

Ho Jae Han

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312
papers

8,184
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48
h-index

65
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320
ext. papers

9,070
ext. citations

5.1
avg, IF

5.99
L-index

#	Paper	IF	Citations
312	Tumor necrosis factor-alpha generates reactive oxygen species via a cytosolic phospholipase A2-linked cascade. <i>Journal of Biological Chemistry</i> , 2000 , 275, 32357-62	5.4	192
311	Bee venom injection into an acupuncture point reduces arthritis associated edema and nociceptive responses. <i>Pain</i> , 2001 , 90, 271-280	8	189
310	Troglitazone ameliorates high glucose-induced EMT and dysfunction of SGLTs through PI3K/Akt, GSK-3 β /Snail1, and E-catenin in renal proximal tubule cells. <i>American Journal of Physiology - Renal Physiology</i> , 2010 , 298, F1263-75	4.3	120
309	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	6.8	115
308	Intrathecal injection of the sigma(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, 879-89	4.3	110
307	Regulatory mechanisms of Na(+)/glucose cotransporters in renal proximal tubule cells. <i>Kidney International</i> , 2007 , S27-35	9.9	109
306	High glucose-induced oxidative stress inhibits Na+/glucose cotransporter activity in renal proximal tubule cells. <i>American Journal of Physiology - Renal Physiology</i> , 2005 , 288, F988-96	4.3	104
305	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, 2637-48	5.8	98
304	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, C935-44	5.4	89
303	A β -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	4.9	88
302	Uric acid inhibits renal proximal tubule cell proliferation via at least two signaling pathways involving PKC, MAPK, cPLA2, and NF-kappaB. <i>American Journal of Physiology - Renal Physiology</i> , 2007 , 292, F373-81	4.3	87
301	Activation of the spinal sigma-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, 1125-34	8.6	86
300	Functional recovery after spinal cord injury in dogs treated with a combination of Matrigel and neural-induced adipose-derived mesenchymal Stem cells. <i>Cytotherapy</i> , 2012 , 14, 584-97	4.8	85
299	Intrathecal treatment with sigma1 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, 490-8	8.6	80
298	High glucose inhibits renal proximal tubule cell proliferation and involves PKC, oxidative stress, and TGF-beta 1. <i>Kidney International</i> , 2001 , 59, 1695-705	9.9	74
297	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, C123-33	5.4	68
296	Collagen I regulates the self-renewal of mouse embryonic stem cells through $\alpha 5 \beta 1$ integrin- and DDR1-dependent Bmi-1. <i>Journal of Cellular Physiology</i> , 2011 , 226, 3422-32	7	66

295	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, 187-99	6	65
294	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, 3069-80	5.8	64
293	Role of HIF-1alpha and VEGF in human mesenchymal stem cell proliferation by 17beta-estradiol: involvement of PKC, PI3K/Akt, and MAPKs. <i>American Journal of Physiology - Cell Physiology</i> , 2009 , 296, C317-26	5.4	63
292	Smad, PI3K/Akt, and Wnt-dependent signaling pathways are involved in BMP-4-induced ESC self-renewal. <i>Stem Cells</i> , 2009 , 27, 1858-68	5.8	61
291	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	5.2	61
290	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	5.4	60
289	Inhibition of COX-2 activity and proinflammatory cytokines (TNF-alpha and IL-1beta) production by water-soluble sub-fractionated parts from bee (<i>Apis mellifera</i>) venom. <i>Archives of Pharmacal Research</i> , 2003 , 26, 383-8	6.1	60
288	Melatonin enhances the human mesenchymal stem cells motility via melatonin receptor 2 coupling with G β in skin wound healing. <i>Journal of Pineal Research</i> , 2014 , 57, 393-407	10.4	59
287	Estradiol-17beta 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, C1067-75	5.4	59
286	Lipid rafts play an important role for maintenance of embryonic stem cell self-renewal. <i>Journal of Lipid Research</i> , 2010 , 51, 2082-9	6.3	57
285	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, 133-7	3.3	57
284	Thioredoxin-interacting protein mediates hepatic lipogenesis and inflammation via PRMT1 and PGC-1 β regulation in vitro and in vivo. <i>Journal of Hepatology</i> , 2014 , 61, 1151-7	13.4	56
283	Spinal neuronal NOS activation mediates sigma-1 receptor-induced mechanical and thermal hypersensitivity in mice: involvement of PKC-dependent GluN1 phosphorylation. <i>British Journal of Pharmacology</i> , 2011 , 163, 1707-20	8.6	56
282	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, 267-75	7	55
281	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, 23667-78	5.4	55
280	Bee venom pretreatment has both an antinociceptive and anti-inflammatory effect on carrageenan-induced inflammation. <i>Journal of Veterinary Medical Science</i> , 2001 , 63, 251-9	1.1	55
279	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, 1867-80	4	54
278	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, 123-32	5.7	54

