™ suppress antigen-stimulated degranulation in rat basophilic leukemia RBL-2H3 cells. Bioorganic and Medicinal Chemistry, 2010, 18, 7052-7057.	1.4	20
101	Synthetic approaches to selenacephams and selenacephems via a cleavage of diselenide and selenium anion. New Journal of Chemistry, 2011, 35, 581-586.	1.4	20
102	Structureâ€“activity relationship studies of 5,7-dihydroxyflavones as naturally occurring inhibitors of cell proliferation in human leukemia HL-60 cells. Journal of Natural Medicines, 2013, 67, 460-467.	1.1	20
103	Flavonoid profile and antileukemic activity of Coreopsis lanceolata flowers. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2784-2787.	1.0	20
104	Reaction of Allenyl Selenoketene, Generated by [3,3] Sigmatropic Rearrangement, with Amines. Journal of Organic Chemistry, 2001, 66, 4099-4101.	1.7	19
105	Facile Preparation of 1,3-Selenazole-5-carboxylic Acids and the Carboxylates by Reaction of Selenazadienes with Chloroacetyl Chloride. Synthesis, 2004, 2004, 233-236.	1.2	19
106	Bis-(2-amino-5-selenazoyl) Ketone as a Superoxide Anion-Scavenger. Biological and Pharmaceutical Bulletin, 2006, 29, 1404-1407.	0.6	19
107	Morroniside cinnamic acid conjugate as an anti-inflammatory agent. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 4855-4857.	1.0	19
108	Sentulic acid: A cytotoxic ring A-seco triterpenoid from Sandoricum koetjape Merr. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 4242-4245.	1.0	19

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109	Sialyloligosaccharides of Delipidated Egg Yolk Fraction. Journal of Food Science, 1993, 58, 743-747.	1.5	18
110	Phenolic and bis-iridoid glycosides from Strychnos cocculoides. Natural Product Research, 2009, 23, 1408-1415.	1.0	18
111	First synthesis of 1,3-oxaselenepanes. Tetrahedron Letters, 2009, 50, 3035-3037.	0.7	18
112	Inhibitory effects of chalcone glycosides isolated from Brassica rapa L. â€˜hidabeniâ€™ and their synthetic derivatives on LPS-induced NO production in microglia. Bioorganic and Medicinal Chemistry, 2011, 19, 5559-5568.	1.4	18
113	Antimicrobial and anti-inflammatory properties of nostocionone isolated from Nostoc commune Vauch and its derivatives against Propionibacterium acnes. Anaerobe, 2014, 27, 56-63.	1.0	18
114	Iodine mediated in situ generation of R-Seâ€“I: application towards the construction of pyrano[4,3-b]quinoline heterocycles and fluorescence properties. Organic and Biomolecular Chemistry, 2019, 17, 9039-9049.	1.5	18
115	Synthesis of [1,2,4]triazolo[4,3-a]quinoxaline-1,3,4-oxadiazole derivatives as potent antiproliferative agents via a hybrid pharmacophore approach. Bioorganic Chemistry, 2020, 104, 104293.	2.0	18
116	Synthesis of 1,3-Selenazetidines and 4H-1,3,5-Oxadiazines Using Acyl Isoselenocyanates. Heterocycles, 2006, 68, 1267.	0.4	18
117	Syntheses of cyanoselenoamides and diselenoamides: Conversion into selenazoles and selenazines. Heteroatom Chemistry, 2003, 14, 106-110.	0.4	17
118	Synthesis of 1,3-Selenazetidine Derivatives from Imines and Thiocarbamoyl Isoselenocyanate. Heterocycles, 2006, 68, 2107.	0.4	17
119	2-(4-methylphenyl)-1,3-selenazol-4-one induces apoptosis by different mechanisms in SKOV3 and HL 60 cells. Journal of Cellular Biochemistry, 2006, 99, 807-815.	1.2	17
120	Dimerized Glycosaminoglycan Chains Increase FGF Signaling during Zebrafish Development. ACS Chemical Biology, 2013, 8, 939-948.	1.6	17
121	Antileukemic activity of lignans and phenylpropanoids of Cinnamomum parthenoxylon. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 761-764.	1.0	17
122	Synthesis of 3-Acyl-1-alkyl-2-alkylseleno-1-cyclobutene Using Alkyneselenolate. Journal of Organic Chemistry, 2004, 69, 8938-8941.	1.7	16
123	Synthesis of 2-selenoxoperhydro-1,3-selenazin-4-ones via diselenocarbamate intermediates. Tetrahedron, 2009, 65, 4775-4780.	1.0	16
124	Chalcone glycosides from aerial parts of Brassica rapa L. â€˜hidabeniâ€™, turnip. Phytochemistry Letters, 2010, 3, 96-99.	0.6	16
125	Clerodane Diterpenes Isolated from Polyalthia longifolia Induce Apoptosis in Human Leukemia HL-60 Cells. Journal of Oleo Science, 2013, 62, 843-848.	0.6	16
126	Newly Synthesized â€˜Hidabeniâ€™ Chalcone Derivatives Potently Suppress LPS-Induced NO Production <i>via</i> Inhibition of STAT1, but Not NF-Î°B, JNK, and p38, Pathways in Microglia. Biological and Pharmaceutical Bulletin, 2014, 37, 1042-1049.	0.6	16

