

Heonjoong Kang

List of Publications by Year in descending order

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172457

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#	ARTICLE	IF	CITATIONS
1	Peroxisome-Proliferator-Activated Receptor γ Activates Fat Metabolism to Prevent Obesity. <i>Cell</i> , 2003, 113, 159-170.	28.9	1,221
2	AMPK and PPAR γ Agonists Are Exercise Mimetics. <i>Cell</i> , 2008, 134, 405-415.	28.9	1,086
3	Regulation of Muscle Fiber Type and Running Endurance by PPAR γ . <i>PLoS Biology</i> , 2004, 2, e294.	5.6	932
4	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
5	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
6	Activated Liver X Receptors Stimulate Adipocyte Differentiation through Induction of Peroxisome Proliferator-Activated Receptor β Expression. <i>Molecular and Cellular Biology</i> , 2004, 24, 3430-3444.	2.3	222
7	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
8	Cooperation and Functional Diversification of Two Closely Related Galactolipase Genes for Jasmonate Biosynthesis. <i>Developmental Cell</i> , 2008, 14, 183-192.	7.0	158
9	Ningalins A and 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
10	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
11	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
12	Antibacterial Butenolides from the Korean Tunicate <i>Pseudodistoma antinboja</i> . <i>Journal of Natural Products</i> , 2012, 75, 2049-2054.	3.0	69
13	β -Carboline Alkaloids from a Korean Tunicate <i>Eudistoma</i> sp.. <i>Journal of Natural Products</i> , 2008, 71, 163-166.	3.0	64
14	Tuberatolides, Potent FXR Antagonists from the Korean Marine Tunicate <i>Botryllus tuberatus</i> . <i>Journal of Natural Products</i> , 2011, 74, 90-94.	3.0	55
15	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
16	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
17	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
18	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

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19	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
20	Phosphiodyns A and B, Unique Phosphorus-Containing Iodinated Polyacetylenes from a Korean Sponge <i>Placospongia</i> sp.. <i>Organic Letters</i> , 2013, 15, 100-103.	4.6	44
21	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
22	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
23	FOR, a Novel Orphan Nuclear Receptor Related to Farnesoid X Receptor. <i>Journal of Biological Chemistry</i> , 2002, 277, 17836-17844.	3.4	37
24	Acredinones A and B, Voltage-Dependent Potassium Channel Inhibitors from the Sponge-Derived Fungus <i>Acremonium</i> sp. F9A015. <i>Journal of Natural Products</i> , 2015, 78, 363-367.	3.0	37
25	Isoplatensimycin: Synthesis and biological evaluation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 4601-4602.	2.2	35
26	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
27	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
28	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
29	Phorone A and Isophorbasone A, Sesterterpenoids Isolated from the Marine Sponge <i>Phorbas</i> sp.. <i>Organic Letters</i> , 2012, 14, 4486-4489.	4.6	30
30	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
31	Bioactive Sesterterpenoids from a Korean Sponge <i>Monanchora</i> sp.. <i>Journal of Natural Products</i> , 2013, 76, 170-177.	3.0	29
32	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
33	A Facile One-Pot Preparation of Potassium Hydroxyaryl- and (Hydroxyalkyl)aryltrifluoroborates. <i>Organic Letters</i> , 2008, 10, 1215-1218.	4.6	25
34	Anmindenols A and B, Inducible Nitric Oxide Synthase Inhibitors from a Marine-Derived <i>Streptomyces</i> sp.. <i>Journal of Natural Products</i> , 2014, 77, 1528-1531.	3.0	25
35	Anithiactins A-C, Modified 2-Phenylthiazoles from a Mudflat-Derived <i>Streptomyces</i> sp.. <i>Journal of Natural Products</i> , 2014, 77, 2716-2719.	3.0	24
36	Phorbaketals L-N, cytotoxic sesterterpenoids isolated from the marine sponge of the genus <i>Phorbas</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 4095-4098.	2.2	24