277	The capability of catabolic utilization of N-acetylneuraminic acid, a sialic acid, is essential for <i>Vibrio vulnificus</i> pathogenesis. <i>Infection and Immunity</i> , 2009 , 77, 3209-17	3.7	54
276	Tauroursodeoxycholic acid reduces ER stress by regulating of Akt-dependent cellular prion protein. <i>Scientific Reports</i> , 2016 , 6, 39838	4.9	54
275	Topical embryonic stem cells enhance wound healing in diabetic rats. <i>Journal of Orthopaedic Research</i> , 2011 , 29, 1554-62	3.8	53
274	High glucose regulates cyclin D1/E of human mesenchymal stem cells through TGF-beta1 expression via Ca ²⁺ /PKC/MAPKs and PI3K/Akt/mTOR signal pathways. <i>Journal of Cellular Physiology</i> , 2010 , 224, 59-70	7	53
273	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, 654-63	7	53
272	Arachidonic acid potentiates hypoxia-induced VEGF expression in mouse embryonic stem cells: involvement of Notch, Wnt, and HIF-1alpha. <i>American Journal of Physiology - Cell Physiology</i> , 2009 , 297, C207-16	5.4	52
271	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, 183-8	10.2	51
270	Ubiquitination-dependent CARM1 degradation facilitates Notch1-mediated podocyte apoptosis in diabetic nephropathy. <i>Cellular Signalling</i> , 2014 , 26, 1774-82	4.9	49
269	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, C847-56	5.4	49
268	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	7	49
267	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	2.4	49
266	High glucose-induced O-GlcNAcylated carbohydrate response element-binding protein (ChREBP) mediates mesangial cell lipogenesis and fibrosis: the possible role in the development of diabetic nephropathy. <i>Journal of Biological Chemistry</i> , 2014 , 289, 13519-30	5.4	48
265	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, 3721-30	3.7	48
264	Netrin-1 protects hypoxia-induced mitochondrial apoptosis through HSP27 expression via DCC- and integrin $\beta 4$ -dependent Akt, GSK-3 β and HSF-1 in mesenchymal stem cells. <i>Cell Death and Disease</i> , 2013 , 4, e563	9.8	48
263	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	3.9	48
262	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	3.9	48
261	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	11.3	47
260	High glucose upregulates BACE1-mediated A β production through ROS-dependent HIF-1 α and LXRP/ABCA1-regulated lipid raft reorganization in SK-N-MC cells. <i>Scientific Reports</i> , 2016 , 6, 36746	4.9	46

259	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, 1577-90	4	45
258	Interaction of profilin-1 and F-actin via a β arrestin-1/JNK signaling pathway involved in prostaglandin E(2)-induced human mesenchymal stem cells migration and proliferation. <i>Journal of Cellular Physiology</i> , 2011 , 226, 559-71	7	45
257	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	4.1	44
256	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	10.2	44
255	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, 626-32	6.8	43
254	Role of hypoxia-induced fibronectin-integrin β 1 expression in embryonic stem cell proliferation and migration: Involvement of PI3K/Akt and FAK. <i>Journal of Cellular Physiology</i> , 2011 , 226, 484-93	7	42
253	High-glucose-induced prostaglandin E(2) and peroxisome proliferator-activated receptor delta promote mouse embryonic stem cell proliferation. <i>Stem Cells</i> , 2008 , 26, 745-55	5.8	42
252	Linoleic acid stimulates gluconeogenesis via Ca ²⁺ /PLC, cPLA2, and PPAR pathways through GPR40 in primary cultured chicken hepatocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2008 , 295, C1518-27	5.4	41
251	Mechanism of regulation of Na ⁺ transport by angiotensin II in primary renal cells. <i>Kidney International</i> , 2000 , 57, 2457-67	9.9	41
250	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, 187-95 ^{3,2}	3.2	40
249	Novel Pathway for Hypoxia-Induced Proliferation and Migration in Human Mesenchymal Stem Cells: Involvement of HIF-1 β /FASN, and mTORC1. <i>Stem Cells</i> , 2015 , 33, 2182-95	5.8	40
248	Cooperation of Epac1/Rap1/Akt and PKA in prostaglandin E(2) -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, 3756-67	7	40
247	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, 93-6	3.8	40
246	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, F179-88	4.3	39
245	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, 253-63	5.2	39
244	Sphingosine-1-phosphate-induced Flk-1 transactivation stimulates mouse embryonic stem cell proliferation through S1P1/S1P3-dependent β arrestin/c-Src pathways. <i>Stem Cell Research</i> , 2014 , 12, 69-85	1.6	38
243	Intrathecal administration of sigma-1 receptor agonists facilitates nociception: involvement of a protein kinase C-dependent pathway. <i>Journal of Neuroscience Research</i> , 2008 , 86, 3644-54	4.4	38
242	Enhancement of high glucose-induced PINK1 expression by melatonin stimulates neuronal cell survival: Involvement of MT /Akt/NF- κ B pathway. <i>Journal of Pineal Research</i> , 2017 , 63, e12427	10.4	38

