

# Ho Jae Han

## List of Publications by Year in descending order

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313  
papers

10,002  
citations

34016

52  
h-index

79541

73  
g-index

320  
all docs

320  
docs citations

320  
times ranked

12951  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bee venom injection into an acupuncture point reduces arthritis associated edema and nociceptive responses. <i>Pain</i> , 2001, 90, 271-280.	2.0	219
2	Tumor Necrosis Factor- $\alpha$ Generates Reactive Oxygen Species via a Cytosolic Phospholipase A2-linked Cascade. <i>Journal of Biological Chemistry</i> , 2000, 275, 32357-32362.	1.6	212
3	Troglitazone ameliorates high glucose-induced EMT and dysfunction of SGLTs through PI3K/Akt, GSK-3 $\beta$ , Snail1, and $\beta$ -catenin in renal proximal tubule cells. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 298, F1263-F1275.	1.3	140
4	A $\beta$ -Induced Drp1 phosphorylation through Akt activation promotes excessive mitochondrial fission leading to neuronal apoptosis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 2820-2834.	1.9	137
5	The water-soluble fraction of bee venom produces antinociceptive and anti-inflammatory effects on rheumatoid arthritis in rats. <i>Life Sciences</i> , 2002, 71, 191-204.	2.0	136
6	Regulatory mechanisms of Na <sup>+</sup> /glucose cotransporters in renal proximal tubule cells. <i>Kidney International</i> , 2007, 72, S27-S35.	2.6	133
7	Intrathecal Injection of the $\delta$ 1 Receptor Antagonist BD1047 Blocks Both Mechanical Allodynia and Increases in Spinal NR1 Expression during the Induction Phase of Rodent Neuropathic Pain. <i>Anesthesiology</i> , 2008, 109, 879-889.	1.3	125
8	High glucose-induced oxidative stress inhibits Na <sup>+</sup> /glucose cotransporter activity in renal proximal tubule cells. <i>American Journal of Physiology - Renal Physiology</i> , 2005, 288, F988-F996.	1.3	111
9	ATP Stimulates Mouse Embryonic Stem Cell Proliferation via Protein Kinase C, Phosphatidylinositol 3-Kinase/Akt, and Mitogen-Activated Protein Kinase Signaling Pathways. <i>Stem Cells</i> , 2006, 24, 2637-2648.	1.4	106
10	Functional recovery after spinal cord injury in dogs treated with a combination of Matrigel and neural-induced adipose-derived mesenchymal Stem cells. <i>Cytherapy</i> , 2012, 14, 584-597.	0.3	105
11	Activation of the spinal sigma $\delta$ 1 receptor enhances NMDA-induced pain via PKC- and PKA-dependent phosphorylation of the NR1 subunit in mice. <i>British Journal of Pharmacology</i> , 2008, 154, 1125-1134.	2.7	103
12	Uric acid inhibits renal proximal tubule cell proliferation via at least two signaling pathways involving PKC, MAPK, cPLA2, and NF- $\kappa$ B. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, F373-F381.	1.3	102
13	Caveolin-1 plays important role in EGF-induced migration and proliferation of mouse embryonic stem cells: involvement of PI3K/Akt and ERK. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 297, C935-C944.	2.1	99
14	Tauroursodeoxycholic acid reduces ER stress by regulating of Akt-dependent cellular prion protein. <i>Scientific Reports</i> , 2016, 6, 39838.	1.6	97
15	Intrathecal treatment with $\delta$ 1 receptor antagonists reduces formalin-induced phosphorylation of NMDA receptor subunit 1 and the second phase of formalin test in mice. <i>British Journal of Pharmacology</i> , 2006, 148, 490-498.	2.7	91
16	High glucose inhibits renal proximal tubule cell proliferation and involves PKC, oxidative stress, and TGF- $\beta$ 1. <i>Kidney International</i> , 2001, 59, 1695-1705.	2.6	85
17	Urolithin A suppresses high glucose-induced neuronal amyloidogenesis by modulating TGM2-dependent ER-mitochondria contacts and calcium homeostasis. <i>Cell Death and Differentiation</i> , 2021, 28, 184-202.	5.0	79
18	BNIP3L/NIX-mediated mitophagy protects against glucocorticoid-induced synapse defects. <i>Nature Communications</i> , 2021, 12, 487.	5.8	79

