Jae Yeol Lee

List of Publications by Year
in descending order

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144	2,565	172457	265206
papers	citations	29	42
		h-index	g-index

160	160	160	3377
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Caffeic acid phenethyl ester inhibits nitric oxide synthase gene expression and enzyme activity. Cancer Letters, 2002, 175, 53-61.	7.2	137
2	Anti-inflammatory effects of methanol extract of Patrinia scabiosaefolia in mice with ulcerative colitis. Journal of Ethnopharmacology, 2011, 136, 428-435.	4.1	114
3	Functionalization of Multiwalled Carbon Nanotubes with Poly(styrene-b-(ethylene-co-butylene)-b-styrene) by Click Coupling. Journal of Physical Chemistry C, 2010, 114, 11395-11400.	3.1	96
4	Costunolide Triggers Apoptosis in Human Leukemia U937 Cells by Depleting Intracellular Thiols. Japanese Journal of Cancer Research, 2002, 93, 1327-1333.	1.7	69
5	T-type calcium channel antagonists suppress tremor in two mouse models of essential tremor. Neuropharmacology, 2010, 59, 380-387.	4.1	67
6	Discovery of potent T-type calcium channel blocker. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 5740-5743.	2.2	63
7	A new rigid diindolocarbazole donor moiety for high quantum efficiency thermally activated delayed fluorescence emitter. Journal of Materials Chemistry C, 2018, 6, 1343-1348.	5.5	60
8	T-type Ca2+ channel blockers suppress the growth of human cancer cells. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 3899-3901.	2.2	56
9	3,4-Dihydroquinazoline derivatives as novel selective T-type Ca2+ channel blockers. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 3379-3384.	2.2	48
10	Cyclooxygenase-2 contributes to oxidopamine-mediated neuronal inflammation and injury via the prostaglandin E2 receptor EP2 subtype. Scientific Reports, 2017, 7, 9459.	3.3	45
11	Synthesis and biological activity of 3,4-dihydroquinazolines for selective T-type Ca2+ channel blockers. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 283-286.	2.2	42
12	Synthesis, biological evaluation, and docking analysis of a novel family of 1-methyl-1H-pyrrole-2,5-diones as highly potent and selective cyclooxygenase-2 (COX-2) inhibitors. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1958-1962.	2.2	39
13	A Concise Synthesis of Tetrabenazine: An Intramolecular Aza-Prins-Type Cyclization via Oxidative Câ€“H Activation. Organic Letters, 2011, 13, 6500-6503.	4.6	38
14	In vivo evaluation of oral anti-tumoral effect of 3,4-dihydroquinazoline derivative on solid tumor. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 1198-1201.	2.2	37
15	Synthesis of poly(ethylene oxide)-based thermoresponsive block copolymers by RAFT radical polymerization and their uses for preparation of gold nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 317, 496-503.	4.7	36
16	Potent antiâ€inflammatory effect of a novel furanâ€2,5â€dione derivative, BPD, mediated by dual suppression of COXâ€2 activity and LPSâ€induced inflammatory gene expression via NFâ€ºB inactivation. British Journal of Pharmacology, 2012, 165, 1926-1940.	5.4	36
17	Synthesis and antihypertensive activity of pyrimidin-4(3H)-one derivatives as losartan analogue for new angiotensin II receptor type 1 (AT1) antagonists. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 1649-1654.	2.2	36
18	Asymmetric synthesis of both enantiomers of novel tetracyclic heterocycle, furo[3â€²,2â€²:2,3]pyrrolo[2,1-a]isoquinoline derivative via a diastereoselective N-acyliminium ion cyclization. Tetrahedron, 1997, 53, 2449-2458.	1.9	35

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19	First pharmacophoric hypothesis for T-type calcium channel blockers. Bioorganic and Medicinal Chemistry, 2004, 12, 1605-1611.	3.0	35
