

Sunyoung Kim

List of Publications by Year in descending order

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57
papers

1,139
citations

361413

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434195

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docs citations

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times ranked

1394
citing authors

#	ARTICLE	IF	CITATIONS
1	Hepatocyte Growth Factor (HGF) Promotes Peripheral Nerve Regeneration by Activating Repair Schwann Cells. <i>Scientific Reports</i> , 2018, 8, 8316.	3.3	70
2	Local Expression of Interleukin-1 Receptor Antagonist by Plasmid DNA Improves Mortality and Decreases Myocardial Inflammation in Experimental Coxsackieviral Myocarditis. <i>Circulation</i> , 2002, 105, 1278-1281.	1.6	69
3	Construction of Retroviral Vectors with Improved Safety, Gene Expression, and Versatility. <i>Journal of Virology</i> , 1998, 72, 994-1004.	3.4	69
4	Improved Expression of Vascular Endothelial Growth Factor by Naked DNA in Mouse Skeletal Muscles: Implication for Gene Therapy of Ischemic Diseases. <i>Biochemical and Biophysical Research Communications</i> , 2000, 272, 230-235.	2.1	51
5	Suppression of Spontaneous Dermatitis in NC/Nga Murine Model by PG102 Isolated from <i>Actinidia arguta</i> . <i>Journal of Investigative Dermatology</i> , 2007, 127, 1154-1160.	0.7	50
6	Hepatocyte Growth Factor Regulates Macrophage Transition to the M2 Phenotype and Promotes Murine Skeletal Muscle Regeneration. <i>Frontiers in Physiology</i> , 2019, 10, 914.	2.8	50
7	Control of IgE and selective TH1 and TH2 cytokines by PG102 isolated from <i>Actinidia arguta</i> . <i>Journal of Allergy and Clinical Immunology</i> , 2005, 116, 1151-1157.	2.9	49
8	A phase I clinical study of naked DNA expressing two isoforms of hepatocyte growth factor to treat patients with critical limb ischemia. <i>Journal of Gene Medicine</i> , 2011, 13, 602-610.	2.8	43
9	Upregulation of heme oxygenase-1 expression by dehydrodiconiferyl alcohol (DHCA) through the AMPK α -Nrf2 dependent pathway. <i>Toxicology and Applied Pharmacology</i> , 2014, 281, 87-100.	2.8	42
10	Dehydrodiconiferyl Alcohol Isolated from <i>Cucurbita moschata</i> Shows Anti-adipogenic and Anti-lipogenic Effects in 3T3-L1 Cells and Primary Mouse Embryonic Fibroblasts. <i>Journal of Biological Chemistry</i> , 2012, 287, 8839-8851.	3.4	38
11	Suppressive effects of PG201, an ethanol extract from herbs, on collagen-induced arthritis in mice. <i>British Journal of Rheumatology</i> , 2003, 42, 665-672.	2.3	32
12	Enhanced cardioprotective effects by coexpression of two isoforms of hepatocyte growth factor from naked plasmid DNA in a rat ischemic heart disease model. <i>Journal of Gene Medicine</i> , 2011, 13, 549-555.	2.8	30
13	Dehydrodiconiferyl Alcohol Inhibits Osteoclast Differentiation and Ovariectomy-Induced Bone Loss through Acting as an Estrogen Receptor Agonist. <i>Journal of Natural Products</i> , 2018, 81, 1343-1356.	3.0	28
14	Brief Comment: Stable Expression of Human Immunodeficiency Virus Type 1 Nef Confers Resistance against Fas-Mediated Apoptosis. <i>AIDS Research and Human Retroviruses</i> , 2001, 17, 99-104.	1.1	27
15	GSK3 β , But Not GSK3 α , Inhibits the Neuronal Differentiation of Neural Progenitor Cells As a Downstream Target of Mammalian Target of Rapamycin Complex1. <i>Stem Cells and Development</i> , 2014, 23, 1121-1133.	2.1	26
16	Construction of a retroviral vector production system with the minimum possibility of a homologous recombination. <i>Gene Therapy</i> , 2003, 10, 706-711.	4.5	25
17	Effective control of neuropathic pain by transient expression of hepatocyte growth factor in a mouse chronic constriction injury model. <i>FASEB Journal</i> , 2018, 32, 5119-5131.	0.5	25
18	Interferon-gamma inhibits the neuronal differentiation of neural progenitor cells by inhibiting the expression of Neurogenin2 via the JAK/STAT1 pathway. <i>Biochemical and Biophysical Research Communications</i> , 2015, 466, 52-59.	2.1	23