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19	Collagen I regulates the self-renewal of mouse embryonic stem cells through $\alpha 2 \beta 1$ integrin- and DDR1-dependent Bmi-1. <i>Journal of Cellular Physiology</i> , 2011, 226, 3422-3432.	2.0	77
20	Melatonin enhances the human mesenchymal stem cells motility via melatonin receptor 2 coupling with $G_{i\alpha q}$ in skin wound healing. <i>Journal of Pineal Research</i> , 2014, 57, 393-407.	3.4	76
21	EGF stimulates proliferation of mouse embryonic stem cells: involvement of $Ca^{2+}$ influx and p44/42 MAPKs. <i>American Journal of Physiology - Cell Physiology</i> , 2006, 290, C123-C133.	2.1	75
22	High Glucose-induced O-GlcNAcylated Carbohydrate Response Element-binding Protein (ChREBP) Mediates Mesangial Cell Lipogenesis and Fibrosis. <i>Journal of Biological Chemistry</i> , 2014, 289, 13519-13530.	1.6	75
23	The Analgesic Efficacy of Bee Venom Acupuncture for Knee Osteoarthritis: A Comparative Study with Needle Acupuncture. <i>The American Journal of Chinese Medicine</i> , 2001, 29, 187-199.	1.5	74
24	Inhibition of COX-2 activity and proinflammatory cytokines (TNF- $\alpha$ and IL-1 $\beta$ ) production by water-soluble sub-fractionated parts from bee ( <i>Apis mellifera</i> ) venom. <i>Archives of Pharmacal Research</i> , 2003, 26, 383-388.	2.7	74
25	Lipid rafts play an important role for maintenance of embryonic stem cell self-renewal. <i>Journal of Lipid Research</i> , 2010, 51, 2082-2089.	2.0	74
26	Acupoint stimulation with diluted bee venom (apipuncture) alleviates thermal hyperalgesia in a rodent neuropathic pain model: Involvement of spinal $\alpha 2$ -adrenoceptors. <i>Journal of Pain</i> , 2004, 5, 297-303.	0.7	71
27	Smad, PI3K/Akt, and Wnt-Dependent Signaling Pathways Are Involved in BMP-4-Induced ESC Self-Renewal. <i>Stem Cells</i> , 2009, 27, 1858-1868.	1.4	71
28	LuxR Homologue SmcR Is Essential for <i>Vibrio vulnificus</i> Pathogenesis and Biofilm Detachment, and Its Expression is Induced by Host Cells. <i>Infection and Immunity</i> , 2013, 81, 3721-3730.	1.0	71
29	Thioredoxin-interacting protein mediates hepatic lipogenesis and inflammation via PRMT1 and PGC-1 $\beta$ regulation in vitro and in vivo. <i>Journal of Hepatology</i> , 2014, 61, 1151-1157.	1.8	71
30	l-Threonine Regulates G1/S Phase Transition of Mouse Embryonic Stem Cells via PI3K/Akt, MAPKs, and mTORC Pathways. <i>Journal of Biological Chemistry</i> , 2011, 286, 23667-23678.	1.6	70
31	Estradiol-17 $\beta$ stimulates proliferation of mouse embryonic stem cells: involvement of MAPKs and CDKs as well as protooncogenes. <i>American Journal of Physiology - Cell Physiology</i> , 2006, 290, C1067-C1075.	2.1	69
32	Sonic Hedgehog Stimulates Mouse Embryonic Stem Cell Proliferation by Cooperation of $Ca^{2+}$ /Protein Kinase C and Epidermal Growth Factor Receptor As Well as Gli1 Activation. <i>Stem Cells</i> , 2007, 25, 3069-3080.	1.4	69
33	Role of HIF-1 $\alpha$ and VEGF in human mesenchymal stem cell proliferation by 17 $\beta$ -estradiol: involvement of PKC, PI3K/Akt, and MAPKs. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 296, C317-C326.	2.1	69
34	Bee Venom Pretreatment Has Both an Antinociceptive and Anti-Inflammatory Effect on Carrageenan-Induced Inflammation.. <i>Journal of Veterinary Medical Science</i> , 2001, 63, 251-259.	0.3	65
35	Involvement of caveolin-1 in fibronectin-induced mouse embryonic stem cell proliferation: Role of FAK, RhoA, PI3K/Akt, and ERK 1/2 pathways. <i>Journal of Cellular Physiology</i> , 2011, 226, 267-275.	2.0	65
36	Intrathecal injection of carbenoxolone, a gap junction decoupler, attenuates the induction of below-level neuropathic pain after spinal cord injury in rats. <i>Experimental Neurology</i> , 2010, 224, 123-132.	2.0	64