20	Synthesis and SAR studies of a novel series of T-type calcium channel blockers. Bioorganic and Medicinal Chemistry, 2006, 14, 3502-3511.	3.0	34
21	Design, synthesis, screening, and molecular modeling study of a new series of ROS1 receptor tyrosine kinase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 5622-5626.	2.2	33
22	In vitro cytotoxicity on human ovarian cancer cells by T-type calcium channel blockers. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 6656-6662.	2.2	33
23	Synthesis and biological evaluation of novel T-type calcium channel blockers. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 471-475.	2.2	32
24	Antitumor activity of 3,4-dihydroquinazoline dihydrochloride in A549 xenograft nude mice. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 6633-6636.	2.2	32
25	Chromone and chromanone derivatives as strand transfer inhibitors of HIV-1 integrase. Archives of Pharmacal Research, 2008, 31, 1-5.	6.3	31
26	Catechol-Substituted l -Chicoric acid analogues as HIV integrase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 4331-4334.	2.2	30
27	Design, synthesis and biological evaluation of new potent and highly selective ROS1-tyrosine kinase inhibitor. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 4720-4723.	2.2	30
28	Synthesis andÂanticancer activity ofÂlavendustin A derivatives containing arylethenylchromone substituents. European Journal of Medicinal Chemistry, 2006, 41, 991-996.	5.5	29
29	The biological efficiency and bioavailability of human growth hormone delivered using injectable, ionic, thermosensitive poly(organophosphazene)-polyethylenimine conjugate hydrogels. Biomaterials, 2011, 32, 8271-8280.	11.4	29
30	T-type Ca2+ channel blocker, KYS05047 induces G1 phase cell cycle arrest by decreasing intracellular Ca2+ levels in human lung adenocarcinoma A549 cells. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 7123-7126.	2.2	29
31	Inhibition of cellular proliferation and induction of apoptosis in human lung adenocarcinoma A549 cells by T-type calcium channel antagonist. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1565-1570.	2.2	29
32	Asymmetric synthesis of furo[3,2-i]indolizines from L-malic acid. Tetrahedron, 1999, 55, 4631-4636.	1.9	26
33	T-Type Ca2+ Channel Blocker, KYS05090 Induces Autophagy and Apoptosis in A549 Cells through Inhibiting Glucose Uptake. Molecules, 2014, 19, 9864-9875.	3.8	26
34	Synthesis, structure determination, and biological evaluation of phenylsulfonyl hydrazide derivatives as potential anti-inflammatory agents. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 5193-5197.	2.2	26
35	In vitro synergistic anticancer activity of the combination of T-type calcium channel blocker and chemotherapeutic agent in A549 cells. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1073-1079.	2.2	26
36	Synthesis and HIV-1 integrase inhibitory activities of caffeoylglucosides. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 1879-1882.	2.2	24

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37	Growth inhibition of human cancer cells in vitro by T-type calcium channel blockers. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 5014-5017.	2.2	24
38	Enhanced mechanical and dielectric properties of poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (fluoride)/polyurethane/r 756-760.	2.1	24
39	Effect of the T-type channel blocker KYS-05090S in mouse models of acute and neuropathic pain. Pflugers Archiv European Journal of Physiology, 2016, 468, 193-199.	2.8	23
40	Synthesis and PGE2 production inhibition of 1H-furan-2,5-dione and 1H-pyrrole-2,5-dione derivatives. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 734-737.	2.2	22