241	Arachidonic acid release by H ₂ O ₂ mediated proliferation of mouse embryonic stem cells: involvement of Ca ²⁺ /PKC and MAPKs-induced EGFR transactivation. <i>Journal of Cellular Biochemistry</i> , 2009 , 106, 787-97	4-7	37
240	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, 552-63	3-7	37
239	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, 84-8	8.4	36
238	Virtual screening and synthesis of quinazolines as novel JAK2 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 968-77	3-4	35
237	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, 558-67	7	35
236	Water soluble fraction (. <i>Pharmacology Biochemistry and Behavior</i> , 2005 , 80, 181-7	3-9	35
235	<i>Vibrio vulnificus</i> VvhA induces NF- κ B-dependent mitochondrial cell death via lipid raft-mediated ROS production in intestinal epithelial cells. <i>Cell Death and Disease</i> , 2015 , 6, 1655	9.8	34
234	Linoleic acid induces mouse embryonic stem cell proliferation via Ca ²⁺ /PKC, PI3K/Akt, and MAPKs. <i>Cellular Physiology and Biochemistry</i> , 2009 , 23, 53-64	3-9	34
233	Bee venom injection significantly reduces nociceptive behavior in the mouse formalin test via capsaicin-insensitive afferents. <i>Journal of Pain</i> , 2006 , 7, 500-12	5-2	34
232	Microglial interleukin-1 β 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	8	33
231	Effect of BSA-induced ER stress on SGLT protein expression levels and alpha-MG uptake in renal proximal tubule cells. <i>American Journal of Physiology - Renal Physiology</i> , 2009 , 296, F1405-16	4-3	33
230	Formaldehyde induces apoptosis through decreased Prx 2 via p38 MAPK in lung epithelial cells. <i>Toxicology</i> , 2010 , 271, 100-6	4-4	33
229	Glucosamine-induced Sp1 O-GlcNAcylation ameliorates hypoxia-induced SGLT dysfunction in primary cultured renal proximal tubule cells. <i>Journal of Cellular Physiology</i> , 2014 , 229, 1557-68	7	32
228	Blockade of peripheral P2Y ₁ 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, 368-79	5-5	32
227	Effect of dihydrotestosterone on hydrogen peroxide-induced apoptosis of mouse embryonic stem cells. <i>Journal of Cellular Physiology</i> , 2008 , 216, 269-75	7	32
226	17 β 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	7,8	32
225	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	9.8	31
224	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, 384-93	5-3	31

223	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, 383-91	5.7	31
222	Laminin regulates mouse embryonic stem cell migration: involvement of Epac1/Rap1 and Rac1/cdc42. <i>American Journal of Physiology - Cell Physiology</i> , 2010 , 298, C1159-69	5.4	31
221	Epinephrine increases DNA synthesis via ERK1/2s through cAMP, Ca(2+)/PKC, and PI3K/Akt signaling pathways in mouse embryonic stem cells. <i>Journal of Cellular Biochemistry</i> , 2008 , 104, 1407-20	4.7	31
220	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	5.3	30
219	Netrin-1 induces MMP-12-dependent E-cadherin degradation via the distinct activation of PKC δ and FAK/Fyn in promoting mesenchymal stem cell motility. <i>Stem Cells and Development</i> , 2014 , 23, 1870-82	4.4	30
218	Interleukin-6 stimulates alpha-MG uptake in renal proximal tubule cells: involvement of STAT3, PI3K/Akt, MAPKs, and NF-kappaB. <i>American Journal of Physiology - Renal Physiology</i> , 2007 , 293, F1036-46	4.3	29
217	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	0.2	29
216	Succinate promotes stem cell migration through the GPR91-dependent regulation of DRP1-mediated mitochondrial fission. <i>Scientific Reports</i> , 2017 , 7, 12582	4.9	28
215	Palmitic Acid-BSA enhances Amyloid- β production through GPR40-mediated dual pathways in neuronal cells: Involvement of the Akt/mTOR/HIF-1 α and Akt/NF- κ B pathways. <i>Scientific Reports</i> , 2017 , 7, 4335	4.9	28
214	Amyloid β -42 (A β -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	6.1	28
213	Regulation of Stem Cell Fate by ROS-mediated Alteration of Metabolism. <i>International Journal of Stem Cells</i> , 2015 , 8, 24-35	3	28
212	Effect of arachidonic acid on hypoxia-induced IL-6 production in mouse ES cells: Involvement of MAPKs, NF-kappaB, and HIF-1alpha. <i>Journal of Cellular Physiology</i> , 2010 , 222, 574-85	7	28
211	PRMT3 regulates hepatic lipogenesis through direct interaction with LXR β . <i>Diabetes</i> , 2015 , 64, 60-71	0.9	27
210	Regulation of SGLT expression and localization through Epac/PKA-dependent caveolin-1 and F-actin activation in renal proximal tubule cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012 , 1823, 971-82	4.9	27
209	Intrathecal injection of the neurosteroid, DHEAS, produces mechanical allodynia in mice: involvement of spinal sigma-1 and GABA receptors. <i>British Journal of Pharmacology</i> , 2009 , 157, 666-73	8.6	27
208	A new rat model for thrombus-induced ischemic pain (TIIP); development of bilateral mechanical allodynia. <i>Pain</i> , 2008 , 139, 520-532	8	27
207	Effect of hypoxia on 2-deoxyglucose uptake and cell cycle regulatory protein expression of mouse embryonic stem cells: involvement of Ca ²⁺ /PKC, MAPKs and HIF-1alpha. <i>Cellular Physiology and Biochemistry</i> , 2007 , 19, 269-82	3.9	27
206	Substantial role of locus coeruleus-noradrenergic activation and capsaicin-insensitive primary afferent fibers in bee venom's anti-inflammatory effect. <i>Neuroscience Research</i> , 2006 , 55, 197-203	2.9	27