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37	Nocarimidazoles A and B from a Marine-Derived Actinomycete of the Genus <i>Nocardiopsis</i> . <i>Journal of Natural Products</i> , 2015, 78, 2846-2849.	3.0	24
38	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
39	Monanchosterols A and B, Bioactive Bicyclo[4.3.1]steroids from a Korean Sponge <i>Monanchora</i> sp.. <i>Journal of Natural Products</i> , 2015, 78, 368-373.	3.0	23
40	Sterols from a soft coral, <i>Dendronephthya gigantea</i> as farnesoid X-activated receptor antagonists. <i>Steroids</i> , 2012, 77, 355-359.	1.8	22
41	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.. <i>Marine Drugs</i> , 2014, 12, 2054-2065.	4.6	22
42	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. <i>Journal of Natural Products</i> , 2019, 82, 3357-3365.	3.0	20
43	A Facile One-Pot Preparation of Alkyl Aminoaryl Sulfides for the Synthesis of GW7647 as an Agonist of Peroxisome Proliferator-Activated Receptor γ . <i>Journal of Organic Chemistry</i> , 2006, 71, 5781-5784.	3.2	19
44	Marinopyrones A-D, γ -pyrones from marine-derived actinomycetes of the family <i>Nocardiopsaceae</i> . <i>Tetrahedron Letters</i> , 2016, 57, 1997-2000.	1.4	18
45	Cadiolides M, antibacterial polyphenyl butenolides from the Korean tunicate <i>Pseudodistoma antinboja</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 574-577.	2.2	18
46	Cytotoxic scalarane sesterterpenes from a Korean marine sponge <i>Psammocinia</i> sp.. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 2336-2339.	2.2	17
47	Saccharomonopyrones C, New γ -Pyrones from a Marine Sediment-Derived Bacterium <i>Saccharomonospora</i> sp. CNQ-490. <i>Marine Drugs</i> , 2017, 15, 239.	4.6	17
48	Austalides, Osteoclast Differentiation Inhibitors from a Marine-Derived Strain of the Fungus <i>Penicillium rudallense</i> . <i>Journal of Natural Products</i> , 2019, 82, 3083-3088.	3.0	17
49	New Isoeudistomin Class Dihydro- β -Carbolines from an Undescribed Ascidian of the Genus <i>Eudistoma</i> . <i>Natural Product Research</i> , 1996, 9, 7-12.	0.4	16
50	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
51	Cyanopeptoline 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
52	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
53	Discovery, design and synthesis of Y-shaped peroxisome proliferator-activated receptor γ agonists as potent anti-obesity agents <i>in vivo</i> . <i>European Journal of Medicinal Chemistry</i> , 2012, 53, 190-202.	5.5	13
54	Cytotoxic $5\beta,8\beta$ -epidioxy sterols from the marine sponge <i>Monanchora</i> sp.. <i>Archives of Pharmacal Research</i> , 2015, 38, 18-25.	6.3	13

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55	The Halicyclindramides, Farnesoid X Receptor Antagonizing Depsipeptides from a <i>Petrosia</i> sp. Marine Sponge Collected in Korea. <i>Journal of Natural Products</i> , 2016, 79, 499-506.	3.0	13
56	Mycousfurans A and B, Antibacterial Usnic Acid Congeners from the Fungus <i>Mycosphaerella</i> sp., Isolated from a Marine Sediment. <i>Marine Drugs</i> , 2019, 17, 422.	4.6	13
57	An Antibacterial 9,11-Secosterol from a Marine Sponge <i>Ircinia</i> sp.. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 3360-3362.	1.9	13
58	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
59	A Regioselective Synthesis of E-Guggulsterone. <i>Molecules</i> , 2011, 16, 4165-4171.	3.8	12
60	Acresdinone C and the Effect of Acresdinones on Osteoclastogenic and Osteoblastogenic Activity. <i>Journal of Natural Products</i> , 2016, 79, 1730-1736.	3.0	11
61	Scalalactams A-D, Scalarane Sesterterpenes with a β -Lactam Moiety from a Korean <i>Spongia</i> Sp. Marine Sponge. <i>Molecules</i> , 2018, 23, 3187.	3.8	11
62	Sesquiterpenoids with PPAR δ agonistic effect from a Korean marine sponge <i>Ircinia</i> sp.. <i>Tetrahedron Letters</i> , 2014, 55, 4716-4719.	1.4	10
63	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
64	Selective peroxisome proliferator-activated receptor δ isosteric selenium agonists as potent anti-atherogenic agents in vivo. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 7239-7242.	2.2	7
65	A new 9,11-secosterol with a 1,4-quinone from a Korean marine sponge <i>Ircinia</i> sp.. <i>Archives of Pharmacal Research</i> , 2015, 38, 1970-1974.	6.3	7
66	Australide K from the Fungus <i>Penicillium rudallense</i> Prevents LPS-Induced Bone Loss in Mice by Inhibiting Osteoclast Differentiation and Promoting Osteoblast Differentiation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5493.	4.1	7
67	Two New Scalaranes from a Korean Marine Sponge <i>Spongia</i> sp.. <i>Natural Product Sciences</i> , 2015, 21, 289.	0.9	6
68	Two Indole Alkaloids from a Korean Marine Sponge <i>Spongia</i> sp.. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 2120-2123.	1.9	5
69	A Novel Bromoindole Alkaloid from a Korean Colonial Tunicate <i>Didemnum</i> sp.. <i>Natural Product Sciences</i> , 2015, 21, 278.	0.9	5
70	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
71	Synthesis and evaluation of an orally available β -shaped biaryl peroxisome proliferator-activated receptor δ agonist. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 4382-4389.	3.0	4
72	Flavonoid Glycosides from <i>Ulmus macrocarpa</i> Inhibit Osteoclast Differentiation via the Downregulation of NFATc1. <i>ACS Omega</i> , 2022, 7, 4840-4849.	3.5	4

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73	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