

# Hyeung-Jin Jang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

76  
papers

1,738  
citations

19  
h-index

40  
g-index

79  
ext. papers

2,053  
ext. citations

4.3  
avg, IF

4.34  
L-index

#	Paper	IF	Citations
76	Timosaponin A3 Inhibits Palmitate and Stearate through Suppression of SREBP-1 in Pancreatic Cancer. <i>Pharmaceutics</i> , <b>2022</b> , 14, 945	6.4	0
75	Ferulic Acid Induces Keratin 6 $\alpha$ via Inhibition of Nuclear $\beta$ -Catenin Accumulation and Activation of Nrf2 in Wound-Induced Inflammation. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	1
74	Self-Activating Therapeutic Nanoparticle: A Targeted Tumor Therapy Using Reactive Oxygen Species Self-Generation and Switch-on Drug Release. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 30359-30372	9.5	4
73	Proteins Derived from <i>Cnidium officinale</i> Makino React with Serum IgE of Allergic Patients and Stimulate ERK/NF- $\kappa$ B Activation in Human Mast Cell Line HMC-1 Cells. <i>Biochip Journal</i> , <b>2021</b> , 15, 135	4	0
72	Gancaoanin N from Attenuates the Inflammatory Response by Downregulating the NF- $\kappa$ B/MAPK Pathway on an Acute Pneumonia In Vitro Model. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	3
71	Anti-Obesity Effect of Polygalin C Isolated from <i>Houtt.</i> via Suppression of the Adipogenic and Lipogenic Factors in 3T3-L1 Adipocytes. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
70	Anti-Cancer Potential of in Pancreatic Cancer Cell through Regulation of the ERK/Src/STAT3-Mediated Pathway. <i>Molecules</i> , <b>2020</b> , 25,	4.8	7
69	Anti-inflammatory effect of <i>Rosa laevigata</i> extract on in vitro and in vivo model of allergic asthma via the suppression of IgE and related cytokines. <i>Molecular and Cellular Toxicology</i> , <b>2020</b> , 16, 119-127	1.6	6
68	Ophiopogonin D ameliorates DNCB-induced atopic dermatitis-like lesions in BALB/c mice and TNF- $\alpha$ inflamed HaCaT cell. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 522, 40-46	3.4	10
67	Effect of on PM10-Induced Inflammatory Response of Human Lung Epithelial Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2020</b> , 2020, 2893609	2.3	5
66	Tumor-Targeting, MicroRNA-Silencing Porous Silicon Nanoparticles for Ovarian Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 23926-23937	9.5	35
65	GI inflammation Increases Sodium-Glucose Cotransporter Sglt1. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	6
64	Apoptosis and G2/M cell cycle arrest induced by a timosaponin A3 from <i>Anemarrhena asphodeloides</i> Bunge on AsPC-1 pancreatic cancer cells. <i>Phytomedicine</i> , <b>2019</b> , 56, 48-56	6.5	15
63	Anti-cancer Activity of <i>Boswellia Carterii</i> Extract Alters the Stress Functional Gene Expression in the Pancreatic Cancer Cell. <i>Biochip Journal</i> , <b>2019</b> , 13, 191-201	4	3
62	Prevention and relaxation effects of <i>Liriope platyphylla</i> on bronchial asthma in vitro model by suppressing the activities of MAPK/NF- $\kappa$ B pathway. <i>Molecular and Cellular Toxicology</i> , <b>2019</b> , 15, 325-334	1.6	2
61	Anti-inflammatory effect of Chunkoongkeigi-tang on IL-1 $\beta$ induced inflamed A549 by the inhibition of COX-2 expression. <i>Molecular and Cellular Toxicology</i> , <b>2019</b> , 15, 93-102	1.6	2
60	A wavelength-tunable and facilely functionable D-A type naphthalene core skeleton: Synthesis, photophysical property, and bio-imaging applications for cells and tissues. <i>Dyes and Pigments</i> , <b>2019</b> , 162, 104-111	4.6	11