205	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, C1058-66	5.4	27
204	BNIP3L/NIX-mediated mitophagy protects against glucocorticoid-induced synapse defects. <i>Nature Communications</i> , 2021 , 12, 487	17.4	27
203	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, 353-64	10.2	26
202	Activation of PRMT1 and PRMT5 mediates hypoxia- and ischemia-induced apoptosis in human lung epithelial cells and the lung of miniature pigs: the role of p38 and JNK mitogen-activated protein kinases. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 440, 707-13	3.4	26
201	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, 275-82	5.5	26
200	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	12.7	26
199	Hyperglycemia induces apoptosis via CB1 activation through the decrease of FAAH 1 in retinal pigment epithelial cells. <i>Journal of Cellular Physiology</i> , 2012 , 227, 569-77	7	25
198	Delphinidin prevents hypoxia-induced mouse embryonic stem cell apoptosis through reduction of intracellular reactive oxygen species-mediated activation of JNK and NF- κ B, and Akt inhibition. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013 , 18, 811-24	5.4	25
197	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, 617919	6.7	25
196	Acid evoked thermal hyperalgesia involves peripheral P2Y1 receptor mediated TRPV1 phosphorylation in a rodent model of thrombus induced ischemic pain. <i>Molecular Pain</i> , 2014 , 10, 2	3.4	25
195	Interaction of galectin-1 with caveolae induces mouse embryonic stem cell proliferation through the Src, ERas, Akt and mTOR signaling pathways. <i>Cellular and Molecular Life Sciences</i> , 2009 , 66, 1467-78	10.3	25
194	Estradiol-17beta protects against hypoxia-induced hepatocyte injury through ER-mediated upregulation of Bcl-2 as well as ER-independent antioxidant effects. <i>Cell Research</i> , 2008 , 18, 491-9	24.7	25
193	ANG II-stimulated DNA synthesis is mediated by ANG II receptor-dependent Ca(2+)/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, 618-29	7	25
192	Effect of high or low frequency electroacupuncture on the cellular activity of catecholaminergic neurons in the brain stem. <i>Acupuncture and Electro-Therapeutics Research</i> , 2000 , 25, 27-36	0.2	25
191	Different frequencies of electroacupuncture modified the cellular activity of serotonergic neurons in brainstem. <i>The American Journal of Chinese Medicine</i> , 2000 , 28, 435-41	6	25
190	Glycerol-3-phosphate acyltransferase-1 upregulation by O-GlcNAcylation of Sp1 protects against hypoxia-induced mouse embryonic stem cell apoptosis via mTOR activation. <i>Cell Death and Disease</i> , 2016 , 7, e2158	9.8	25
189	Autotaxin-LPA axis regulates hMSC migration by adherent junction disruption and cytoskeletal rearrangement via LPAR1/3-dependent PKC/GSK3 β /E-catenin and PKC/Rho GTPase pathways. <i>Stem Cells</i> , 2015 , 33, 819-32	5.8	24
188	Midkine prevented hypoxic injury of mouse embryonic stem cells through activation of Akt and HIF-1 α via low-density lipoprotein receptor-related protein-1. <i>Journal of Cellular Physiology</i> , 2012 , 227, 1731-9	7	24

