Jongkook Lee

List of Publications by Year
in descending order

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71	1,310	361413	414414
papers	citations	20 h-index	32 g-index

78	78	78	1907
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of Human Kinases Involved in Hepatitis C Virus Replication by Small Interference RNA Library Screening. Journal of Biological Chemistry, 2008, 283, 29-36.	3.4	95
2	Elevated endoplasmic reticulum stress reinforced immunosuppression in the tumor microenvironment via myeloid-derived suppressor cells. Oncotarget, 2014, 5, 12331-12345.	1.8	87
3	A Smallâ€Molecule Antagonist of the Hedgehog Signaling Pathway. ChemBioChem, 2007, 8, 1916-1919.	2.6	71
4	Asymmetric Total Synthesis of (+)-Brefeldin A from (S)-Lactate by Triple Chirality Transfer Process and Nitrile Oxide Cycloadditionâ€‚1. Journal of Organic Chemistry, 2002, 67, 764-771.	3.2	63
5	Role of Conformational Effects on the Regioselectivity of Macrocyclic INOC Reactions:Â Two New Asymmetric Total Syntheses of (+)-Brefeldin Aâ€‚1. Journal of Organic Chemistry, 2002, 67, 772-781.	3.2	45
6	An Approach To Enhance Specificity against RNA Targets Using Heteroconjugates of Aminoglycosides and Chloramphenicol (or Linezolid). Journal of the American Chemical Society, 2004, 126, 1956-1957.	13.7	44
7	Glyceollins, a novel class of soy phytoalexins, inhibit angiogenesis by blocking the <scp>VEGF</scp> and b<scp>FGF</scp> signaling pathways. Molecular Nutrition and Food Research, 2013, 57, 225-234.	3.3	37
8	Small molecule inhibitors of the hedgehog signaling pathway for the treatment of cancer. Archives of Pharmacal Research, 2012, 35, 1317-1333.	6.3	34
9	SB365, Pulsatilla saponin D, targets c-Met and exerts antiangiogenic and antitumor activities. Carcinogenesis, 2013, 34, 2156-2169.	2.8	34
10	Discovery of a potent small molecule SIRT1/2 inhibitor with anticancer effects. International Journal of Oncology, 2013, 43, 1205-1211.	3.3	34
11	Moracin M inhibits airway inflammation by interrupting the JNK/c-Jun and NF-Î°B pathways in vitro and in vivo. European Journal of Pharmacology, 2016, 783, 64-72.	3.5	32
12	Discovery of aminopyridines substituted with benzoxazole as orally active c-Met kinase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 4223-4227.	2.2	28
13	Design and synthesis of 3-(4,5,6,7-tetrahydro-3H-imidazo[4,5-c]pyridin-2-yl)-1H-quinolin-2-ones as VEGFR-2 kinase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 2837-2842.	2.2	28
14	First Synthesis and Structural Elucidation of (â^)-Presphaerene1. Journal of Organic Chemistry, 2004, 69, 6433-6440.	3.2	26
15	Electrosprayed nanocomposites based on hyaluronic acid derivative and Soluplus for tumor-targeted drug delivery. Colloids and Surfaces B: Biointerfaces, 2016, 145, 267-274.	5.0	25
16	Novel metabolites from Trichoderma atroviride against human prostate cancer cells and their inhibitory effect on Helicobacter pylori and Shigella toxin producing Escherichia coli. Microbial Pathogenesis, 2019, 126, 19-26.	2.9	25
17	Stereoselective synthesis of (Â±)-Î²-elemene by a doubly diastereodifferentiating internal alkylation: a remarkable difference in the rate of enolization between syn and anti esters. Tetrahedron, 2001, 57, 1247-1252.	1.9	24
18	Synthesis and structureâ€“activity relationship of aminopyridines with substituted benzoxazoles as c-Met kinase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 4044-4048.	2.2	22

