Sunyoung Kim

List of Publications by Year
in descending order

57 papers	1,139 citations	361413 20 h-index	434195 31 g-index
57 all docs	57 docs citations	57 times ranked	1394 citing authors

#	Article	IF	Citations
1	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. Biochemical and Biophysical Research Communications, 2022, 607, 60-66.	2.1	2
2	Hepatocyte growth factor induces pErk and pSTAT3 (Ser 727) to promote mitochondrial activity and neurite outgrowth in primary dorsal root ganglion cultures. NeuroReport, 2021, 32, 525-530.	1.2	0
3	Botanical formulation, TADIOS, alleviates lipopolysaccharide (LPS)-Induced acute lung injury in mice via modulation of the Nrf2-HO-1 signaling pathway. Journal of Ethnopharmacology, 2021, 270, 113795.	4.1	19
4	Hepatocyte growth factor is necessary for efficient outgrowth of injured peripheral axons in in vitro culture system and in vivo nerve crush mouse model. Biochemistry and Biophysics Reports, 2021, 26, 100973.	1.3	5
5	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. Heliyon, 2020, 6, e04267.	3.2	2
6	Hepatocyte Growth Factor Regulates Macrophage Transition to the M2 Phenotype and Promotes Murine Skeletal Muscle Regeneration. Frontiers in Physiology, 2019, 10, 914.	2.8	50
7	Intramuscular delivery of HGF-expressing recombinant AAV improves muscle integrity and alleviates neurological symptoms in the nerve crush and SOD1-G93A transgenic mouse models. Biochemical and Biophysical Research Communications, 2019, 517, 452-457.	2.1	11
8	Water-Soluble Extract from Actinidia arguta (Siebold & Zucc.) Planch. ex Miq. and Perilla frutescens (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. Nutrients, 2019, 11, 1366.	4.1	4
9	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. Acta Neuropathologica Communications, 2019, 7, 96.	5.2	13
10	PG102 Upregulates IL-37 through p38, ERK, and Smad3 Pathways in HaCaT Keratinocytes. Mediators of Inflammation, 2019, 2019, 1-9.	3.0	12
11	PG201 protects mice from experimental autoimmune encephalomyelitis via suppression of effector T cell activation. Phytomedicine, 2018, 43, 150-157.	5.3	0
12	Dehydrodiconiferyl alcohol promotes BMP-2-induced osteoblastogenesis through its agonistic effects on estrogen receptor. Biochemical and Biophysical Research Communications, 2018, 495, 2242-2248.	2.1	19
13	Botanical Formulation HX109 Ameliorates TP-Induced Benign Prostate Hyperplasia in Rat Model and Inhibits Androgen Receptor Signaling by Upregulating Ca2+/CaMKKÎ² and ATF3 in LNCaP Cells. Nutrients, 2018, 10, 1946.	4.1	4
14	A Water-Soluble Extract from Actinidia arguta Ameliorates Psoriasis-Like Skin Inflammation in Mice by Inhibition of Neutrophil Infiltration. Nutrients, 2018, 10, 1399.	4.1	14
15	Disproportionately high levels of HGF induce the degradation of the c-met receptor through the proteasomal degradation pathway. Biochemical and Biophysical Research Communications, 2018, 505, 925-930.	2.1	3
16	Hepatocyte Growth Factor (HGF) Promotes Peripheral Nerve Regeneration by Activating Repair Schwann Cells. Scientific Reports, 2018, 8, 8316.	3.3	70
17	Effective control of neuropathic pain by transient expression of hepatocyte growth factor in a mouse chronic constriction injury model. FASEB Journal, 2018, 32, 5119-5131.	0.5	25
18	Hepatocyte Growth Factor Regulates the miR-206-HDAC4 Cascade to Control Neurogenic Muscle Atrophy following Surgical Denervation in Mice. Molecular Therapy - Nucleic Acids, 2018, 12, 568-577.	5.1	20