187	Identification and characterization of encoding a phospholipase A essential for pathogenesis. <i>Journal of Biological Chemistry</i> , 2017 , 292, 17129-17143	5.4	24
186	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	8.3	24
185	Laminin-111 stimulates proliferation of mouse embryonic stem cells through a reduction of gap junctional intercellular communication via RhoA-mediated Cx43 phosphorylation and dissociation of Cx43/ZO-1/drebrin complex. <i>Stem Cells and Development</i> , 2012 , 21, 2058-70	4.4	24
184	Caveolin-1 and integrin β regulate embryonic stem cell proliferation via p38 MAPK and FAK in high glucose. <i>Journal of Cellular Physiology</i> , 2011 , 226, 1850-9	7	24
183	Interaction between PGE2 and EGF receptor through MAPKs in mouse embryonic stem cell proliferation. <i>Cellular and Molecular Life Sciences</i> , 2009 , 66, 1603-16	10.3	24
182	Short-period hypoxia increases mouse embryonic stem cell proliferation through cooperation of arachidonic acid and PI3K/Akt signalling pathways. <i>Cell Proliferation</i> , 2008 , 41, 230-47	7.9	24
181	Expression of aquaporin water channels in rat vagina: potential role in vaginal lubrication. <i>Journal of Sexual Medicine</i> , 2008 , 5, 77-82	1.1	24
180	Low-frequency electroacupuncture suppresses zymosan-induced peripheral inflammation via activation of sympathetic post-ganglionic neurons. <i>Brain Research</i> , 2007 , 1148, 69-75	3.7	24
179	PKC and MAPKs pathways mediate EGF-induced stimulation of 2-deoxyglucose uptake in mouse embryonic stem cells. <i>Cellular Physiology and Biochemistry</i> , 2006 , 17, 145-58	3.9	24
178	Potential mechanisms for the enhancement of HERG K ⁺ channel function by phospholipid metabolites. <i>British Journal of Pharmacology</i> , 2004 , 141, 586-99	8.6	24
177	The mechanism of angiotensin II binding downregulation by high glucose in primary renal proximal tubule cells. <i>American Journal of Physiology - Renal Physiology</i> , 2002 , 282, F228-37	4.3	24
176	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, 1905-17	4.9	23
175	Glucosamine-induced OGT activation mediates glucose production through cleaved Notch1 and FoxO1, which coordinately contributed to the regulation of maintenance of self-renewal in mouse embryonic stem cells. <i>Stem Cells and Development</i> , 2014 , 23, 2067-79	4.4	23
174	Galectin-1 stimulates motility of human umbilical cord blood-derived mesenchymal stem cells by downregulation of smad2/3-dependent collagen 3/5 and upregulation of NF- κ B-dependent fibronectin/laminin 5 expression. <i>Cell Death and Disease</i> , 2014 , 5, e1049	9.8	23
173	PKA and cAMP stimulate proliferation of mouse embryonic stem cells by elevating GLUT1 expression mediated by the NF- κ B and CREB/CBP signaling pathways. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012 , 1820, 1636-46	4	23
172	Dopamine regulates cell cycle regulatory proteins via cAMP, Ca(2+)/PKC, MAPKs, and NF-kappaB in mouse embryonic stem cells. <i>Journal of Cellular Physiology</i> , 2006 , 208, 399-406	7	23
171	High glucose down-regulates angiotensin II binding via the PKC-MAPK-cPLA2 signal cascade in renal proximal tubule cells. <i>Kidney International</i> , 2002 , 61, 913-25	9.9	23
170	Estradiol-17beta-BSA stimulates Ca(2+) uptake through nongenomic pathways in primary rabbit kidney proximal tubule cells: involvement of cAMP and PKC. <i>Journal of Cellular Physiology</i> , 2000 , 183, 37-44	7	23