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37	Visceral antinociception produced by bee venom stimulation of the Zhongwan acupuncture point in mice: role of $\alpha_2$ adrenoceptors. <i>Neuroscience Letters</i> , 2001, 308, 133-137.	1.0	63
38	Acetylcholine inhibits long-term hypoxia-induced apoptosis by suppressing the oxidative stress-mediated MAPKs activation as well as regulation of Bcl-2, c-IAPs, and caspase-3 in mouse embryonic stem cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2008, 13, 295-304.	2.2	63
39	High glucose regulates cyclin D1/E of human mesenchymal stem cells through TGF $\beta$ <sup>1</sup> expression via Ca <sup>2+</sup> /PKC/MAPKs and PI3K/Akt/mTOR signal pathways. <i>Journal of Cellular Physiology</i> , 2010, 224, 59-70.	2.0	63
40	Cannabinoid receptor 1 mediates palmitic acid-induced apoptosis via endoplasmic reticulum stress in human renal proximal tubular cells. <i>Journal of Cellular Physiology</i> , 2010, 225, 654-663.	2.0	63
41	Spinal neuronal NOS activation mediates sigma $\alpha_1$ receptor-induced mechanical and thermal hypersensitivity in mice: involvement of PKC-dependent GluN1 phosphorylation. <i>British Journal of Pharmacology</i> , 2011, 163, 1707-1720.	2.7	63
42	17 $\beta$ -Estradiol protects mesenchymal stem cells against high glucose-induced mitochondrial oxidants production via Nrf2/Sirt3/MnSOD signaling. <i>Free Radical Biology and Medicine</i> , 2019, 130, 328-342.	1.3	63
43	Comparison of Canine Umbilical Cord Blood-Derived Mesenchymal Stem Cell Transplantation Times: Involvement of Astrogliosis, Inflammation, Intracellular Actin Cytoskeleton Pathways, and Neurotrophin-3. <i>Cell Transplantation</i> , 2011, 20, 1867-1880.	1.2	62
44	Topical embryonic stem cells enhance wound healing in diabetic rats. <i>Journal of Orthopaedic Research</i> , 2011, 29, 1554-1562.	1.2	62
45	Ubiquitination-dependent CARM1 degradation facilitates Notch1-mediated podocyte apoptosis in diabetic nephropathy. <i>Cellular Signalling</i> , 2014, 26, 1774-1782.	1.7	60
46	BNIP3 induction by hypoxia stimulates FASN-dependent free fatty acid production enhancing therapeutic potential of umbilical cord blood-derived human mesenchymal stem cells. <i>Redox Biology</i> , 2017, 13, 426-443.	3.9	60
47	Low-frequency electroacupuncture suppresses carrageenan-induced paw inflammation in mice via sympathetic post-ganglionic neurons, while high-frequency EA suppression is mediated by the sympathoadrenal medullary axis. <i>Brain Research Bulletin</i> , 2008, 75, 698-705.	1.4	59
48	The Capability of Catabolic Utilization of <i>N</i> -Acetylneuraminic Acid, a Sialic Acid, Is Essential for <i>Vibrio vulnificus</i> Pathogenesis. <i>Infection and Immunity</i> , 2009, 77, 3209-3217.	1.0	59
49	Antinociceptive mechanisms associated with diluted bee venom acupuncture (apupuncture) in the rat formalin test: involvement of descending adrenergic and serotonergic pathways. <i>Pharmacological Research</i> , 2005, 51, 183-188.	3.1	58
50	Arachidonic acid potentiates hypoxia-induced VEGF expression in mouse embryonic stem cells: involvement of Notch, Wnt, and HIF-1 $\alpha$ . <i>American Journal of Physiology - Cell Physiology</i> , 2009, 297, C207-C216.	2.1	57
51	The Anti-Inflammatory Effects of Low- and High-Frequency Electroacupuncture Are Mediated by Peripheral Opioids in a Mouse Air Pouch Inflammation Model. <i>Journal of Alternative and Complementary Medicine</i> , 2006, 12, 39-44.	2.1	55
52	Role of FAK phosphorylation in hypoxia-induced hMSCS migration: involvement of VEGF as well as MAPKs and eNOS pathways. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 298, C847-C856.	2.1	55
53	Netrin-1 protects hypoxia-induced mitochondrial apoptosis through HSP27 expression via DCC- and integrin $\beta$ <sup>4</sup> -dependent Akt, GSK-3 $\beta$ , and HSF-1 in mesenchymal stem cells. <i>Cell Death and Disease</i> , 2013, 4, e563-e563.	2.7	54
54	Transplantation of Human Umbilical Cord Blood or Amniotic Epithelial Stem Cells Alleviates Mechanical Allodynia after Spinal Cord Injury in Rats. <i>Cell Transplantation</i> , 2013, 22, 1577-1590.	1.2	54