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19	c-Fos is necessary for HGF-mediated gene regulation and cell migration in Schwann cells. Biochemical and Biophysical Research Communications, 2018, 503, 2855-2860.	2.1	12
20	Dehydrodiconiferyl Alcohol Inhibits Osteoclast Differentiation and Ovariectomy-Induced Bone Loss through Acting as an Estrogen Receptor Agonist. Journal of Natural Products, 2018, 81, 1343-1356.	3.0	28
21	Water soluble extracts from Actinidia arguta, PG102, attenuates house dust mite-induced murine atopic dermatitis by inhibiting the mTOR pathway with Treg generation. Journal of Ethnopharmacology, 2016, 193, 96-106.	4.1	17
22	Lactobacillus pentosus KF340 alleviates house dust mite-induced murine atopic dermatitis via the secretion of IL-10-producing splenic B10 cells. Journal of Functional Foods, 2016, 26, 258-267.	3.4	5
23	Regulation of CCAAT/enhancer-binding protein (C/EBP) Î± in human-cytomegalovirus-infected fibroblasts. Archives of Virology, 2016, 161, 1151-1158.	2.1	3
24	Dehydrodiconiferyl alcohol (DHCA) modulates the differentiation of Th17 and Th1 cells and suppresses experimental autoimmune encephalomyelitis. Molecular Immunology, 2015, 68, 434-444.	2.2	14
25	Interferon-gamma inhibits the neuronal differentiation of neural progenitor cells by inhibiting the expression of Neurogenin2 via the JAK/STAT1 pathway. Biochemical and Biophysical Research Communications, 2015, 466, 52-59.	2.1	23
26	Effective suppression of proâ€inflammatory molecules by <scp>DHCA</scp> via <scp>IKKâ€NFâ€ºB</scp> pathway, in vitro and in vivo. British Journal of Pharmacology, 2015, 172, 3353-3369.	5.4	19
27	Effective suppression of nitric oxide production by HX106N through transcriptional control of heme oxygenase-1. Experimental Biology and Medicine, 2015, 240, 1136-1146.	2.4	1
28	GSK3Î², But Not GSK3Î±, Inhibits the Neuronal Differentiation of Neural Progenitor Cells As a Downstream Target of Mammalian Target of Rapamycin Complex1. Stem Cells and Development, 2014, 23, 1121-1133.	2.1	26
29	Upregulation of heme oxygenase-1 expression by dehydrodiconiferyl alcohol (DHCA) through the AMPKâ€“Nrf2 dependent pathway. Toxicology and Applied Pharmacology, 2014, 281, 87-100.	2.8	42
30	Ameliorating Effects of HX106N, a Water-Soluble Botanical Formulation, on Aβ₂₅₋₃₅-Induced Memory Impairment and Oxidative Stress in Mice. Biological and Pharmaceutical Bulletin, 2014, 37, 954-960.	1.4	21
31	Effects of HX106N, a Water-Soluble Botanical Formulation on Scopolamine-Induced Memory Impairment in Mice. The Korean Journal of Food and Nutrition, 2014, 27, 673-677.	0.3	1
32	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. Nitric Oxide - Biology and Chemistry, 2013, 33, 42-55.	2.7	7
33	Reconstitution of anti-allergic activities of PG102 derived fromActinidia argutaby combining synthetic chemical compounds. Experimental Biology and Medicine, 2013, 238, 631-640.	2.4	3
34	Dehydrodiconiferyl Alcohol Isolated from Cucurbita moschata Shows Anti-adipogenic and Anti-lipogenic Effects in 3T3-L1 Cells and Primary Mouse Embryonic Fibroblasts. Journal of Biological Chemistry, 2012, 287, 8839-8851.	3.4	38
35	Suppressive effects of PG201, an antiarthritic botanical formulation, on lipopolysaccharide-induced inflammatory mediators in Raw264.7 cells. Experimental Biology and Medicine, 2012, 237, 499-508.	2.4	11
36	The effects of PG102, a water-soluble extract from Actinidia arguta, on serum total IgE levels: a double-blind, randomized, placebo-controlled exploratory clinical study. European Journal of Nutrition, 2011, 50, 523-529.	3.9	17