169	A potential role for caveolin-1 in estradiol-17beta-induced proliferation of mouse embryonic stem cells: involvement of Src, PI3K/Akt, and MAPKs pathways. <i>International Journal of Biochemistry and Cell Biology</i> , 2009 , 41, 659-65	5.6	22
168	Role of ATP in DNA synthesis of renal proximal tubule cells: involvement of calcium, MAPKs, and CDKs. <i>American Journal of Physiology - Renal Physiology</i> , 2006 , 291, F98-106	4.3	22
167	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, 1821-33 ^{5:3}	5.3	22
166	Fucoidan improves bioactivity and vasculogenic potential of mesenchymal stem cells in murine hind limb ischemia associated with chronic kidney disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2016 , 97, 169-79	5.8	22
165	Vibrio vulnificus VvhA induces autophagy-related cell death through the lipid raft-dependent c-Src/NOX signaling pathway. <i>Scientific Reports</i> , 2016 , 6, 27080	4.9	21
164	Involvement of β -integrin via PIP complex and FAK/paxillin in dexamethasone-induced human mesenchymal stem cells migration. <i>Journal of Cellular Physiology</i> , 2011 , 226, 683-92	7	21
163	ATP stimulates Na ⁺ -glucose cotransporter activity via cAMP and p38 MAPK in renal proximal tubule cells. <i>American Journal of Physiology - Cell Physiology</i> , 2005 , 289, C1268-76	5.4	21
162	Vibrio vulnificus VvpE Stimulates IL-1 β Production by the Hypomethylation of the IL-1 β Promoter and NF- κ B Activation via Lipid Raft-Dependent ANXA2 Recruitment and Reactive Oxygen Species Signaling in Intestinal Epithelial Cells. <i>Journal of Immunology</i> , 2015 , 195, 2282-93	5.3	20
161	Reactive oxygen species induce MMP12-dependent degradation of collagen 5 and fibronectin to promote the motility of human umbilical cord-derived mesenchymal stem cells. <i>British Journal of Pharmacology</i> , 2014 , 171, 3283-97	8.6	20
160	Glucosamine-induced reduction of integrin β and plectin complex stimulates migration and proliferation in mouse embryonic stem cells. <i>Stem Cells and Development</i> , 2013 , 22, 2975-89	4.4	20
159	PPAR δ agonist-mediated ROS stimulates mouse embryonic stem cell proliferation through cooperation of p38 MAPK and Wnt/ β -catenin. <i>Cell Cycle</i> , 2009 , 8, 611-9	4.7	20
158	The classical and a non-classical pathways associated with NF-kappaB are involved in estrogen-mediated regulation of calbindin-D9k gene in rat pituitary cells. <i>Molecular and Cellular Endocrinology</i> , 2007 , 277, 42-50	4.4	20
157	Effect of adenosine triphosphate in renal ischemic injury: involvement of NF-kappaB. <i>Journal of Cellular Physiology</i> , 2005 , 204, 792-9	7	20
156	Effect of adenosine triphosphate on phosphate uptake in renal proximal tubule cells: involvement of PKC and p38 MAPK. <i>Journal of Cellular Physiology</i> , 2005 , 205, 68-76	7	20
155	VvpE mediates the intestinal colonization of Vibrio vulnificus by the disruption of tight junctions. <i>International Journal of Medical Microbiology</i> , 2016 , 306, 10-9	3.7	19
154	EphB2 signaling-mediated Sirt3 expression reduces MSC senescence by maintaining mitochondrial ROS homeostasis. <i>Free Radical Biology and Medicine</i> , 2017 , 110, 368-380	7.8	19
153	Peripheral bee venom's anti-inflammatory effect involves activation of the coeruleospinal pathway and sympathetic preganglionic neurons. <i>Neuroscience Research</i> , 2007 , 59, 51-9	2.9	19
152	Influence of ovarian hyperstimulation and ovulation induction on the cytoskeletal dynamics and developmental competence of oocytes. <i>Molecular Reproduction and Development</i> , 2006 , 73, 1022-33	2.6	19