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127	Suppression of ECâ€SOD by oxLDL During Vascular Smooth Muscle Cell Proliferation. Journal of Cellular Biochemistry, 2016, 117, 2496-2505.	1.2	16
128	Synthesis and photophysical properties of selenopheno[2,3-b]quinoxaline and selenopheno[2,3-b]pyrazine heteroacenes. Organic and Biomolecular Chemistry, 2020, 18, 4063-4070.	1.5	16
129	In situ air oxidation and photophysical studies of isoquinoline-fused N-heteroacenes. Organic and Biomolecular Chemistry, 2020, 18, 2129-2138.	1.5	16
130	Î±-Glucosidase Inhibitors from the Stems of Knema globularia. Journal of Natural Products, 2022, 85, 776-786.	1.5	16
131	Minor Flavonoids (Chalcones, Flavanones, Dihydrochalcones, and Aurones). , 2013, , 1867-1900.		15
132	Flavonoid rutinosides from Cinnamomum parthenoxylon leaves and their hepatoprotective and antioxidant activity. Medicinal Chemistry Research, 2017, 26, 2074-2079.	1.1	15
133	Synthesis of 5-amino-2-selenoxo-1,3-imidazole-4-carboselenoamides by the reaction of isoselenocyanates with aminoacetonitriles. Tetrahedron Letters, 2011, 52, 4650-4653.	0.7	14
134	Synthesis and Z/E isomerization of 2-imino-1,3-thiaselenolanes via iodocyclization. Tetrahedron, 2012, 68, 10496-10501.	1.0	14
135	Synthesis of carbazoloquinone derivatives and their antileukemic activity via modulating cellular reactive oxygen species. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 2243-2247.	1.0	14
136	Design and synthesis of quinoxaline-1,3,4-oxadiazole hybrid derivatives as potent inhibitors of the anti-apoptotic Bcl-2 protein. Bioorganic Chemistry, 2020, 104, 104245.	2.0	14
137	Preparation of 1,3â€selenazoles using selenazadienes. Journal of Heterocyclic Chemistry, 2005, 42, 831-834.	1.4	13
138	Preparation of 4,5-dihydro-1,3-selenazoles by reaction of aromatic primary selenoamides with acetylenedicarboxylate. Journal of Heterocyclic Chemistry, 2007, 44, 231-232.	1.4	13
139	Iodine-Catalyzed Etherification of Morroniside. Chemical and Pharmaceutical Bulletin, 2009, 57, 112-115.	0.6	13
140	Facile Synthesis of Seleniumâ€Containing Bicyclic Î²â€Lactams through Enyne Metathesis. European Journal of Organic Chemistry, 2010, 2010, 2742-2745.	1.2	13
141	Antifeedant and Termiticidal Activities of 6-Alkoxycoumarins and Related Analogs Against Coptotermes formosanus Shiraki. Journal of Chemical Ecology, 2011, 37, 598-606.	0.9	13
142	Effects of Flavonoids and Triterpene Analogues from Leaves of Eleutherococcus sieboldianus (Makino) Koidz. â€˜Himeukogiâ€™ in 3T3-L1 Preadipocytes. Molecules, 2017, 22, 671.	1.7	13
143	A facile synthesis of formazan dyes conjugated with plasmonic nanoparticles as photosensitizers in photodynamic therapy against leukemia cell line. Monatshefte FÃ¼r Chemie, 2018, 149, 2195-2206.	0.9	13
144	Synthesis of coumarin derivatives and their cytoprotective effects on t -BHP-induced oxidative damage in HepG2 cells. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2422-2425.	1.0	13

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145	The synthesis of 1-thia-6-oxa-6aÎ»4-seleno-3-azapentalene and a 3H-1,2,4-dithiazole. Organic and Biomolecular Chemistry, 2007, 5, 613-616.	1.5	12
146	Selenium-Containing Bicyclic Î²-Lactams. Heterocycles, 2010, 81, 2439.	0.4	12
147	Organophosphate agents induce plasma hypertriglyceridemia in mouse via single or dual inhibition of the endocannabinoid hydrolyzing enzyme(s). Toxicology Letters, 2014, 225, 153-157.	0.4	12
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