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55	High-glucose-induced CARM1 expression regulates apoptosis of human retinal pigment epithelial cells via histone 3 arginine 17 dimethylation: Role in diabetic retinopathy. <i>Archives of Biochemistry and Biophysics</i> , 2014, 560, 36-43.	1.4	53
56	Intrathecal Clonidine Suppresses Phosphorylation of the N-Methyl-D-Aspartate Receptor NR1 Subunit in Spinal Dorsal Horn Neurons of Rats with Neuropathic Pain. <i>Anesthesia and Analgesia</i> , 2008, 107, 693-700.	1.1	52
57	Role of hypoxia-induced fibronectin-integrin $\beta$ 1 expression in embryonic stem cell proliferation and migration: Involvement of PI3K/Akt and FAK. <i>Journal of Cellular Physiology</i> , 2011, 226, 484-493.	2.0	52
58	High glucose upregulates BACE1-mediated $A\beta$ production through ROS-dependent HIF-1 and LXRI/ABCA1-regulated lipid raft reorganization in SK-N-MC cells. <i>Scientific Reports</i> , 2016, 6, 36746.	1.6	52
59	Enhancement of high glucose-induced PINK1 expression by melatonin stimulates neuronal cell survival: Involvement of MT <sub>2</sub> /Akt/NF $\kappa$ B pathway. <i>Journal of Pineal Research</i> , 2017, 63, e12427.	3.4	52
60	Mechanism of regulation of Na <sup>+</sup> transport by angiotensin II in primary renal cells. <i>Kidney International</i> , 2000, 57, 2457-2467.	2.6	51
61	High glucose increase cell cycle regulatory proteins level of mouse embryonic stem cells via PI3-K/Akt and MAPKs signal pathways. <i>Journal of Cellular Physiology</i> , 2006, 209, 94-102.	2.0	51
62	The involvement of phosphatidylinositol 3-kinase /Akt signaling in high glucose-induced downregulation of GLUT-1 expression in ARPE cells. <i>Life Sciences</i> , 2007, 80, 626-632.	2.0	51
63	Interaction of profilin and F-actin via a $\beta$ arrestin/JNK signaling pathway involved in prostaglandin E <sub>2</sub> -induced human mesenchymal stem cells migration and proliferation. <i>Journal of Cellular Physiology</i> , 2011, 226, 559-571.	2.0	50
64	Spinal sigma-1 receptors activate NADPH oxidase 2 leading to the induction of pain hypersensitivity in mice and mechanical allodynia in neuropathic rats. <i>Pharmacological Research</i> , 2013, 74, 56-67.	3.1	49
65	Novel Pathway for Hypoxia-Induced Proliferation and Migration in Human Mesenchymal Stem Cells: Involvement of HIF-1, FASN, and mTORC1. <i>Stem Cells</i> , 2015, 33, 2182-2195.	1.4	49
66	Succinate promotes stem cell migration through the GPR91-dependent regulation of DRP1-mediated mitochondrial fission. <i>Scientific Reports</i> , 2017, 7, 12582.	1.6	49
67	Palmitic Acid-BSA enhances Amyloid- $\beta$ production through GPR40-mediated dual pathways in neuronal cells: Involvement of the Akt/mTOR/HIF-1 and Akt/NF- $\kappa$ B pathways. <i>Scientific Reports</i> , 2017, 7, 4335.	1.6	49
68	Fucoidan protects mesenchymal stem cells against oxidative stress and enhances vascular regeneration in a murine hindlimb ischemia model. <i>International Journal of Cardiology</i> , 2015, 198, 187-195.	0.8	48
69	Identification and characterization of <i>Vibrio vulnificus</i> plpA encoding a phospholipase A2 essential for pathogenesis. <i>Journal of Biological Chemistry</i> , 2017, 292, 17129-17143.	1.6	48
70	The Anti-Inflammatory Effect of Bee Venom Stimulation in a Mouse Air Pouch Model Is Mediated by Adrenal Medullary Activity. <i>Journal of Neuroendocrinology</i> , 2003, 15, 93-96.	1.2	46
71	Linoleic acid stimulates gluconeogenesis via Ca <sup>2+</sup> /PLC, cPLA <sub>2</sub> , and PPAR pathways through GPR40 in primary cultured chicken hepatocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 295, C1518-C1527.	2.1	46
72	Cannabinoid receptor 1 mediates high glucose-induced apoptosis via endoplasmic reticulum stress in primary cultured rat mesangial cells. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, F179-F188.	1.3	46