151	The anti-arthritic effect of ursolic acid on zymosan-induced acute inflammation and adjuvant-induced chronic arthritis models. <i>Journal of Pharmacy and Pharmacology</i> , 2008 , 60, 1347-54	4.8	19
150	Glucocorticoid-mediated ER-mitochondria contacts reduce AMPA receptor and mitochondria trafficking into cell terminus via microtubule destabilization. <i>Cell Death and Disease</i> , 2018 , 9, 1137	9.8	19
149	Bee venom acupoint stimulation increases Fos expression in catecholaminergic neurons in the rat brain. <i>Molecules and Cells</i> , 2004 , 17, 329-33	3.5	19
148	C(16)-Ceramide-induced F-actin regulation stimulates mouse embryonic stem cell migration: involvement of N-WASP/Cdc42/Arp2/3 complex and cofilin-1/actinin. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013 , 1831, 350-60	5	18
147	Effect of leukotriene D4 on mouse embryonic stem cell migration and proliferation: involvement of PI3K/Akt as well as GSK-3 β /catenin signaling pathways. <i>Journal of Cellular Biochemistry</i> , 2010 , 111, 686-98	4.7	18
146	Bee venom injection produces a peripheral anti-inflammatory effect by activation of a nitric oxide-dependent spinocoeruleus pathway. <i>Neuroscience Letters</i> , 2008 , 430, 163-8	3.3	18
145	Improved establishment of autologous stem cells derived from preantral follicle culture and oocyte parthenogenesis. <i>Stem Cells and Development</i> , 2008 , 17, 695-712	4.4	18
144	Signaling cascade of ANG II-induced inhibition of alpha-MG uptake in renal proximal tubule cells. <i>American Journal of Physiology - Renal Physiology</i> , 2004 , 286, F634-42	4.3	18
143	The anti-inflammatory effect of peripheral bee venom stimulation is mediated by central muscarinic type 2 receptors and activation of sympathetic preganglionic neurons. <i>Brain Research</i> , 2005 , 1049, 210-6	3.7	18
142	Glutamine contributes to maintenance of mouse embryonic stem cell self-renewal through PKC-dependent downregulation of HDAC1 and DNMT1/3a. <i>Cell Cycle</i> , 2015 , 14, 3292-305	4.7	17
141	Membrane-Associated Effects of Glucocorticoid on BACE1 Upregulation and A β Generation: Involvement of Lipid Raft-Mediated CREB Activation. <i>Journal of Neuroscience</i> , 2017 , 37, 8459-8476	6.6	17
140	<i>Vibrio vulnificus</i> VvpE inhibits mucin 2 expression by hypermethylation via lipid raft-mediated ROS signaling in intestinal epithelial cells. <i>Cell Death and Disease</i> , 2015 , 6, e1787	9.8	17
139	Peripheral acid-sensing ion channels and P2X receptors contribute to mechanical allodynia in a rodent thrombus-induced ischemic pain model. <i>Journal of Pain</i> , 2010 , 11, 718-27	5.2	17
138	Effect of protopanaxadiol derivatives in high glucose-induced fibronectin expression in primary cultured rat mesangial cells: role of mitogen-activated protein kinases and Akt. <i>Archives of Pharmacol Research</i> , 2010 , 33, 151-7	6.1	17
137	Albumin-stimulated DNA synthesis is mediated by Ca ²⁺ /PKC as well as EGF receptor-dependent p44/42 MAPK and NF-kappaB signal pathways in renal proximal tubule cells. <i>American Journal of Physiology - Renal Physiology</i> , 2008 , 294, F534-41	4.3	17
136	L-leucine increases [3H]-thymidine incorporation in chicken hepatocytes: involvement of the PKC, PI3K/Akt, ERK1/2, and mTOR signaling pathways. <i>Journal of Cellular Biochemistry</i> , 2008 , 105, 1410-9	4.7	17
135	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	9.8	16
134	EGF-induced inhibition of glucose transport is mediated by PKC and MAPK signal pathways in primary cultured chicken hepatocytes. <i>American Journal of Physiology - Renal Physiology</i> , 2006 , 291, G744-50	5.1	16

133	Fibronectin-induced VEGF receptor and calcium channel transactivation stimulate GLUT-1 synthesis and trafficking through PPAR α and TC10 in mouse embryonic stem cells. <i>Stem Cell Research</i> , 2013 , 10, 371-86	1.6	15
132	Relationship Between β Amyloid and Mitochondrial Dynamics. <i>Cellular and Molecular Neurobiology</i> , 2017 , 37, 955-968	4.6	15
131	Fibronectin stimulates migration through lipid raft dependent NHE-1 activation in mouse embryonic stem cells: involvement of RhoA, Ca(2+)/CaM, and ERK. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012 , 1820, 1618-27	4	15
130	Activation of spinal alpha-2 adrenoceptors, but not mu-opioid receptors, reduces the intrathecal N-methyl-D-aspartate-induced increase in spinal NR1 subunit phosphorylation and nociceptive behaviors in the rat. <i>Anesthesia and Analgesia</i> , 2010 , 110, 622-9	3.9	15
129	Effects of TCDD and estradiol-17beta on the proliferation and Na ⁺ /glucose cotransporter in renal proximal tubule cells. <i>Toxicology in Vitro</i> , 2005 , 19, 21-30	3.6	15
128	High glucose inhibits fructose uptake in renal proximal tubule cells: involvement of cAMP, PLC/PKC, p44/42 MAPK, and cPLA2. <i>Journal of Cellular Physiology</i> , 2004 , 200, 407-16	7	15
127	Sonic hedgehog increases the skin wound-healing ability of mouse embryonic stem cells through the microRNA 200 family. <i>British Journal of Pharmacology</i> , 2015 , 172, 815-28	8.6	14
126	Netrin-1-Induced Stem Cell Bioactivity Contributes to the Regeneration of Injured Tissues via the Lipid Raft-Dependent Integrin β 4 Signaling Pathway. <i>Scientific Reports</i> , 2016 , 6, 37526	4.9	14
125	A VvpM Induces IL-1 β Production Coupled with Necrotic Macrophage Death via Distinct Spatial Targeting by ANXA2. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 352	5.9	14
124	Fibronectin synthesis by high glucose level mediated proliferation of mouse embryonic stem cells: Involvement of ANG II and TGF-beta1. <i>Journal of Cellular Physiology</i> , 2010 , 223, 397-407	7	14
123	Role of interleukin-6 in the control of DNA synthesis of hepatocytes: involvement of PKC, p44/42 MAPKs, and PPARdelta. <i>Cellular Physiology and Biochemistry</i> , 2008 , 22, 673-84	3.9	14
122	Effect of dihydrotestosterone on mouse embryonic stem cells exposed to H2O2-induced oxidative stress. <i>Journal of Veterinary Science</i> , 2008 , 9, 247-56	1.6	14
121	Synergistic effect of high glucose and ANG II on proliferation of mouse embryonic stem cells: involvement of PKC and MAPKs as well as AT1 receptor. <i>Journal of Cellular Physiology</i> , 2008 , 215, 374-82	7	14
120	Extracellular adenosine triphosphate protects oxidative stress-induced increase of p21(WAF1/Cip1) and p27(Kip1) expression in primary cultured renal proximal tubule cells: role of PI3K and Akt signaling. <i>Journal of Cellular Physiology</i> , 2006 , 209, 802-10	7	14
119	Tissue-specific regulation of insulin-like growth factors and insulin-like growth factor binding proteins in male diabetic rats in vivo and in vitro. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2006 , 33, 1172-9	3	14
118	Effect of bee venom and its melittin on apical transporters of renal proximal tubule cells. <i>Kidney and Blood Pressure Research</i> , 2000 , 23, 393-9	3.1	14
117	High glucose-induced inhibition of alpha-methyl-D-glucopyranoside uptake is mediated by protein kinase C-dependent activation of arachidonic acid release in primary cultured rabbit renal proximal tubule cells. <i>Journal of Cellular Physiology</i> , 2000 , 183, 355-63	7	14
116	Role of HIF1 Regulatory Factors in Stem Cells. <i>International Journal of Stem Cells</i> , 2019 , 12, 8-20	3	14

