

Heonjoong Kang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Flavonoid Glycosides from <i>Ulmus macrocarpa</i> Inhibit Osteoclast Differentiation via the Downregulation of NFATc1. ACS Omega, 2022, 7, 4840-4849.	3.5	4
2	Austalide K from the Fungus <i>Penicillium rudallense</i> Prevents LPS-Induced Bone Loss in Mice by Inhibiting Osteoclast Differentiation and Promoting Osteoblast Differentiation. International Journal of Molecular Sciences, 2021, 22, 5493.	4.1	7
3	Mycosfurans A and B, Antibacterial Usnic Acid Congeners from the Fungus <i>Mycosphaerella</i> sp., Isolated from a Marine Sediment. Marine Drugs, 2019, 17, 422.	4.6	13
4	Austalides, Osteoclast Differentiation Inhibitors from a Marine-Derived Strain of the Fungus <i>Penicillium rudallense</i> . Journal of Natural Products, 2019, 82, 3083-3088.	3.0	17
5	Benzophenone Compounds, from a Marine-Derived Strain of the Fungus <i>Pestalotiopsis neglecta</i> , Inhibit Proliferation of Pancreatic Cancer Cells by Targeting the MEK/ERK Pathway. Journal of Natural Products, 2019, 82, 3357-3365.	3.0	20
6	Scalactams A–D, Scalarane Sesterterpenes with a β -Lactam Moiety from a Korean <i>Spongia</i> Sp. Marine Sponge. Molecules, 2018, 23, 3187.	3.8	11
7	Synthesis and evaluation of an orally available α -shaped biaryl peroxisome proliferator-activated receptor γ agonist. Bioorganic and Medicinal Chemistry, 2018, 26, 4382-4389.	3.0	4
8	Regioselective Synthesis of the <i>FXR</i> Antagonist <i>E</i> -guggulsterone from Three Natural Steroids. Bulletin of the Korean Chemical Society, 2017, 38, 525-529.	1.9	2
9	Cadiolides J–M, antibacterial polyphenyl butenolides from the Korean tunicate <i>Pseudodistoma antinboja</i> . Bioorganic and Medicinal Chemistry Letters, 2017, 27, 574-577.	2.2	18
10	Saccharomonopyrones A–C, New β -Pyrone from a Marine Sediment-Derived Bacterium <i>Saccharomonospora</i> sp. CNQ-490. Marine Drugs, 2017, 15, 239.	4.6	17
11	Marinopyrones A–D, β -pyrones from marine-derived actinomycetes of the family <i>Nocardiopsaceae</i> . Tetrahedron Letters, 2016, 57, 1997-2000.	1.4	18
12	Acredinone C and the Effect of Acredinones on Osteoclastogenic and Osteoblastogenic Activity. Journal of Natural Products, 2016, 79, 1730-1736.	3.0	11
13	The Halicyclindramides, Farnesoid X Receptor Antagonizing Depsipeptides from a <i>Petrosia</i> sp. Marine Sponge Collected in Korea. Journal of Natural Products, 2016, 79, 499-506.	3.0	13
14	Two Indole Alkaloids from a Korean Marine Sponge <i>Spongia</i> sp.. Bulletin of the Korean Chemical Society, 2015, 36, 2120-2123.	1.9	5
15	Two New Scalaranes from a Korean Marine Sponge <i>Spongia</i> sp.. Natural Product Sciences, 2015, 21, 289.	0.9	6
16	A Novel Bromoindole Alkaloid from a Korean Colonial Tunicate <i>Didemnum</i> sp.. Natural Product Sciences, 2015, 21, 278.	0.9	5
17	A new 9,11-secosterol with a 1,4-quinone from a Korean marine sponge <i>Ircinia</i> sp.. Archives of Pharmacal Research, 2015, 38, 1970-1974.	6.3	7
18	Acredinones A and B, Voltage-Dependent Potassium Channel Inhibitors from the Sponge-Derived Fungus <i>Acremonium</i> sp. F9A015. Journal of Natural Products, 2015, 78, 363-367.	3.0	37