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73	Zinc chloride stimulates DNA synthesis of mouse embryonic stem cells: Involvement of PI3K/Akt, MAPKs, and mTOR. <i>Journal of Cellular Physiology</i> , 2009, 218, 558-567.	2.0	45
74	Cooperation of Epac1/Rap1/Akt and PKA in prostaglandin E <sub>2</sub> -induced proliferation of human umbilical cord blood derived mesenchymal stem cells: Involvement of c-Myc and VEGF expression. <i>Journal of Cellular Physiology</i> , 2012, 227, 3756-3767.	2.0	45
75	<i>Vibrio vulnificus</i> VvhA induces NF- $\kappa$ B-dependent mitochondrial cell death via lipid raft-mediated ROS production in intestinal epithelial cells. <i>Cell Death and Disease</i> , 2015, 6, e1655-e1655.	2.7	45
76	High-Glucose-Induced Prostaglandin E <sub>2</sub> and Peroxisome Proliferator-Activated Receptor $\gamma$ Promote Mouse Embryonic Stem Cell Proliferation. <i>Stem Cells</i> , 2008, 26, 745-755.	1.4	44
77	Microglial interleukin-1 $\beta$ in the ipsilateral dorsal horn inhibits the development of mirror-image contralateral mechanical allodynia through astrocyte activation in a rat model of inflammatory pain. <i>Pain</i> , 2015, 156, 1046-1059.	2.0	44
78	Intrathecal administration of sigma $\mu$ 1 receptor agonists facilitates nociception: Involvement of a protein kinase C-dependent pathway. <i>Journal of Neuroscience Research</i> , 2008, 86, 3644-3654.	1.3	43
79	Effect of tris-(2-chloroethyl)-phosphate (TCEP) at environmental concentration on the levels of cell cycle regulatory protein expression in primary cultured rabbit renal proximal tubule cells. <i>Chemosphere</i> , 2008, 74, 84-88.	4.2	43
80	Arachidonic acid release by H <sub>2</sub> O <sub>2</sub> mediated proliferation of mouse embryonic stem cells: Involvement of Ca <sup>2+</sup> /PKC and MAPKs-induced EGFR transactivation. <i>Journal of Cellular Biochemistry</i> , 2009, 106, 787-797.	1.2	43
81	Acupoint Stimulation With Diluted Bee Venom (Apipuncture) Potentiates the Analgesic Effect of Intrathecal Clonidine in the Rodent Formalin Test and in a Neuropathic Pain Model. <i>Journal of Pain</i> , 2009, 10, 253-263.	0.7	42
82	Arachidonic acid promotes skin wound healing through induction of human MSC migration by MT3-MMP-mediated fibronectin degradation. <i>Cell Death and Disease</i> , 2015, 6, e1750-e1750.	2.7	42
83	Inhibition of cytochrome P450 2J2 by tanshinone IIA induces apoptotic cell death in hepatocellular carcinoma HepG2 cells. <i>European Journal of Pharmacology</i> , 2015, 764, 480-488.	1.7	42
84	Sphingosine-1-phosphate-induced Flk-1 transactivation stimulates mouse embryonic stem cell proliferation through S1P1/S1P3-dependent $\beta$ -arrestin/c-Src pathways. <i>Stem Cell Research</i> , 2014, 12, 69-85.	0.3	41
85	Regulation of Stem Cell Fate by ROS-mediated Alteration of Metabolism. <i>International Journal of Stem Cells</i> , 2015, 8, 24-35.	0.8	41
86	Depletion of capsaicin sensitive afferents prevents lamina-dependent increases in spinal N-methyl-D-aspartate receptor subunit 1 expression and phosphorylation associated with thermal hyperalgesia in neuropathic rats. <i>European Journal of Pain</i> , 2008, 12, 552-563.	1.4	40
87	Virtual screening and synthesis of quinazolines as novel JAK2 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 968-977.	1.4	40
88	Amyloid $\beta$ 1-42 (A $\beta$ 1-42) Induces the CDK2-Mediated Phosphorylation of Tau through the Activation of the mTORC1 Signaling Pathway While Promoting Neuronal Cell Death. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 229.	1.4	40
89	Bee Venom Injection Significantly Reduces Nociceptive Behavior in the Mouse Formalin Test via Capsaicin-Insensitive Afferents. <i>Journal of Pain</i> , 2006, 7, 500-512.	0.7	39
90	Formaldehyde induces apoptosis through decreased Prx 2 via p38 MAPK in lung epithelial cells. <i>Toxicology</i> , 2010, 271, 100-106.	2.0	39