41	Small molecule host system for solution-processed red phosphorescent OLEDs. Synthetic Metals, 2010, 160, 631-635.	3.9	22
42	Identification of novel mPGES-1 inhibitors through screening of a chemical library. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 7335-7339.	2.2	20
43	Fragment-based discovery of novel and selective mPGES-1 inhibitors Part 1: Identification of sulfonamido-1,2,3-triazole-4,5-dicarboxylic acid. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 75-80.	2.2	20
44	Inhibitory effect of moschamine isolated from Carthamus tinctorius on LPS-induced inflammatory mediators via AP-1 and STAT1/3 inactivation in RAW 264.7 macrophages. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 5245-5251.	2.2	20
45	1,4-Dioxane-fused 4-anilinoquinazoline as inhibitors of epidermal growth factor receptor kinase. Archiv Der Pharmazie, 2001, 334, 357.	4.1	19
46	Discovery of non-peptidic small molecule inhibitors of cyclophilin D as neuroprotective agents in Aî²-induced mitochondrial dysfunction. Journal of Computer-Aided Molecular Design, 2017, 31, 929-941.	2.9	19
47	Pharmacological characterization of (10bS)-1,2,3,5,6,10b-hexahydropyrrolo[2,1-a]isoquinoline oxalate (YSL-3S) as a new Î±2-adrenoceptor antagonist. Archives of Pharmacal Research, 2000, 23, 353-359.	6.3	18
48	3D QSAR studies on 3,4-dihydroquinazolines as T-type calcium channel blocker by comparative molecular similarity indices analysis (CoMSIA). Bioorganic and Medicinal Chemistry Letters, 2010, 20, 38-41.	2.2	18
49	Hit-to-lead optimization of phenylsulfonyl hydrazides for a potent suppressor of PGE2 production: Synthesis, biological activity, and molecular docking study. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 94-99.	2.2	18
50	Synthesis of pyrrolidine or piperidine ring-fused azepino[5,4,3-cd]indole derivatives. Tetrahedron Letters, 1999, 40, 5569-5572.	1.4	17
51	Synthesis and HIV Protease Inhibitory Activity of New 4-Hydroxy-2-pyrone Derivatives. Archiv Der Pharmazie, 2000, 333, 319-322.	4.1	17
52	Styrylquinazoline Derivatives as HIV-1 Integrase Inhibitors. Archiv Der Pharmazie, 2002, 335, 277.	4.1	17
53	Bipolar Host Materials for Green Triplet Emitter in Organic Light-emitting Diodes. Chemistry Letters, 2007, 36, 1156-1157.	1.3	17
54	Total synthesis and biological evaluation of methylgerambullone. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 52-55.	2.2	17

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55	New approach for vertical bone regeneration using in situ gelling and sustained BMPâ€2 releasing poly(phosphazene) hydrogel system on periâ€implant site with critical defect in a canine model. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 751-759.	3.4	17
56	Recent progress in the development of polymers for white light-emitting polymer devices. Monatshefte FÃ¼r Chemie, 2008, 139, 725-737.	1.8	16
57	Synthesis of PEO-based glucose-sensitive block copolymers and their application for preparation of superparamagnetic iron oxide nanoparticles. Macromolecular Research, 2011, 19, 827-834.	2.4	16
58	3,4-Dihydroquinazoline derivatives inhibit the activities of cholinesterase enzymes. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1179-1185.	2.2	16
59	An efficient method for synthesis of PEO-based macromonomer and macroinitiator. Macromolecular Research, 2007, 15, 337-342.	2.4	15
60	Pharmacological Characterization of BR-A-657, a Highly Potent Nonpeptide Angiotensin II Receptor Antagonist. Biological and Pharmaceutical Bulletin, 2013, 36, 1208-1215.	1.4	15
61	Synthesis of Tetracyclic Dibenzo[c,f]azepine and Benzo[f]thieno[3,2-c]azepine Derivatives via N-Acyliminium Ion Cyclization. Heterocycles, 2001, 55, 1519.	0.7	14
