

Hyeung-Jin Jang

List of Publications by Citations

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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	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> , 2007 , 104, 15069-74	11.5	761
75	Embelin suppresses STAT3 signaling, proliferation, and survival of multiple myeloma via the protein tyrosine phosphatase PTEN. <i>Cancer Letters</i> , 2011 , 308, 71-80	9.9	76
74	Denatonium induces secretion of glucagon-like peptide-1 through activation of bitter taste receptor pathways. <i>Diabetologia</i> , 2014 , 57, 2117-25	10.3	72
73	Tumor-Targeting, MicroRNA-Silencing Porous Silicon Nanoparticles for Ovarian Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 23926-23937	9.5	35
72	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> , 2015 , 5, 18325	4.9	34
71	Ginkgolide A ameliorates non-alcoholic fatty liver diseases on high fat diet mice. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 88, 625-634	7.5	33
70	A bitter herbal medicine <i>Gentiana scabra</i> root extract stimulates glucagon-like peptide-1 secretion and regulates blood glucose in db/db mouse. <i>Journal of Ethnopharmacology</i> , 2015 , 172, 219-26	5	33
69	Embelin induces apoptosis in human glioma cells through inactivating NF- κ B. <i>Journal of Pharmacological Sciences</i> , 2013 , 121, 192-9	3.7	30
68	Anti-Inflammatory Effects of Ginsenoside Rg3 via NF- κ B Pathway in A549 Cells and Human Asthmatic Lung Tissue. <i>Journal of Immunology Research</i> , 2016 , 2016, 7521601	4.5	30
67	Anti-diabetic effects of natural products an overview of therapeutic strategies. <i>Molecular and Cellular Toxicology</i> , 2017 , 13, 1-20	1.6	27
66	Anti-lipoapoptotic effect of <i>Artemisia capillaris</i> extract on free fatty acids-induced HepG2 cells. <i>BMC Complementary and Alternative Medicine</i> , 2014 , 14, 253	4.7	27
65	Effects of β -sitosterol derived from <i>Artemisia capillaris</i> on the activated human hepatic stellate cells and dimethylnitrosamine-induced mouse liver fibrosis. <i>BMC Complementary and Alternative Medicine</i> , 2014 , 14, 363	4.7	25
64	Microarray analysis of toxicogenomic effects of triclosan on <i>Staphylococcus aureus</i> . <i>Applied Microbiology and Biotechnology</i> , 2008 , 78, 695-707	5.7	25
63	Coix seed extract attenuates the high-fat induced mouse obesity via PPAR α and C/EBP α downregulation. <i>Molecular and Cellular Toxicology</i> , 2015 , 11, 213-221	1.6	24
62	Toxicogenomic response of <i>Pseudomonas aeruginosa</i> to ortho-phenylphenol. <i>BMC Genomics</i> , 2008 , 9, 473	4.5	24
61	Morusin induces cell death through inactivating STAT3 signaling in prostate cancer cells. <i>American Journal of Cancer Research</i> , 2015 , 5, 289-99	4.4	24
60	Microarray analysis of toxicogenomic effects of ortho-phenylphenol in <i>Staphylococcus aureus</i> . <i>BMC Genomics</i> , 2008 , 9, 411	4.5	23