59	Proteins isolated of Pueraria Radix possible to cause allergenic react with immunoglobulin E in human sera. <i>Molecular and Cellular Toxicology</i> , <b>2018</b> , 14, 233-239	1.6	3
58	Anti-inflammatory effects of embelin in A549 cells and human asthmatic airway epithelial tissues. <i>Immunopharmacology and Immunotoxicology</i> , <b>2018</b> , 40, 83-90	3.2	15
57	Identification of Possibility of Glycyrrhiza uralensis as an Allergen by Protein Analysis. <i>Biochip Journal</i> , <b>2018</b> , 12, 75-82	4	7
56	Cucurbitacin B Induces Hypoglycemic Effect in Diabetic Mice by Regulation of AMP-Activated Protein Kinase Alpha and Glucagon-Like Peptide-1 via Bitter Taste Receptor Signaling. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 1071	5.6	19
55	Ginkgolide A ameliorates non-alcoholic fatty liver diseases on high fat diet mice. <i>Biomedicine and Pharmacotherapy</i> , <b>2017</b> , 88, 625-634	7.5	33
54	Anti-diabetic effects of natural products an overview of therapeutic strategies. <i>Molecular and Cellular Toxicology</i> , <b>2017</b> , 13, 1-20	1.6	27
53	Activation of intestinal olfactory receptor stimulates glucagon-like peptide-1 secretion in enteroendocrine cells and attenuates hyperglycemia in type 2 diabetic mice. <i>Scientific Reports</i> , <b>2017</b> , 7, 13978	4.9	21
52	The therapeutic effects of Yongdamsagan-tang on autoimmune hepatitis models. <i>Biomedicine and Pharmacotherapy</i> , <b>2017</b> , 94, 244-255	7.5	7
51	Effects of Kamichunggantang on Lipoapoptosis and inflammation of NAFLD in db/db mice. <i>Oriental Pharmacy and Experimental Medicine</i> , <b>2017</b> , 17, 365-372	2	0
50	Proteins derived from Prunus armeniaca kernel are possible to cause Immunoglobulin E reactivity in human sera. <i>Molecular and Cellular Toxicology</i> , <b>2017</b> , 13, 213-220	1.6	7
49	Anti-lipoapoptotic effects of Alisma orientalis extract on non-esterified fatty acid-induced HepG2 cells. <i>BMC Complementary and Alternative Medicine</i> , <b>2016</b> , 16, 239	4.7	15
48	Anti-diabetic and anti-obesitic effects of aqueous extracts of Yangkyuksanhwa-tang and its two major compositions on db/db mice. <i>Biomedicine and Pharmacotherapy</i> , <b>2016</b> , 83, 431-438	7.5	7
47	Metabolic Profiling of Liver Tissue in Diabetic Mice Treated with Artemisia Capillaris and Alisma Rhizome Using LC-MS and CE-MS. <i>The American Journal of Chinese Medicine</i> , <b>2016</b> , 44, 1639-1661	6	7
46	Isolated protein of Astragalus membranaceus acts as an allergen by binding human immunoglobulin E on human sera. <i>Biochip Journal</i> , <b>2016</b> , 10, 95-102	4	8
45	Looking for New Herbal Treatments for Metabolic Syndrome. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2016</b> , 2016, 7198490	2.3	
44	Anti-Inflammatory Effects of Ginsenoside Rg3 via NF-B Pathway in A549 Cells and Human Asthmatic Lung Tissue. <i>Journal of Immunology Research</i> , <b>2016</b> , 2016, 7521601	4.5	30
43	Antihyperglycemic and Antiobesity Effects of JAL2 on db/db Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2016</b> , 2016, 6828514	2.3	3
42	Development of GLP-1 secretagogue using microarray in enteroendocrine L cells. <i>Biochip Journal</i> , <b>2016</b> , 10, 272-276	4	6