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19	Ameliorating Effects of HX106N, a Water-Soluble Botanical Formulation, on A β -Induced Memory Impairment and Oxidative Stress in Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2014, 37, 954-960.	1.4	21
20	Suppression of Allergic Diarrhea in Murine Ovalbumin-Induced Allergic Diarrhea Model by PG102, a Water-Soluble Extract Prepared from <i>Actinidia arguta</i> . <i>International Archives of Allergy and Immunology</i> , 2009, 150, 164-171.	2.1	20
21	Hepatocyte Growth Factor Regulates the miR-206-HDAC4 Cascade to Control Neurogenic Muscle Atrophy following Surgical Denervation in Mice. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 12, 568-577.	5.1	20
22	Effective suppression of pro-inflammatory molecules by DHCA via IKK α -NF κ B pathway, <i>in vitro</i> and <i>in vivo</i> . <i>British Journal of Pharmacology</i> , 2015, 172, 3353-3369.	5.4	19
23	Dehydrodiconiferyl alcohol promotes BMP-2-induced osteoblastogenesis through its agonistic effects on estrogen receptor. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 2242-2248.	2.1	19
24	Botanical formulation, TADIOS, alleviates lipopolysaccharide (LPS)-induced acute lung injury in mice via modulation of the Nrf2-HO-1 signaling pathway. <i>Journal of Ethnopharmacology</i> , 2021, 270, 113795.	4.1	19
25	Construction of a high efficiency retroviral vector for gene therapy of Hunter's syndrome. <i>Journal of Gene Medicine</i> , 2003, 5, 18-29.	2.8	17
26	Therapeutic effects of PG201, an ethanol extract from herbs, through cartilage protection on collagenase-induced arthritis in rabbits. <i>Biochemical and Biophysical Research Communications</i> , 2005, 331, 1469-1477.	2.1	17
27	The effects of PG102, a water-soluble extract from <i>Actinidia arguta</i> , on serum total IgE levels: a double-blind, randomized, placebo-controlled exploratory clinical study. <i>European Journal of Nutrition</i> , 2011, 50, 523-529.	3.9	17
28	Water soluble extracts from <i>Actinidia arguta</i> , PG102, attenuates house dust mite-induced murine atopic dermatitis by inhibiting the mTOR pathway with Treg generation. <i>Journal of Ethnopharmacology</i> , 2016, 193, 96-106.	4.1	17
29	Control of cytokine gene expression by PG101, a water-soluble extract prepared from <i>Lentinus lepideus</i> . <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 880-887.	2.1	15
30	Reconstitution of a metabolic pathway with triple-cistronic IRES-containing retroviral vectors for correction of tetrahydrobiopterin deficiency. <i>Journal of Gene Medicine</i> , 2000, 2, 22-31.	2.8	14
31	Dehydrodiconiferyl alcohol (DHCA) modulates the differentiation of Th17 and Th1 cells and suppresses experimental autoimmune encephalomyelitis. <i>Molecular Immunology</i> , 2015, 68, 434-444.	2.2	14
32	A Water-Soluble Extract from <i>Actinidia arguta</i> Ameliorates Psoriasis-Like Skin Inflammation in Mice by Inhibition of Neutrophil Infiltration. <i>Nutrients</i> , 2018, 10, 1399.	4.1	14
33	Intrathecal delivery of recombinant AAV1 encoding hepatocyte growth factor improves motor functions and protects neuromuscular system in the nerve crush and SOD1-G93A transgenic mouse models. <i>Acta Neuropathologica Communications</i> , 2019, 7, 96.	5.2	13
34	Prevalence of human foamy virus-related sequences in the Korean population. <i>Journal of Biomedical Science</i> , 1998, 5, 267-273.	7.0	12
35	Factors affecting retrovirus-mediated gene transfer to human CD34+ cells. <i>Journal of Gene Medicine</i> , 2004, 6, 724-733.	2.8	12
36	c-Fos is necessary for HGF-mediated gene regulation and cell migration in Schwann cells. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 2855-2860.	2.1	12