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19	Cytotoxic 5 β ,8 β -epidioxy sterols from the marine sponge <i>Monanchora</i> sp.. Archives of Pharmacal Research, 2015, 38, 18-25.	6.3	13
20	Nocarimidazoles A and B from a Marine-Derived Actinomycete of the Genus <i>Nocardiopsis</i> . Journal of Natural Products, 2015, 78, 2846-2849.	3.0	24
21	Monanchosterols A and B, Bioactive Bicyclo[4.3.1]steroids from a Korean Sponge <i>Monanchora</i> sp.. Journal of Natural Products, 2015, 78, 368-373.	3.0	23
22	Placotylene A, an Inhibitor of the Receptor Activator of Nuclear Factor- κ B Ligand-Induced Osteoclast Differentiation, from a Korean Sponge <i>Placospongia</i> sp.. Marine Drugs, 2014, 12, 2054-2065.	4.6	22
23	Anithiactins A-C, Modified 2-Phenylthiazoles from a Mudflat-Derived <i>Streptomyces</i> sp.. Journal of Natural Products, 2014, 77, 2716-2719.	3.0	24
24	Phorbaketals L-N, cytotoxic sesterterpenoids isolated from the marine sponge of the genus <i>Phorbas</i> . Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4095-4098.	2.2	24
25	Sesquiterpenoids with PPAR γ agonistic effect from a Korean marine sponge <i>Ircinia</i> sp.. Tetrahedron Letters, 2014, 55, 4716-4719.	1.4	10
26	Anmindenols A and B, Inducible Nitric Oxide Synthase Inhibitors from a Marine-Derived <i>Streptomyces</i> sp.. Journal of Natural Products, 2014, 77, 1528-1531.	3.0	25
27	An Antibacterial 9,11-Secosterol from a Marine Sponge <i>Ircinia</i> sp.. Bulletin of the Korean Chemical Society, 2014, 35, 3360-3362.	1.9	13
28	Bioactive Sesterterpenoids from a Korean Sponge <i>Monanchora</i> sp.. Journal of Natural Products, 2013, 76, 170-177.	3.0	29
29	Phosphiodyns A and B, Unique Phosphorus-Containing Iodinated Polyacetylenes from a Korean Sponge <i>Placospongia</i> sp.. Organic Letters, 2013, 15, 100-103.	4.6	44
30	Cytotoxic scalarane sesterterpenes from a Korean marine sponge <i>Psammocinia</i> sp.. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 2336-2339.	2.2	17
31	Phorone A and Isophorbasone A, Sesterterpenoids Isolated from the Marine Sponge <i>Phorbas</i> sp.. Organic Letters, 2012, 14, 4486-4489.	4.6	30
32	Antibacterial Butenolides from the Korean Tunicate <i>Pseudodistoma antinboja</i> . Journal of Natural Products, 2012, 75, 2049-2054.	3.0	69
33	Sterols from a soft coral, <i>Dendronephthya gigantea</i> as farnesoid X-activated receptor antagonists. Steroids, 2012, 77, 355-359.	1.8	22
34	Discovery, design and synthesis of Y-shaped peroxisome proliferator-activated receptor γ agonists as potent anti-obesity agents in vivo. European Journal of Medicinal Chemistry, 2012, 53, 190-202.	5.5	13
35	Tuberatolides, Potent FXR Antagonists from the Korean Marine Tunicate <i>Botryllus tuberatus</i> . Journal of Natural Products, 2011, 74, 90-94.	3.0	55
36	A Regioselective Synthesis of E-Guggulsterone. Molecules, 2011, 16, 4165-4171.	3.8	12

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37	A receptor-independent, cell-based JAK activation assay for screening for JAK3-specific inhibitors. <i>Journal of Immunological Methods</i> , 2010, 354, 45-52.	1.4	4
38	7-Phenylplatensimycin and 11-methyl-7-phenylplatensimycin: More potent analogs of platensimycin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 2156-2158.	2.2	50
39	A stereo-controlled synthesis of 2,4-dimethyl-4-hydroxy-16-phenylhexadecanoic acid 1,4-lactone and its PPAR activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 6017-6019.	2.2	9
40	Selective peroxisome proliferator-activated receptor γ isosteric selenium agonists as potent anti-atherogenic agents in vivo. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 7239-7242.	2.2	7
41	Gukulenins A and B, Cytotoxic Tetraterpenoids from the Marine Sponge <i>Phorbas gukulensis</i> . <i>Journal of Natural Products</i> , 2010, 73, 734-737.	3.0	30
42	Isoplatensimycin: Synthesis and biological evaluation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 4601-4602.	2.2	35
43	A Facile One-Pot Preparation of Organoselanyltrifluoroborates from Dihalobenzenes and Their Cross-Coupling Reaction. <i>Organic Letters</i> , 2009, 11, 361-364.	4.6	13
44	β -Carboline Alkaloids from a Korean Tunicate <i>Eudistoma</i> sp.. <i>Journal of Natural Products</i> , 2008, 71, 163-166.	3.0	64
45	AMPK and PPAR γ Agonists Are Exercise Mimetics. <i>Cell</i> , 2008, 134, 405-415.	28.9	1,086
46	Cooperation and Functional Diversification of Two Closely Related Galactolipase Genes for Jasmonate Biosynthesis. <i>Developmental Cell</i> , 2008, 14, 183-192.	7.0	158
47	A Facile One-Pot Preparation of Potassium Hydroxyaryl- and (Hydroxyalkyl)aryltrifluoroborates. <i>Organic Letters</i> , 2008, 10, 1215-1218.	4.6	25
48	PPAR γ regulates multiple proinflammatory pathways to suppress atherosclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4271-4276.	7.1	181
49	Cyanoheptoline CB071: A Cyclic Depsipeptide Isolated from the Freshwater Cyanobacterium <i>Aphanocapsa</i> sp.. <i>Chemical and Pharmaceutical Bulletin</i> , 2008, 56, 1191-1193.	1.3	13
50	Scalarane Sesterterpenes from a Marine Sponge of the Genus <i>Spongia</i> and Their FXR Antagonistic Activity. <i>Journal of Natural Products</i> , 2007, 70, 1691-1695.	3.0	38
51	A Facile One-Pot Preparation of Alkyl Aminoaryl Sulfides for the Synthesis of GW7647 as an Agonist of Peroxisome Proliferator-Activated Receptor α . <i>Journal of Organic Chemistry</i> , 2006, 71, 5781-5784.	3.2	19
52	Farnesoid X-activated receptor antagonists from a marine sponge <i>Spongia</i> sp.. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 5398-5402.	2.2	47
53	A simple one-pot synthesis of hydroxylated and carboxylated aryl alkyl sulfides from various bromobenzenes. <i>Tetrahedron Letters</i> , 2006, 47, 7101-7106.	1.4	16
54	PPAR α regulates glucose metabolism and insulin sensitivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3444-3449.	7.1	451