41	The effects of Baekho-tang on 1-Fluoro-2, 4-dinitrofluorobenzene-induced allergic contact dermatitis in BALB/c mice. <i>Oriental Pharmacy and Experimental Medicine</i> , <b>2016</b> , 16, 349-354	2	
40	Coix seed extract attenuates the high-fat induced mouse obesity via PPAR $\alpha$ and C/EBP $\alpha$ downregulation. <i>Molecular and Cellular Toxicology</i> , <b>2015</b> , 11, 213-221	1.6	24
39	A bitter herbal medicine Gentiana scabra root extract stimulates glucagon-like peptide-1 secretion and regulates blood glucose in db/db mouse. <i>Journal of Ethnopharmacology</i> , <b>2015</b> , 172, 219-26	5	33
38	Effects of the inhaled treatment of liriopae radix on an asthmatic mouse model. <i>The American Journal of Chinese Medicine</i> , <b>2015</b> , 43, 425-41	6	9
37	GLP-1 secretion is stimulated by 1,10-phenanthroline via colocalized T2R5 signal transduction in human enteroendocrine L cell. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 468, 306-11	3.4	22
36	The aglycone of ginsenoside Rg3 enables glucagon-like peptide-1 secretion in enteroendocrine cells and alleviates hyperglycemia in type 2 diabetic mice. <i>Scientific Reports</i> , <b>2015</b> , 5, 18325	4.9	34
35	Transcriptomic Analysis Reveals Wound Healing of Morus alba Root Extract by Up-Regulating Keratin Filament and CXCL12/CXCR4 Signaling. <i>Phytotherapy Research</i> , <b>2015</b> , 29, 1251-8	6.7	10
34	Medicinal Plants Quia Glucagon-Like Peptide-1 Secretagogue via Intestinal Nutrient Sensors. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2015</b> , 2015, 171742	2.3	11
33	Osteogenic differentiation of human mesenchymal stem cells promoted by the crude extracts of the mixture of Cortex mori radice, Patrinia saniculaefolia. <i>Molecular and Cellular Toxicology</i> , <b>2015</b> , 11, 475-482	1.6	9
32	Morusin induces cell death through inactivating STAT3 signaling in prostate cancer cells. <i>American Journal of Cancer Research</i> , <b>2015</b> , 5, 289-99	4.4	24
31	The anti-inflammatory effects of Alisma herb extract on allergic asthma mouse model. <i>Molecular and Cellular Toxicology</i> , <b>2014</b> , 10, 197-206	1.6	9
30	Anti-lipoapoptotic effect of Artemisia capillaris extract on free fatty acids-induced HepG2 cells. <i>BMC Complementary and Alternative Medicine</i> , <b>2014</b> , 14, 253	4.7	27
29	Denatonium induces secretion of glucagon-like peptide-1 through activation of bitter taste receptor pathways. <i>Diabetologia</i> , <b>2014</b> , 57, 2117-25	10.3	72
28	Review of experimental and clinical studies on Soyangin (???) Yanggyeoksanhwa-tang (?????) in Korea since 2000. <i>Oriental Pharmacy and Experimental Medicine</i> , <b>2014</b> , 14, 291-300	2	3
27	Hexane Fractions of Bupleurum falcatum L. Stimulates Glucagon-Like Peptide-1 Secretion through G $\beta$ Mediated Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2014</b> , 2014, 982165	2.3	8
26	Anti-fibrotic effects of Kyungheechunggan-tang on activated hepatic stellate cells and rat liver. <i>Molecular and Cellular Toxicology</i> , <b>2014</b> , 10, 411-421	1.6	4
25	Effects of $\beta$ sitosterol derived from Artemisia capillaris on the activated human hepatic stellate cells and dimethylnitrosamine-induced mouse liver fibrosis. <i>BMC Complementary and Alternative Medicine</i> , <b>2014</b> , 14, 363	4.7	25
24	Transcriptomic analysis of effects of triclosan on Mycobacterium bovis BCG. <i>Biochip Journal</i> , <b>2014</b> , 8, 163-170	4	1