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91	Blockade of peripheral P2Y1 receptors prevents the induction of thermal hyperalgesia via modulation of TRPV1 expression in carrageenan-induced inflammatory pain rats: Involvement of p38 MAPK phosphorylation in DRGs. <i>Neuropharmacology</i> , 2014, 79, 368-379.	2.0	39
92	Glucosamine-Induced Sp1 O <sup>6</sup> -GlcNAcylation Ameliorates Hypoxia-Induced SGLT Dysfunction in Primary Cultured Renal Proximal Tubule Cells. <i>Journal of Cellular Physiology</i> , 2014, 229, 1557-1568.	2.0	38
93	Water soluble fraction (< 10 kDa) from bee venom reduces visceral pain behavior through spinal $\beta$ -adrenergic activity in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2005, 80, 181-187.	1.3	37
94	Linoleic Acid Induces Mouse Embryonic Stem Cell Proliferation Via Ca <sup>2+</sup> /PKC, PI3K/Akt, and MAPKs. <i>Cellular Physiology and Biochemistry</i> , 2009, 23, 053-064.	1.1	37
95	Netrin-1 Induces MMP-12-Dependent E-Cadherin Degradation Via the Distinct Activation of PKC $\delta$ and FAK/Fyn in Promoting Mesenchymal Stem Cell Motility. <i>Stem Cells and Development</i> , 2014, 23, 1870-1882.	1.1	37
96	The role of thioredoxin reductase and glutathione reductase in plumbagin-induced, reactive oxygen species-mediated apoptosis in cancer cell lines. <i>European Journal of Pharmacology</i> , 2015, 765, 384-393.	1.7	37
97	ANTINOCICEPTIVE EFFECTS OF BEE VENOM ACUPUNCTURE (APIPUNCTURE) IN RODENT ANIMAL MODELS: A COMPARATIVE STUDY OF ACUPOINT VERSUS NON-ACUPOINT STIMULATION. <i>Acupuncture and Electro-Therapeutics Research</i> , 2001, 26, 59-68.	0.0	37
98	Effect of dihydrotestosterone on hydrogen peroxide-induced apoptosis of mouse embryonic stem cells. <i>Journal of Cellular Physiology</i> , 2008, 216, 269-275.	2.0	36
99	Epinephrine increases DNA synthesis via ERK1/2s through cAMP, Ca <sup>2+</sup> /PKC, and PI3K/Akt signaling pathways in mouse embryonic stem cells. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 1407-1420.	1.2	35
100	PRMT3 Regulates Hepatic Lipogenesis Through Direct Interaction With LXR $\delta$ . <i>Diabetes</i> , 2015, 64, 60-71.	0.3	35
101	Effect of BSA-induced ER stress on SGLT protein expression levels and $\beta$ -MG uptake in renal proximal tubule cells. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, F1405-F1416.	1.3	34
102	Both mitogen activated protein kinase and the mammalian target of rapamycin modulate the development of functional renal proximal tubules in matrigel. <i>Journal of Cell Science</i> , 2004, 117, 1821-1833.	1.2	33
103	Interleukin-6 stimulates $\beta$ -MG uptake in renal proximal tubule cells: involvement of STAT3, PI3K/Akt, MAPKs, and NF- $\kappa$ B. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, F1036-F1046.	1.3	33
104	Sigma-1 receptor-mediated increase in spinal p38 MAPK phosphorylation leads to the induction of mechanical allodynia in mice and neuropathic rats. <i>Experimental Neurology</i> , 2013, 247, 383-391.	2.0	33
105	PRMT1 and PRMT4 Regulate Oxidative Stress-Induced Retinal Pigment Epithelial Cell Damage in SIRT1-Dependent and SIRT1-Independent Manners. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-9.	1.9	33
106	Ethanol-activated CaMKII signaling induces neuronal apoptosis through Drp1-mediated excessive mitochondrial fission and JNK1-dependent NLRP3 inflammasome activation. <i>Cell Communication and Signaling</i> , 2020, 18, 123.	2.7	33
107	Intrathecal neostigmine reduces the zymosan-induced inflammatory response in a mouse air pouch model via adrenomedullary activity: Involvement of spinal muscarinic type 2 receptors. <i>Neuropharmacology</i> , 2005, 49, 275-282.	2.0	32
108	A new rat model for thrombus-induced ischemic pain (TIIP); development of bilateral mechanical allodynia. <i>Pain</i> , 2008, 139, 520-532.	2.0	32