62	Synthesis of styrylbenzofuran derivatives as styrylquinoline analogues for HIV-1 integrase inhibitor. Il Farmaco, 2003, 58, 1243-1250.	0.9	14
63	Synthesis of new pH-sensitive amphiphilic block copolymers and study for the micellization using a fluorescence probe. Macromolecular Research, 2008, 16, 169-177.	2.4	14
64	Synthesis and evaluation of Î±,Î±â€²-disubstituted phenylacetate derivatives for T-type calcium channel blockers. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4424-4427.	2.2	14
65	Synthesis of a pHâ€Sensitive PEOâ€Based Block Copolymer and its Application for the Stabilization of Iron Oxide Nanoparticles. Macromolecular Chemistry and Physics, 2010, 211, 1127-1136.	2.2	14
66	Synthetic Studies onErythrinaAlkaloids: Formal Total Synthesis of (+)-3-Demethoxyerythratidinone. Synthetic Communications, 2011, 41, 1282-1292.	2.1	14
67	6â€²- O -Caffeoyldihydrosyringin isolated from Aster glehni suppresses lipopolysaccharide-induced iNOS, COX-2, TNF-Î±, IL-1Î² and IL-6 expression via NF-ÎºB and AP-1 inactivation in RAW 264.7 macrophages. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4592-4598.	2.2	14
68	Identification of novel membrane-associated prostaglandin E synthase-1 (mPGES-1) inhibitors with anti-influenza activities inÂvitro. Biochemical and Biophysical Research Communications, 2016, 469, 848-855.	2.1	14
69	Identification of crizotinib derivatives as potent SHIP2 inhibitors for the treatment of Alzheimer's disease. European Journal of Medicinal Chemistry, 2018, 157, 405-422.	5.5	13
70	Recent tau-targeted clinical strategies for the treatment of Alzheimer's disease. Future Medicinal Chemistry, 2019, 11, 1845-1848.	2.3	13
71	A novel mPGES-1 inhibitor alleviates inflammatory responses by downregulating PGE2 in experimental models. Prostaglandins and Other Lipid Mediators, 2019, 144, 106347.	1.9	13
72	Styrylquinazolines: A New Class of Inhibitors on Prostaglandin E2 Production in Lipopolysaccharide-activated Macrophage Cells. Archiv Der Pharmazie, 2004, 337, 20-24.	4.1	12

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73	BRN-103, a novel nicotinamide derivative, inhibits VEGF-induced angiogenesis and proliferation in human umbilical vein endothelial cells. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 6236-6241.	2.2	12
74	Development of 3D-QSAR CoMSIA models for 5-(biphenyl-2-yl)-1H-tetrazole derivatives as angiotensin II receptor type 1 (AT1) antagonists. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 4540-4546.	2.2	12
75	Inhibition of COX-2 alleviates lumbar spinal stenosis-induced chronic mechanical allodynia in rats. International Immunopharmacology, 2019, 75, 105738.	3.8	12
76	Synthesis and biological activities of C-3 heterocyclyl carhon substituted new cephalosporins.. Journal of Antibiotics, 1994, 47, 606-608.	2.0	11
77	6-Hydroxy-1,3-dioxin-4-ones as non-peptidic HIV protease inhibitors. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 2625-2627.	2.2	11
78	Resveratrol analog, N-(4-methoxyphenyl)-3,5-dimethoxybenzamide induces G2/M phase cell cycle arrest and apoptosis in HeLa human cervical cancer cells. Food and Chemical Toxicology, 2019, 124, 101-111.	3.6	11
79	Inducible Prostaglandin E Synthase as a Pharmacological Target for Ischemic Stroke. Neurotherapeutics, 2022, 19, 366-385.	4.4	11
80	High Throughput Screening Assay of α1G T-type Ca2+ Channels and Comparison with Patch-Clamp Studies. Combinatorial Chemistry and High Throughput Screening, 2009, 12, 296-302.	1.1	10
81	Synthesis of Water-soluble chitosan-g-PEO and its application for preparation of superparamagnetic iron oxide nanoparticles in aqueous media. Macromolecular Research, 2010, 18, 504-511.	2.4	10