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55	A highly efficient synthesis of antiobestic ligand GW501516 for the peroxisome proliferator-activated receptor δ through in situ protection of the phenol group by reaction with a Grignard reagent. <i>Tetrahedron Letters</i> , 2005, 46, 6683-6686.	1.4	12
56	An autoregulatory loop controlling orphan nuclear receptor DAX-1 gene expression by orphan nuclear receptor ERR α . <i>Nucleic Acids Research</i> , 2005, 33, 6756-6768.	14.5	33
57	Activated Liver X Receptors Stimulate Adipocyte Differentiation through Induction of Peroxisome Proliferator-Activated Receptor δ Expression. <i>Molecular and Cellular Biology</i> , 2004, 24, 3430-3444.	2.3	222
58	Regulation of Muscle Fiber Type and Running Endurance by PPAR δ . <i>PLoS Biology</i> , 2004, 2, e294.	5.6	932
59	A Facile One-Pot Synthesis of Alkyl Aryl Sulfides from Aryl Bromides. <i>Journal of Organic Chemistry</i> , 2004, 69, 3236-3239.	3.2	93
60	Peroxisome-Proliferator-Activated Receptor δ Activates Fat Metabolism to Prevent Obesity. <i>Cell</i> , 2003, 113, 159-170.	28.9	1,221
61	PPAR α is a very low-density lipoprotein sensor in macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 1268-1273.	7.1	288
62	Activating Signal Cointegrator 2 Required for Liver Lipid Metabolism Mediated by Liver X Receptors in Mice. <i>Molecular and Cellular Biology</i> , 2003, 23, 3583-3592.	2.3	45
63	FOR, a Novel Orphan Nuclear Receptor Related to Farnesoid X Receptor. <i>Journal of Biological Chemistry</i> , 2002, 277, 17836-17844.	3.4	37
64	Radicicol represses the transcriptional function of the estrogen receptor by suppressing the stabilization of the receptor by heat shock protein 90. <i>Molecular and Cellular Endocrinology</i> , 2002, 188, 47-54.	3.2	29
65	Evaluation of Morphogenic Regulatory Activity of Farnesoic acid and Its Derivatives against <i>Candida albicans</i> Dimorphism. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 895-898.	2.2	34
66	Detection of Antifungal Activity in <i>Belamcanda chinensis</i> by a Single-cell Bioassay Method and Isolation of Its Active Compound, Tectorigenin. <i>Bioscience, Biotechnology and Biochemistry</i> , 2001, 65, 939-942.	1.3	28
67	Ca ²⁺ /Calmodulin-dependent Protein Kinase IV Stimulates Nuclear Factor- κ B Transactivation via Phosphorylation of the p65 Subunit. <i>Journal of Biological Chemistry</i> , 2001, 276, 20005-20010.	3.4	74
68	The Orphan Nuclear Receptor Small Heterodimer Partner as a Novel Coregulator of Nuclear Factor- κ B in Oxidized Low Density Lipoprotein-treated Macrophage Cell Line RAW 264.7. <i>Journal of Biological Chemistry</i> , 2001, 276, 33736-33740.	3.4	48
69	Ningalins A α -D: Novel Aromatic Alkaloids from a Western Australian Ascidian of the Genus <i>Didemnum</i> . <i>Journal of Organic Chemistry</i> , 1997, 62, 3254-3262.	3.2	116
70	Aplidiamine, a unique zwitterionic benzyl hydroxyadenine from the Western Australian marine ascidian <i>Aplidiopsis</i> sp.. <i>Tetrahedron Letters</i> , 1997, 38, 941-944.	1.4	23
71	Isolation of Microbial Antibiotics from a Marine Ascidian of the Genus <i>Didemnum</i> . <i>Journal of Organic Chemistry</i> , 1996, 61, 1543-1546.	3.2	46
72	Polycarpine dihydrochloride: A cytotoxic dimeric disulfide alkaloid from the Indian Ocean ascidian <i>Polycarpa clavata</i> . <i>Tetrahedron Letters</i> , 1996, 37, 2369-2372.	1.4	41

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73	New Isoeudistomin Class Dihydro- β^2 -Carbolines from an Undescribed Ascidian of the Genus <i>Eudistoma</i> . <i>Natural Product Research</i> , 1996, 9, 7-12.	0.4	16