59	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> , 2015 , 468, 306-11	3.4	22
58	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> , 2017 , 7, 13978	4.9	21
57	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> , 2018 , 9, 1071	5.6	19
56	Aqueous extracts of <i>Anemarrhena asphodeloides</i> stimulate glucagon-like peptide-1 secretion in enteroendocrine NCI-H716 cells. <i>Biochip Journal</i> , 2013 , 7, 188-193	4	16
55	Anti-inflammatory effects of embelin in A549 cells and human asthmatic airway epithelial tissues. <i>Immunopharmacology and Immunotoxicology</i> , 2018 , 40, 83-90	3.2	15
54	Anti-lipoapoptotic effects of <i>Alisma orientalis</i> extract on non-esterified fatty acid-induced HepG2 cells. <i>BMC Complementary and Alternative Medicine</i> , 2016 , 16, 239	4.7	15
53	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> , 2019 , 56, 48-56	6.5	15
52	Transcriptomic analysis of the bitter taste receptor-mediated glucagon-like peptide-1 stimulation effect of quinine. <i>Biochip Journal</i> , 2013 , 7, 386-392	4	14
51	Hexane fraction of <i>Citrus aurantium</i> L. stimulates glucagon-like peptide-1 (GLP-1) secretion via membrane depolarization in NCI-H716 cells. <i>Biochip Journal</i> , 2012 , 6, 41-47	4	14
50	Global transcriptome analysis of the <i>Mycobacterium bovis</i> BCG response to sodium hypochlorite. <i>Applied Microbiology and Biotechnology</i> , 2009 , 85, 127-40	5.7	13
49	<i>Gentiana scabra</i> extracts stimulate glucagon-like peptide-1 secretion via G protein-coupled receptor pathway. <i>Biochip Journal</i> , 2012 , 6, 114-119	4	12
48	Microarray analysis of <i>Mycobacterium bovis</i> BCG revealed induction of iron acquisition related genes in response to hydrogen peroxide. <i>Environmental Science & Technology</i> , 2009 , 43, 9465-72	10.3	12
47	Medicinal Plants Qua Glucagon-Like Peptide-1 Secretagogue via Intestinal Nutrient Sensors. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 171742	2.3	11
46	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> , 2019 , 162, 104-111	4.6	11
45	The effects of complex herbal medicine composed of <i>Cornus fructus</i> , <i>Dioscoreae rhizoma</i> , <i>Aurantii fructus</i> , and <i>Mori folium</i> in obese type-2 diabetes mice model. <i>Oriental Pharmacy and Experimental Medicine</i> , 2013 , 13, 69-75	2	10
44	Transcriptomic Analysis Reveals Wound Healing of <i>Morus alba</i> Root Extract by Up-Regulating Keratin Filament and CXCL12/CXCR4 Signaling. <i>Phytotherapy Research</i> , 2015 , 29, 1251-8	6.7	10
43	Global transcriptome analysis of the <i>Escherichia coli</i> O157 response to <i>Houttuynia Cordata</i> Thunb. <i>Biochip Journal</i> , 2010 , 4, 237-246	4	10
42	Ophiopogonin D ameliorates DNCB-induced atopic dermatitis-like lesions in BALB/c mice and TNF- α inflamed HaCaT cell. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 522, 40-46	3.4	10

41	Effects of the inhaled treatment of liriopae radix on an asthmatic mouse model. <i>The American Journal of Chinese Medicine</i> , 2015 , 43, 425-41	6	9
40	The anti-inflammatory effects of Alisma herb extract on allergic asthma mouse model. <i>Molecular and Cellular Toxicology</i> , 2014 , 10, 197-206	1.6	9
39	Osteogenic differentiation of human mesenchymal stem cells promoted by the crude extracts of the mixture of Cortex mori radices, Patrinia saniculaefolia. <i>Molecular and Cellular Toxicology</i> , 2015 , 11, 475-482	1.6	9
38	Isolated protein of Astragalus membranaceus acts as an allergen by binding human immunoglobulin E on human sera. <i>Biochip Journal</i> , 2016 , 10, 95-102	4	8
37	The multi-targeted effects of Chrysanthemum herb extract against Escherichia coli O157:H7. <i>Phytotherapy Research</i> , 2013 , 27, 1398-406	6.7	8
36	Hexane Fractions of Bupleurum falcatum L. Stimulates Glucagon-Like Peptide-1 Secretion through G β Mediated Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014 , 2014, 982165	2.3	8
35	The multi-target antibiotic efficacy of Angelica dahurica Bentham et Hooker extract exposed to the Escherichia coli O157:H7. <i>Biochip Journal</i> , 2011 , 5, 333-342	4	8
34	Genome-wide gene expression analysis of Patrinia scabiosaefolia reveals an antibiotic effect. <i>Biochip Journal</i> , 2011 , 5, 246-254	4	8
33	Anti-Cancer Potential of in Pancreatic Cancer Cell through Regulation of the ERK/Src/STAT3-Mediated Pathway. <i>Molecules</i> , 2020 , 25,	4.8	7
32	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> , 2016 , 83, 431-438	7.5	7
31	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> , 2016 , 44, 1639-1661	6	7
30	Identification of Possibility of Glycyrrhiza uralensis as an Allergen by Protein Analysis. <i>Biochip Journal</i> , 2018 , 12, 75-82	4	7
29	The therapeutic effects of Yongdamsagan-tang on autoimmune hepatitis models. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 94, 244-255	7.5	7
28	Proteins derived from Prunus armeniaca kernel are possible to cause Immunoglobulin E reactivity in human sera. <i>Molecular and Cellular Toxicology</i> , 2017 , 13, 213-220	1.6	7
27	GI inflammation Increases Sodium-Glucose Cotransporter Sglt1. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6
26	Anti-inflammatory effect of Rosa laevigata 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> , 2020 , 16, 119-127	1.6	6
25	Comparative transcriptomic analysis of the multi-targeted effects of the herbal extracts against Escherichia coli O157:H7. <i>Biochip Journal</i> , 2012 , 6, 379-390	4	6
24	Global transcriptome analysis of the E. coli O157 response to Agrimonia pilosa extract. <i>Molecular and Cellular Toxicology</i> , 2011 , 7, 299-310	1.6	6