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19	KRC-408, a novel c-Met inhibitor, suppresses cell proliferation and angiogenesis of gastric cancer. Cancer Letters, 2013, 332, 74-82.	7.2	22
20	Sphingosine 1-Phosphate Receptor 4 Promotes Nonalcoholic Steatohepatitis by Activating NLRP3 Inflammasome. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 925-947.	4.5	22
21	Construction of the Tricyclo[5.3.1.01,5]undecane System by a Novel Tandem Pinacol Rearrangement-Ene Strategy:Â A Formal Total Synthesis of (Â±)-Perhydrohistrionicotoxin. Journal of Organic Chemistry, 2000, 65, 4864-4870.	3.2	21
22	Chemical suppression of an oncogenic splicing variant of AIMP2 induces tumour regression. Biochemical Journal, 2013, 454, 411-416.	3.7	21
23	Preservative effect of Chinese cabbage (Brassica rapa subsp. pekinensis) extract on their molecular docking, antioxidant and antimicrobial properties. PLoS ONE, 2018, 13, e0203306.	2.5	21
24	Remote Stereoinductive Intramolecular Nitrile Oxide Cycloaddition: Asymmetric Total Synthesis and Structure Revision of (â^')-11Î²-Hydroxycurvularin. Journal of Organic Chemistry, 2016, 81, 2612-2617.	3.2	20
25	Efficient construction of bicyclic systems by an internal SN2â€² enolate alkylation/ring-closing metathesis (RCM) strategy: a concise synthesis of the trans-hydrindane nucleus. Tetrahedron Letters, 2003, 44, 7043-7044.	1.4	19
26	Synthesis and biological evaluation of 5-nitropyrimidine analogs with azabicyclic substituents as GPR119 agonists. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 1519-1521.	2.2	19
27	Total Synthesis of (+)-Pochonin D and (+)-Monocillin II via Chemo- and Regioselective Intramolecular Nitrile Oxide Cycloaddition. Organic Letters, 2017, 19, 6004-6007.	4.6	19
28	2-Formyl-komarovicine promotes adiponectin production in human mesenchymal stem cells through PPARÎ³ partial agonism. Bioorganic and Medicinal Chemistry, 2018, 26, 1069-1075.	3.0	19
29	Renal Cell Carcinoma Is Abrogated by p53 Stabilization through Transglutaminase 2 Inhibition. Cancers, 2018, 10, 455.	3.7	19
30	Design and synthesis of triazolopyridazines substituted with methylisoquinolinone as selective c-Met kinase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 7185-7188.	2.2	18
31	Evaluation of a multi-kinase inhibitor KRC-108 as an anti-tumor agent in vitro and in vivo. Investigational New Drugs, 2012, 30, 518-523.	2.6	18
32	Cross-metathesis of allyl halides with olefins bearing amide and ester groups. Tetrahedron, 2012, 68, 1177-1184.	1.9	17
33	Synthesis and biological evaluation of novel 2,4-disubstituted quinazoline analogues as GPR119 agonists. Bioorganic and Medicinal Chemistry, 2013, 21, 1349-1356.	3.0	16
34	Identification and Characterization of Small-Molecule Inducers of Epidermal Keratinocyte Differentiation. ACS Chemical Biology, 2007, 2, 171-175.	3.4	15
35	Concise Substrate-Controlled Asymmetric Total Synthesis of (+)-3-(Z)-Dihydrorhodophytin. Heterocycles, 2010, 82, 1113.	0.7	15
36	Stereoselective Construction of 2,6-cis-Disubstituted Tetrahydropyrans via Intramolecular Amide Enolate Alkylation: Total Synthesis of (â^')-Centrolobine. Journal of Organic Chemistry, 2015, 80, 3315-3320.	3.2	15

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37	Identification of a new tadalafil analogue in an adulterated dietary supplement: Trans-Bisprehomotadalafil. Journal of Pharmaceutical and Biomedical Analysis, 2015, 115, 352-358.	2.8	15
38	Isolation and characterisation of a novel sildenafil analogue adulterant, desmethylpiperazinyl propoxysildenafil, in a dietary supplement. Science and Justice - Journal of the Forensic Science Society, 2018, 58, 447-454.	2.1	15
39	Isolation and structural elucidation of a new tadalafil analogue in health supplements: bisprenortadalafil. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2016, 33, 945-952.	2.3	14
40	Identification of new synthetic cannabinoid analogue APINAC (adamantan-1-yl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (1-pentyl-1 Forensic Toxicology, 2017, 35, 45-55.	2.4	14
41	Novel 5-nitropyrimidine derivatives bearing endo-azabicyclic alcohols/amines as potent GPR119 agonists. Bioorganic and Medicinal Chemistry, 2017, 25, 254-260.	3.0	13
42	Resistance to the c-Met inhibitor KRC-108 induces the epithelial transition of gastric cancer cells. Oncology Letters, 2016, 11, 991-997.	1.8	12
43	Stereoselective Protection-Free Asymmetric Total Synthesis of (+)-Chamuvarinin, a Potent Anticancer and Antitrypanosomal Agent: Substrate-Controlled Construction of the Adjacently Linked Oxatricyclic Core by Internal Alkylation. Organic Letters, 2018, 20, 6398-6402.	4.6	12
44	Discovery of quinolinone derivatives as potent FLT3 inhibitors. Biochemical and Biophysical Research Communications, 2014, 445, 561-565.	2.1	10
45	Synthesis and Structure Revision of Dimeric Tadalafil Analogue Adulterants in Dietary Supplements. Chemical and Pharmaceutical Bulletin, 2017, 65, 498-503.	1.3	9
46	A small molecule inhibitor of Î±4 integrin-dependent cell migration. Bioorganic and Medicinal Chemistry, 2009, 17, 977-980.	3.0	8
47	Identification and characterization of an indazole-3-carboxamide class synthetic cannabinoid: 2-[1-(cyclohexylmethyl)-1H-indazole-3-carboxamido]-3,3-dimethylbutanoic acid (DMBA-CHMINACA). Forensic Science International, 2018, 291, 167-174.	2.2	8
48	Flavonoids from Scutellaria baicalensis inhibit senescence-associated secretory phenotype production by interrupting IÎºBÎ¶/C/EBPÎ² pathway: Inhibition of age-related inflammation. Phytomedicine, 2020, 76, 153255.	5.3	8
49	Synthesis, in vitro evaluation, and computational simulations studies of 1,2,3-triazole analogues as DPP-4 inhibitors. Bioorganic and Medicinal Chemistry, 2021, 29, 115861.	3.0	8
50	Cross-metathesis of allyl halides with olefins bearing an Î±-alkoxy amide group. Tetrahedron Letters, 2011, 52, 1928-1930.	1.4	7
51	KRC-327, a selective novel inhibitor of c-Met receptor tyrosine kinase with anticancer activity. Cancer Letters, 2013, 331, 158-166.	7.2	7
52	Novel 1,2,3â€¶Triazole Analogs of Sitagliptin as <scp>DPP4</scp> Inhibitors. Bulletin of the Korean Chemical Society, 2016, 37, 1156-1158.	1.9	7
53	Antiviral and Anti-Inflammatory Activities of Pochonin D, a Heat Shock Protein 90 Inhibitor, against Rhinovirus Infection. Biomolecules and Therapeutics, 2018, 26, 576-583.	2.4	7
54	Metabolic and pharmacokinetic characterization of a new synthetic cannabinoid APINAC in rats. Forensic Toxicology, 2018, 36, 88-101.	2.4	6