82	KCP10043F Represses the Proliferation of Human Non-Small Cell Lung Cancer Cells by Caspase-Mediated Apoptosis via STAT3 Inactivation. Journal of Clinical Medicine, 2020, 9, 704.	2.4	10
83	Synthesis of angular-substituted tetracyclic azepino-indole derivatives via N-acyliminium ion cyclization. Tetrahedron, 1999, 55, 12991-12996.	1.9	9
84	7-Substituted-[1, 4]dioxano[2, 3-g]quinazolines as Inhibitors of Epidermal Growth Factor Receptor Kinase. Archiv Der Pharmazie, 2002, 335, 487-494.	4.1	9
85	Synthesis and PGE2 production inhibition of s-triazine derivatives as a novel scaffold in RAW 264.7 macrophage cells. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 5418-5422.	2.2	9
86	GRP78â€targeted inâ€silico virtual screening of novel anticancer agents. Chemical Biology and Drug Design, 2018, 92, 1555-1566.	3.2	9
87	Characterization of Caffeoylglucoside Derivatives and Hypouricemic Activity of the Ethyl Acetate Fraction from Aster glehni. Bulletin of the Korean Chemical Society, 2015, 36, 503-512.	1.9	9
88	Preparation and characterization of water-dispersible silver nanoparticles stabilized by PEO-conjugated pro-drugs. Macromolecular Research, 2009, 17, 770-775.	2.4	8
89	Azide-based heterobifunctional poly(ethylene oxide)s: NaN₃-initiated â€œlivingâ€• polymerization of ethylene oxide and chain end functionalizations. Polymer Chemistry, 2016, 7, 394-401.	3.9	8
90	Synthesis of dual stimuli-responsive polymers through atom transfer radical mechanism in aqueous media. Macromolecular Research, 2017, 25, 70-78.	2.4	8

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91	Synthesis and biological evaluation of fluoro-substituted 3,4-dihydroquinazoline derivatives for cytotoxic and analgesic effects. Bioorganic and Medicinal Chemistry, 2017, 25, 4656-4664.	3.0	8
92	Inhibition of CUG-binding protein 1 and activation of caspases are critically involved in piperazine derivative BK10007S induced apoptosis in hepatocellular carcinoma cells. PLoS ONE, 2017, 12, e0186490.	2.5	8
93	Synthesis of 2-Substituted 3,4-Dihydroquinazoline Derivatives via Regioselective Addition of a Carbon Nucleophile to a Carbodiimide. Heterocycles, 2004, 63, 95.	0.7	8
94	Biological Evaluation and Molecular Docking Study of 3-(4-Sulfamoylphenyl)-4-phenyl-1H-pyrrole-2,5-dione as COX-2 Inhibitor. Bulletin of the Korean Chemical Society, 2012, 33, 721-724.	1.9	8
95	Inhibition of JAK2/STAT3 and activation of caspaseâ€'9/3 are involved in KYS05090Sâ€'induced apoptosis in ovarian cancer cells. International Journal of Oncology, 2019, 55, 203-210.	3.3	7
96	Inhibitory Effects of Phenylpropanoids Isolated from the Bark of Ailanthus altissima on COX-2 Activity. Bulletin of the Korean Chemical Society, 2012, 33, 2759-2761.	1.9	7
97	Synthesis and Biological Evaluation of Bis(methoxy methyl)-7,8-dihydro-[1,4]dioxino[2,3-g]quinazolines as EGFR Tyrosine Kinase Inhibitors. Archiv Der Pharmazie, 2005, 338, 502-505.	4.1	6
98	Synthesis and SAR Study of Tâ€Type Calcium Channel Blockers. Part II. Archiv Der Pharmazie, 2008, 341, 661-664.	4.1	6
99	Three-dimensional quantitative structureâ€"activity relationship study on anti-cancer activity of 3,4-dihydroquinazoline derivatives against human lung cancer A549 cells. Journal of Molecular Structure, 2015, 1084, 294-301.	3.6	6
100	Inhibitory effect of positively charged triazine antagonists of prokineticin receptors on the transient receptor vanilloid type-1 (TRPV1) channel. Pharmacological Research, 2015, 99, 362-369.	7.1	6
101	pHâ€Sensitive Drugâ€Conjugates on Waterâ€Soluble Polymer Frameworks. Macromolecular Chemistry and Physics, 2015, 216, 265-276.	2.2	6
102	Development of New Efficient Synthetic Methods for Docetaxel. Bulletin of the Korean Chemical Society, 2009, 30, 25-26.	1.9	6