23	Development of GLP-1 secretagogue using microarray in enteroendocrine L cells. <i>Biochip Journal</i> , 2016 , 10, 272-276	4	6
22	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> , 2011 , 90, 277-304	5.7	5
21	Effect of on PM10-Induced Inflammatory Response of Human Lung Epithelial Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020 , 2020, 2893609	2.3	5
20	Anti-fibrotic effects of Kyungheechunggan-tang on activated hepatic stellate cells and rat liver. <i>Molecular and Cellular Toxicology</i> , 2014 , 10, 411-421	1.6	4
19	Self-Activating Therapeutic Nanoparticle: A Targeted Tumor Therapy Using Reactive Oxygen Species Self-Generation and Switch-on Drug Release. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 30359-30372	9.5	4
18	Anti-Obesity Effect of Polygalin C Isolated from Houitt. via Suppression of the Adipogenic and Lipogenic Factors in 3T3-L1 Adipocytes. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
17	Proteins isolated of Pueraria Radix possible to cause allergenic react with immunoglobulin E in human sera. <i>Molecular and Cellular Toxicology</i> , 2018 , 14, 233-239	1.6	3
16	Anti-cancer Activity of Boswellia Carterii Extract Alters the Stress Functional Gene Expression in the Pancreatic Cancer Cell. <i>Biochip Journal</i> , 2019 , 13, 191-201	4	3
15	Review of experimental and clinical studies on Soyangin (???) Yanggyeoksanhwa-tang (?????) in Korea since 2000. <i>Oriental Pharmacy and Experimental Medicine</i> , 2014 , 14, 291-300	2	3
14	Antihyperglycemic and Antiobesity Effects of JAL2 on db/db Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016 , 2016, 6828514	2.3	3
13	Gancaonin N from Attenuates the Inflammatory Response by Downregulating the NF- κ B/MAPK Pathway on an Acute Pneumonia In Vitro Model. <i>Pharmaceutics</i> , 2021 , 13,	6.4	3
12	Prevention and relaxation effects of Liriope platyphylla on bronchial asthma in vitro model by suppressing the activities of MAPK/NF- κ B pathway. <i>Molecular and Cellular Toxicology</i> , 2019 , 15, 325-334	1.6	2
11	Anti-inflammatory effect of Chunkoongkeigi-tang on IL-1 β induced inflamed A549 by the inhibition of COX-2 expression. <i>Molecular and Cellular Toxicology</i> , 2019 , 15, 93-102	1.6	2
10	Transcriptomic analysis of effects of triclosan on Mycobacterium bovis BCG. <i>Biochip Journal</i> , 2014 , 8, 163-170	4	1
9	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> , 2011 , 11, 113-118	2	1
8	Ferulic Acid Induces Keratin 6 α via Inhibition of Nuclear β Catenin Accumulation and Activation of Nrf2 in Wound-Induced Inflammation. <i>Biomedicines</i> , 2021 , 9,	4.8	1
7	Effects of Kamichunggantang on Lipoapoptosis and inflammation of NAFLD in db/db mice. <i>Oriental Pharmacy and Experimental Medicine</i> , 2017 , 17, 365-372	2	0
6	Proteins Derived from Cnidium officinale Makino React with Serum IgE of Allergic Patients and Stimulate ERK/NF- κ B Activation in Human Mast Cell Line HMC-1 Cells. <i>Biochip Journal</i> , 2021 , 15, 135	4	0

5	Timosaponin A3 Inhibits Palmitate and Stearate through Suppression of SREBP-1 in Pancreatic Cancer. <i>Pharmaceutics</i> , 2022 , 14, 945	6.4	o
4	Comparative global transcription analysis of <i>Aconitum koreanum</i> Raymond, <i>Typhonium giganteum</i> Engl., and <i>Helianthus tuberosus</i> Linne. <i>Molecular and Cellular Toxicology</i> , 2010 , 6, 405-413	1.6	
3	Toxicogenomic Response of <i>Staphylococcus aureus</i> to Triclosan. <i>FASEB Journal</i> , 2008 , 22, 1023.1	0.9	
2	Looking for New Herbal Treatments for Metabolic Syndrome. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016 , 2016, 7198490	2.3	
1	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> , 2016 , 16, 349-354	2	