23	The effects of complex herbal medicine composed of Cornus fructus, Dioscoreae rhizoma, Aurantii fructus, and Mori folium in obese type-2 diabetes mice model. <i>Oriental Pharmacy and Experimental Medicine</i> , <b>2013</b> , 13, 69-75	2	10
22	Aqueous extracts of Anemarrhena asphodeloides stimulate glucagon-like peptide-1 secretion in enteroendocrine NCI-H716 cells. <i>Biochip Journal</i> , <b>2013</b> , 7, 188-193	4	16
21	The multi-targeted effects of Chrysanthemum herb extract against Escherichia coli O157:H7. <i>Phytotherapy Research</i> , <b>2013</b> , 27, 1398-406	6.7	8
20	Transcriptomic analysis of the bitter taste receptor-mediated glucagon-like peptide-1 stimulation effect of quinine. <i>Biochip Journal</i> , <b>2013</b> , 7, 386-392	4	14
19	Embelin induces apoptosis in human glioma cells through inactivating NF- $\kappa$ B. <i>Journal of Pharmacological Sciences</i> , <b>2013</b> , 121, 192-9	3.7	30
18	Comparative transcriptomic analysis of the multi-targeted effects of the herbal extracts against Escherichia coli O157:H7. <i>Biochip Journal</i> , <b>2012</b> , 6, 379-390	4	6
17	Hexane fraction of Citrus aurantium L. stimulates glucagon-like peptide-1 (GLP-1) secretion via membrane depolarization in NCI-H716 cells. <i>Biochip Journal</i> , <b>2012</b> , 6, 41-47	4	14
16	Gentiana scabra extracts stimulate glucagon-like peptide-1 secretion via G protein-coupled receptor pathway. <i>Biochip Journal</i> , <b>2012</b> , 6, 114-119	4	12
15	Embelin suppresses STAT3 signaling, proliferation, and survival of multiple myeloma via the protein tyrosine phosphatase PTEN. <i>Cancer Letters</i> , <b>2011</b> , 308, 71-80	9.9	76
14	The multi-target antibiotic efficacy of Angelica dahurica Bentham et Hooker extract exposed to the Escherichia coli O157:H7. <i>Biochip Journal</i> , <b>2011</b> , 5, 333-342	4	8
13	Toxicogenomic response of Mycobacterium bovis BCG to peracetic acid and a comparative analysis of the M. bovis BCG response to three oxidative disinfectants. <i>Applied Microbiology and Biotechnology</i> , <b>2011</b> , 90, 277-304	5.7	5
12	Inhibitory effect of Mori Cortex Radicis, Farfarae Flos and Asteris Radix extracts on release of inflammatory mediators in LPS-induced HMC-1 cells. <i>Oriental Pharmacy and Experimental Medicine</i> , <b>2011</b> , 11, 113-118	2	1
11	Genome-wide gene expression analysis of Patrinia scabiosaefolia reveals an antibiotic effect. <i>Biochip Journal</i> , <b>2011</b> , 5, 246-254	4	8
10	Global transcriptome analysis of the E. coli O157 response to Agrimonia pilosa extract. <i>Molecular and Cellular Toxicology</i> , <b>2011</b> , 7, 299-310	1.6	6
9	Global transcriptome analysis of the Escherichia coli O157 response to Houttuynia Cordata Thunb. <i>Biochip Journal</i> , <b>2010</b> , 4, 237-246	4	10
8	Comparative global transcription analysis of Aconitum koreanum Raymond, Typhonium giganteum Engl., and Helianthus tuberosus Linne. <i>Molecular and Cellular Toxicology</i> , <b>2010</b> , 6, 405-413	1.6	
7	Global transcriptome analysis of the Mycobacterium bovis BCG response to sodium hypochlorite. <i>Applied Microbiology and Biotechnology</i> , <b>2009</b> , 85, 127-40	5.7	13
6	Microarray analysis of Mycobacterium bovis BCG revealed induction of iron acquisition related genes in response to hydrogen peroxide. <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 9465-72	10.3	12

5	Microarray analysis of toxicogenomic effects of ortho-phenylphenol in <i>Staphylococcus aureus</i> . <i>BMC Genomics</i> , <b>2008</b> , 9, 411	4.5	23
4	Toxicogenomic response of <i>Pseudomonas aeruginosa</i> to ortho-phenylphenol. <i>BMC Genomics</i> , <b>2008</b> , 9, 473	4.5	24
3	Microarray analysis of toxicogenomic effects of triclosan on <i>Staphylococcus aureus</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2008</b> , 78, 695-707	5.7	25
2	Toxicogenomic Response of <i>Staphylococcus aureus</i> to Triclosan. <i>FASEB Journal</i> , <b>2008</b> , 22, 1023.1	0.9	
1	Gut-expressed gustducin and taste receptors regulate secretion of glucagon-like peptide-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 15069-74	11.5	761