103	A New Synthetic Procedure to 2,8-Diaminoindeno[1,2-b]fluorene as a Blue Light Emitting Material. Bulletin of the Korean Chemical Society, 2011, 32, 1781-1783.	1.9	6
104	Evaluation of T-Type Calcium Channel Blockers against Human Pancreatic MIA PaCa-2 Carcinoma Xenografts. Bulletin of the Korean Chemical Society, 2013, 34, 482-488.	1.9	6
105	Synthesis and structure-activity relationships of quaternary ammonium cephalosporins with hydroxylated alicyclic or aliphatic amines.. Journal of Antibiotics, 1994, 47, 609-612.	2.0	5
106	SYNTHESIS OF CYCLOPENTENE-FUSED PYRROLOISOQUINOLINONE DERIVATIVE VIAN-ACYLIMINIUM ION CYCLIZATION. Synthetic Communications, 2002, 32, 2499-2505.	2.1	5
107	Anti-inflammatory and anti-arthritic effects of new synthetic 3-(4-hydroxyphenyl)-4-(4-thiomethoxyphenyl)-1H-pyrrole-2,5-dione. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 2221-2225.	2.2	5
108	Design and synthesis of novel series of 5-HT6 receptor ligands having indole, a central aromatic core and 1-amino-4 methyl piperazine as a positive ionizable group. Bioorganic and Medicinal Chemistry, 2013, 21, 5573-5582.	3.0	5

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109	Efficient synthesis of mibefradil analogues: an insight into in vitro stability. Organic and Biomolecular Chemistry, 2014, 12, 5669.	2.8	5
110	Synthesis and cytotoxic effects of 2-thio-3,4-dihydroquinazoline derivatives as novel T-type calcium channel blockers. Bioorganic and Medicinal Chemistry, 2020, 28, 115491.	3.0	5
111	Syntbesis and Biological Activity of Quaternary Ammoniopropenylcephalosporins with Hydroxylated Alicyclic or Alipbatic Amines.. Journal of Antibiotics, 1996, 49, 1286-1289.	2.0	4
112	Two Sulfonamides-containing Dihydropyrone Derivatives as HIV Protease Inhibitors. Archiv Der Pharmazie, 2001, 334, 255-257.	4.1	4
113	Synthesis of new pH-sensitive poly(ethylene oxide-b-maleic acid) from modification of poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Over	2.4	4
114	Synthesis and evaluation of nicotinamide derivative as anti-angiogenic agents. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 2083-2088.	2.2	4
115	Simple synthesis of water-dispersible and photoactive titanium dioxide nanoparticles using functionalized poly(ethylene oxide)s. Macromolecular Research, 2014, 22, 445-456.	2.4	4
116	Discovery of N-amido-phenylsulfonamide derivatives as novel microsomal prostaglandin E2 synthase-1 (mPGES-1) inhibitors. Bioorganic and Medicinal Chemistry Letters, 2021, 41, 127992.	2.2	4
117	Improved tumor-suppressive effect of OZ-001 combined with cisplatin mediated by mTOR/p70S6K and STAT3 inactivation in A549 human lung cancer cells. Biomedicine and Pharmacotherapy, 2021, 142, 111961.	5.6	4
118	Synthesis of Tetracyclic Pyrido[2,3-b]azepine Derivatives as Analogues of Mirtazapine via N-Acyliminium Ion Cyclization. Bulletin of the Korean Chemical Society, 2002, 23, 1623-1628.	1.9	4
119	Asymmetric Synthesis of Furo-Pyrrolo-Isoquinoline and Furo-Indolizino-Indole Derivatives Via A Diastereoselective N-Acyliminium ion Cyclization. Synthetic Communications, 1997, 27, 2799-2812.	2.1	3
120	Synthesis of PEO-based block copolymers bearing cyclic hydrazide or carboxylic acid moieties and their applications as stabilizers for Fe3O4 nanoparticles. Macromolecular Research, 2011, 19, 716-721.	2.4	3
121	Quantitative Ï‰-amination, Ï‰-azidolysis, and Ï‰-thiolation of poly(ethylene oxide)s through anionic mechanism. Macromolecular Research, 2016, 24, 188-195.	2.4	3
122	Chemical modification of graphene oxide through poly(ethylene oxide)-conjugations. Macromolecular Research, 2017, 25, 452-460.	2.4	3