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109	Effect of arachidonic acid on hypoxia-induced IL-6 production in mouse ES cells: Involvement of MAPKs, NF- $\kappa$ B, and HIF-1 $\alpha$ . <i>Journal of Cellular Physiology</i> , 2010, 222, 574-585.	2.0	32
110	Autotaxin-LPA Axis Regulates hMSC Migration by Adherent Junction Disruption and Cytoskeletal Rearrangement Via LPAR1/3-Dependent PKC/GSK3 $\beta$ / $\beta$ -Catenin and PKC/Rho GTPase Pathways. <i>Stem Cells</i> , 2015, 33, 819-832.	1.4	32
111	Sodium butyrate inhibits high cholesterol-induced neuronal amyloidogenesis by modulating NRF2 stabilization-mediated ROS levels: involvement of NOX2 and SOD1. <i>Cell Death and Disease</i> , 2020, 11, 469.	2.7	32
112	Laminin regulates mouse embryonic stem cell migration: involvement of Epac1/Rap1 and Rac1/cdc42. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 298, C1159-C1169.	2.1	31
113	<i>Vibrio vulnificus</i> VvhA induces autophagy-related cell death through the lipid raft-dependent c-Src/NOX signaling pathway. <i>Scientific Reports</i> , 2016, 6, 27080.	1.6	31
114	Oxalate inhibits renal proximal tubule cell proliferation via oxidative stress, p38 MAPK/JNK, and cPLA2 signaling pathways. <i>American Journal of Physiology - Cell Physiology</i> , 2004, 287, C1058-C1066.	2.1	30
115	ANG II-stimulated DNA synthesis is mediated by ANG II receptor-dependent Ca <sup>2+</sup> /PKC as well as EGF receptor-dependent PI3K/Akt/mTOR/p70S6K1 signal pathways in mouse embryonic stem cells. <i>Journal of Cellular Physiology</i> , 2007, 211, 618-629.	2.0	30
116	Intrathecal injection of the neurosteroid, DHEAS, produces mechanical allodynia in mice: involvement of spinal sigma-1 and GABA <sub>A</sub> receptors. <i>British Journal of Pharmacology</i> , 2009, 157, 666-673.	2.7	30
117	Hypoxia accelerates vascular repair of endothelial colony-forming cells on ischemic injury via STAT3-BCL3 axis. <i>Stem Cell Research and Therapy</i> , 2015, 6, 139.	2.4	30
118	Oleic acid enhances the motility of umbilical cord blood derived mesenchymal stem cells through EphB2-dependent F-actin formation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 1905-1917.	1.9	30
119	Spinal sigma-1 receptor activation increases the production of d-serine in astrocytes which contributes to the development of mechanical allodynia in a mouse model of neuropathic pain. <i>Pharmacological Research</i> , 2015, 100, 353-364.	3.1	30
120	Glucocorticoid impairs mitochondrial quality control in neurons. <i>Neurobiology of Disease</i> , 2021, 152, 105301.	2.1	30
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