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37	Enhanced cardioprotective effects by coexpression of two isoforms of hepatocyte growth factor from naked plasmid DNA in a rat ischemic heart disease model. Journal of Gene Medicine, 2011, 13, 549-555.	2.8	30
38	A phase I clinical study of naked DNA expressing two isoforms of hepatocyte growth factor to treat patients with critical limb ischemia. Journal of Gene Medicine, 2011, 13, 602-610.	2.8	43
39	Suppression of Allergic Diarrhea in Murine Ovalbumin-Induced Allergic Diarrhea Model by PG102, a Water-Soluble Extract Prepared from Actinidia arguta. International Archives of Allergy and Immunology, 2009, 150, 164-171.	2.1	20
40	Suppression of Spontaneous Dermatitis in NC/Nga Murine Model by PG102 Isolated from Actinidia arguta. Journal of Investigative Dermatology, 2007, 127, 1154-1160.	0.7	50
41	Control of cytokine gene expression by PG101, a water-soluble extract prepared from Lentinus lepideus. Biochemical and Biophysical Research Communications, 2006, 339, 880-887.	2.1	15
42	Factors affecting the performance of different long terminal repeats in the retroviral vector. Biochemical and Biophysical Research Communications, 2006, 343, 1017-1022.	2.1	10
43	Therapeutic effects of PG201, an ethanol extract from herbs, through cartilage protection on collagenase-induced arthritis in rabbits. Biochemical and Biophysical Research Communications, 2005, 331, 1469-1477.	2.1	17
44	Control of IgE and selective TH1 and TH2 cytokines by PG102 isolated from Actinidia arguta. Journal of Allergy and Clinical Immunology, 2005, 116, 1151-1157.	2.9	49
45	Nef from a primary isolate of human immunodeficiency virus type 1 lacking the EE155 region shows decreased ability to down-regulate CD4. Journal of General Virology, 2004, 85, 1451-1461.	2.9	8
46	Factors affecting retrovirus-mediated gene transfer to human CD34+ cells. Journal of Gene Medicine, 2004, 6, 724-733.	2.8	12
47	Construction of a high efficiency retroviral vector for gene therapy of Hunter's syndrome. Journal of Gene Medicine, 2003, 5, 18-29.	2.8	17
48	Construction of a retroviral vector production system with the minimum possibility of a homologous recombination. Gene Therapy, 2003, 10, 706-711.	4.5	25
49	Suppressive effects of PG201, an ethanol extract from herbs, on collagen-induced arthritis in mice. British Journal of Rheumatology, 2003, 42, 665-672.	2.3	32
50	Local Expression of Interleukin-1 Receptor Antagonist by Plasmid DNA Improves Mortality and Decreases Myocardial Inflammation in Experimental Coxsackieviral Myocarditis. Circulation, 2002, 105, 1278-1281.	1.6	69
51	Brief Comment: Stable Expression of Human Immunodeficiency Virus Type 1 Nef Confers Resistance against Fas-Mediated Apoptosis. AIDS Research and Human Retroviruses, 2001, 17, 99-104.	1.1	27
52	Reconstitution of a metabolic pathway with triple-cistronic IRES-containing retroviral vectors for correction of tetrahydrobiopterin deficiency. Journal of Gene Medicine, 2000, 2, 22-31.	2.8	14
53	Improved Expression of Vascular Endothelial Growth Factor by Naked DNA in Mouse Skeletal Muscles: Implication for Gene Therapy of Ischemic Diseases. Biochemical and Biophysical Research Communications, 2000, 272, 230-235.	2.1	51
54	Lack of negative influence on the cellular transcription factors NF-Î¹B and AP-1 by the Nef protein of human immunodeficiency virus type 1. Journal of General Virology, 1999, 80, 2951-2956.	2.9	8

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55	Prevalence of human foamy virus-related sequences in the Korean population. Journal of Biomedical Science, 1998, 5, 267-273.	7.0	12
56	Construction of Retroviral Vectors with Improved Safety, Gene Expression, and Versatility. Journal of Virology, 1998, 72, 994-1004.	3.4	69
57	Construction of plasmid DNA expressing two isoforms of IGF-1 and its effects on skeletal muscle injury models. Human Gene Therapy, 0, , .	2.7	0