123	New Synthetic Method of Natural Arsenosugar. Bulletin of the Korean Chemical Society, 2009, 30, 997-998.	1.9	3
124	Multi-Functional 3,4-Dihydroquinazoline Derivative as T-Type Calcium Channel Blocker: Pharmacokinetics and Anti-Tremor Activity. Bulletin of the Korean Chemical Society, 2010, 31, 2451-2452.	1.9	3
125	CoMFA and CoMSIA Studies on 1H-Furan-2,5-dione and 1H-Pyrrole-2,5-dione as PGE₂Production Inhibitor. Bulletin of the Korean Chemical Society, 2012, 33, 305-308.	1.9	3
126	Synthesis and biological evaluation of pyrrolidine-based T-type calcium channel inhibitors for the treatment of neuropathic pain. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 1460-1471.	5.2	2

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127	Anti-Cancer Activity of T-Type Calcium Channel Blocker In Vivo. Bulletin of the Korean Chemical Society, 2010, 31, 3353-3358.	1.9	2
128	From L-Ascorbic Acid to Protease Inhibitors: Practical Synthesis of Key Chiral Epoxide Intermediates for Aspartyl Proteases. Bulletin of the Korean Chemical Society, 2012, 33, 2213-2218.	1.9	2
129	Synthesis and biological activity of C-3 pyridinylethene-substituted cephalosporins. Archives of Pharmacal Research, 1996, 19, 411-415.	6.3	1
130	Michael Addition of Thiol Compounds on Ï‰-Maleate Poly(ethylene oxide)s: Model Study for the â€œSite-Specificâ€•Modification of Proteins. Macromolecular Research, 2018, 26, 194-203.	2.4	1
131	A Novel Phenylsulfonamide Ameliorates the Cognitive Impairment in Mice Induced by Scopolamine. Bulletin of the Korean Chemical Society, 2018, 39, 891-894.	1.9	1
132	Synthesis and Structural Determination of Temocapril Sulfoxide Hydrochlorides. Bulletin of the Korean Chemical Society, 2012, 33, 3427-3429.	1.9	1
133	CoMSIA 3D-QSAR Analysis of 3,4-Dihydroquinazoline Derivatives Against Human Colon Cancer HT-29 Cells. Bulletin of the Korean Chemical Society, 2014, 35, 3181-3187.	1.9	1
134	Regio- and stereoselective reactions of (S)-(1-methylpyrrolidin-2-yl)methyl allyl sulfide. Archives of Pharmacal Research, 1991, 14, 364-369.	6.3	0
135	An efficient synthesis of 3-(E)-hydroxypropenyl cephem derivatives, key intermediates for 3-(E)-ammoniopropenylcephalosporin antibiotics. Archives of Pharmacal Research, 1997, 20, 288-290.	6.3	0
136	Synthesis of Styrylbenzofuran Derivatives as Styrylquinoline Analogues for HIV-1 Integrase Inhibitor.. ChemInform, 2004, 35, no.	0.0	0
137	Styrylquinazolines: A New Class of Inhibitors on Prostaglandin E2 Production in Lipopolysaccharide-Activated Macrophage Cells.. ChemInform, 2004, 35, no.	0.0	0
138	3,4-Dihydroquinazoline Derivatives as Novel Selective T-Type Ca2+ Channel Blockers.. ChemInform, 2004, 35, no.	0.0	0
139	Synthesis and Biological Activity of 3,4-Dihydroquinazolines for Selective T-Type Ca2+ Channel Blockers.. ChemInform, 2005, 36, no.	0.0	0
140	Synthesis of stimuli-responsive PEO-based triblock copolymers and their applications for preparation of iron oxide nanoparticles. Macromolecular Research, 2012, 20, 1173-1180.	2.4	0
141	In Vitro Evaluation of sâ€Triazine Derivatives for African Trypanosomiasis. Bulletin of the Korean Chemical Society, 2015, 36, 2383-2386.	1.9	0
142	The Ameliorating Effect of Phenylsulfonamide Derivatives on Scopolamine-Induced Memory Impairment in Mice via Inhibition of mPGES-1. Proceedings (mdpi), 2019, 22, 36.	0.2	0
143	Cyclic Hydrazideâ€Functionalized Poly(ethylene oxide) Frameworks for the Synthesis of pHâ€Cleavable Drugâ€Carriers and Their Applications for the Stabilization of Gold Nanoparticles. Macromolecular Chemistry and Physics, 2019, 220, 1900075.	2.2	0
144	Architectural Design of Preforms and Their Effects on Mechanical Property of High Temperature Composites. , 0, , 191-198.		0