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37	PG102 Upregulates IL-37 through p38, ERK, and Smad3 Pathways in HaCaT Keratinocytes. <i>Mediators of Inflammation</i> , 2019, 2019, 1-9.	3.0	12
38	Suppressive effects of PG201, an antiarthritic botanical formulation, on lipopolysaccharide-induced inflammatory mediators in Raw264.7 cells. <i>Experimental Biology and Medicine</i> , 2012, 237, 499-508.	2.4	11
39	Intramuscular delivery of HGF-expressing recombinant AAV improves muscle integrity and alleviates neurological symptoms in the nerve crush and SOD1-G93A transgenic mouse models. <i>Biochemical and Biophysical Research Communications</i> , 2019, 517, 452-457.	2.1	11
40	Factors affecting the performance of different long terminal repeats in the retroviral vector. <i>Biochemical and Biophysical Research Communications</i> , 2006, 343, 1017-1022.	2.1	10
41	Nef from a primary isolate of human immunodeficiency virus type 1 lacking the EE155 region shows decreased ability to down-regulate CD4. <i>Journal of General Virology</i> , 2004, 85, 1451-1461.	2.9	8
42	Lack of negative influence on the cellular transcription factors NF- κ B and AP-1 by the Nef protein of human immunodeficiency virus type 1. <i>Journal of General Virology</i> , 1999, 80, 2951-2956.	2.9	8
43	PG201 downregulates the production of nitrite by upregulating heme oxygenase-1 expression through the control of phosphatidylinositol 3-kinase and NF-E2-related factor 2. <i>Nitric Oxide - Biology and Chemistry</i> , 2013, 33, 42-55.	2.7	7
44	<i>Lactobacillus pentosus</i> KF340 alleviates house dust mite-induced murine atopic dermatitis via the secretion of IL-10-producing splenic B10 cells. <i>Journal of Functional Foods</i> , 2016, 26, 258-267.	3.4	5
45	Hepatocyte growth factor is necessary for efficient outgrowth of injured peripheral axons in in vitro culture system and in vivo nerve crush mouse model. <i>Biochemistry and Biophysics Reports</i> , 2021, 26, 100973.	1.3	5
46	Botanical Formulation HX109 Ameliorates TP-Induced Benign Prostate Hyperplasia in Rat Model and Inhibits Androgen Receptor Signaling by Upregulating Ca ²⁺ /CaMKK β and ATF3 in LNCaP Cells. <i>Nutrients</i> , 2018, 10, 1946.	4.1	4
47	Water-Soluble Extract from <i>Actinidia arguta</i> (Siebold & Zucc.) Planch. ex Miq. and <i>Perilla frutescens</i> (L.) Britton, ACTPER, Ameliorates a Dry Skin-Induced Itch in a Mice Model and Promotes Filaggrin Expression by Activating the AhR Signaling in HaCaT Cells. <i>Nutrients</i> , 2019, 11, 1366.	4.1	4
48	Reconstitution of anti-allergic activities of PG102 derived from <i>Actinidia arguta</i> by combining synthetic chemical compounds. <i>Experimental Biology and Medicine</i> , 2013, 238, 631-640.	2.4	3
49	Regulation of CCAAT/enhancer-binding protein (C/EBP) β in human-cytomegalovirus-infected fibroblasts. <i>Archives of Virology</i> , 2016, 161, 1151-1158.	2.1	3
50	Disproportionately high levels of HGF induce the degradation of the c-met receptor through the proteasomal degradation pathway. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 925-930.	2.1	3
51	Botanical preparation HX109 inhibits macrophage-mediated activation of prostate epithelial cells through the CCL4-STAT3 pathway: implication for the mechanism underlying HX109 suppression of prostate hyperplasia. <i>Heliyon</i> , 2020, 6, e04267.	3.2	2
52	Intramuscular injection of a plasmid DNA vector expressing hepatocyte growth factor (HGF) ameliorated pain symptoms by controlling the expression of pro-inflammatory cytokines in the dorsal root ganglion. <i>Biochemical and Biophysical Research Communications</i> , 2022, 607, 60-66.	2.1	2
53	Effective suppression of nitric oxide production by HX106N through transcriptional control of heme oxygenase-1. <i>Experimental Biology and Medicine</i> , 2015, 240, 1136-1146.	2.4	1
54	Effects of HX106N, a Water-Soluble Botanical Formulation on Scopolamine-Induced Memory Impairment in Mice. <i>The Korean Journal of Food and Nutrition</i> , 2014, 27, 673-677.	0.3	1

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55	PG201 protects mice from experimental autoimmune encephalomyelitis via suppression of effector T cell activation. <i>Phytomedicine</i> , 2018, 43, 150-157.	5.3	0
56	Hepatocyte growth factor induces pErk and pSTAT3 (Ser 727) to promote mitochondrial activity and neurite outgrowth in primary dorsal root ganglion cultures. <i>NeuroReport</i> , 2021, 32, 525-530.	1.2	0
57	Construction of plasmid DNA expressing two isoforms of IGF-1 and its effects on skeletal muscle injury models. <i>Human Gene Therapy</i> , 0, , .	2.7	0