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55	Development and validation of liquid chromatography-tandem mass spectrometry method for screening six selective androgen receptor modulators in dietary supplements. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2021, 38, 1075-1086.	2.3	6
56	FMS-like tyrosine kinase 3 inhibitors: a patent review. Expert Opinion on Therapeutic Patents, 2011, 21, 483-503.	5.0	5
57	Identification and Characterization of Smallâ€Molecule Inducers of Fetal Hemoglobin. ChemMedChem, 2011, 6, 777-780.	3.2	5
58	Antitumor effect of the integrin Î±4 signaling inhibitor JK273 in non-small cell lung cancer NCI-H460 cells. Biochemical and Biophysical Research Communications, 2017, 491, 355-360.	2.1	4
59	Highly Stereoselective Asymmetric Total Synthesis of (â˜)-Jimenezin via Sequential Intramolecular Amide Enolate Alkylation. Organic Letters, 2022, 24, 1652-1656.	4.6	4
60	Effects of KRC-108 on the Aurora A activity and growth of colorectal cancer cells. Biochemical and Biophysical Research Communications, 2015, 461, 605-611.	2.1	3
61	Identification of a new tadalafil analogue in commercial dietary supplements: isopropylnortadalafil. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2017, 34, 1-8.	2.3	3
62	Collision-induced dissociation pathways of H1-antihistamines by electrospray ionization quadrupole time-of-flight mass spectrometry. Archives of Pharmacal Research, 2017, 40, 736-745.	6.3	3
63	Cross-Metathesis of Methallyl Halides: Concise Enantioselective Formal Total Synthesis of (â€“)-Presphaerene. Frontiers in Chemistry, 2020, 8, 494.	3.6	2
64	First Syntheses of (Â±)â€Butesuperins A and B. Bulletin of the Korean Chemical Society, 2017, 38, 944-947.	1.9	1
65	Isolation and structural identification of a novel minoxidil analogue in an illegal dietary supplement: triaminodil. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2018, 35, 2-9.	2.3	1
66	KRCA-0008 suppresses ALK-positive anaplastic large-cell lymphoma growth. Investigational New Drugs, 2020, 38, 1282-1291.	2.6	1
67	Potential Moracin M Prodrugs Strongly Attenuate Airway Inflammation In Vivo. Biomolecules and Therapeutics, 2020, 28, 344-353.	2.4	1
68	Characterization of KRC-108 as a TrkA Kinase Inhibitor with Anti-Tumor Effects. Biomolecules and Therapeutics, 2022, 30, 360-367.	2.4	1
69	Efficient Construction of Bicyclic Systems by an Internal SN2â€² Enolate Alkylation/Ring-Closing Metathesis (RCM) Strategy: A Concise Synthesis of the trans-Hydrindane Nucleus.. ChemInform, 2003, 34, no.	0.0	0
70	Identification of a new M-ALPHA analog and MDMA in an illegal health product. Forensic Science International, 2020, 313, 110332.	2.2	0
71	Development of a method for simultaneous screening of four natural-derived steroids and their analogues used as dietary supplements via liquid chromatography-quadrupole-time of flight mass spectrometry and liquid chromatography-tandem mass spectrometry. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2022, , 1-9.	2.3	0