115	Dopamine stimulates 45Ca^{2+} uptake through cAMP, PLC/PKC, and MAPKs in renal proximal tubule cells. <i>Journal of Cellular Physiology</i> , 2007 , 211, 486-94	7	13
114	High glucose induced translocation of Aquaporin8 to chicken hepatocyte plasma membrane: involvement of cAMP, PI3K/Akt, PKC, MAPKs, and microtubule. <i>Journal of Cellular Biochemistry</i> , 2008 , 103, 1089-100	4.7	13
113	Adenosine triphosphate synthesis, mitochondrial number and activity, and pyruvate uptake in oocytes after gonadotropin injections. <i>Fertility and Sterility</i> , 2006 , 86, 1164-9	4.8	13
112	Alteration of the gene and protein levels of insulin-like growth factors in streptozotocin-induced diabetic male rats. <i>Journal of Veterinary Medical Science</i> , 2006 , 68, 413-9	1.1	13
111	High glucose stimulates Ca^{2+} uptake via cAMP and PLC/PKC pathways in primary cultured renal proximal tubule cells. <i>Kidney and Blood Pressure Research</i> , 2001 , 24, 10-7	3.1	13
110	Melatonin inhibits apoptotic cell death induced by <i>Vibrio vulnificus</i> VvhA via melatonin receptor 2 coupling with NCF-1. <i>Cell Death and Disease</i> , 2018 , 9, 48	9.8	12
109	Involvement of Cx43 phosphorylation in 5'-N-ethylcarboxamide-induced migration and proliferation of mouse embryonic stem cells. <i>Journal of Cellular Physiology</i> , 2010 , 224, 187-94	7	12
108	Bradykinin stimulates glutamate uptake via both B1R and B2R activation in a human retinal pigment epithelial cells. <i>Life Sciences</i> , 2008 , 83, 761-70	6.8	12
107	A potential mechanism for short time exposure to hypoxia-induced DNA synthesis in primary cultured chicken hepatocytes: Correlation between Ca^{2+} /PKC/MAPKs and PI3K/Akt/mTOR. <i>Journal of Cellular Biochemistry</i> , 2008 , 104, 1598-611	4.7	12
106	Insulin stimulates Ca^{2+} uptake via PKC, cAMP, and p38 MAPK in mouse embryonic stem cells. <i>Life Sciences</i> , 2005 , 76, 2903-19	6.8	12
105	ANG II increases 2-deoxyglucose uptake in mouse embryonic stem cells. <i>Life Sciences</i> , 2005 , 77, 1916-33	6.8	12
104	Intrathecal clonidine suppresses zymosan-induced peripheral leukocyte migration in a mouse air pouch model via activation of spinal muscarinic type 2 receptors and sympathoadrenal medullary activity. <i>Neuropharmacology</i> , 2006 , 51, 829-37	5.5	12
103	High glucose-induced inhibition of 2-deoxyglucose uptake is mediated by cAMP, protein kinase C, oxidative stress and mitogen-activated protein kinases in mouse embryonic stem cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2006 , 33, 211-20	3	12
102	Effect of albumin on ^{14}C -alpha-Methyl-D-Glucopyranoside uptake in primary cultured renal proximal tubule cells: involvement of PLC, MAPK, and NF-kappaB. <i>Journal of Cellular Physiology</i> , 2005 , 202, 246-54	7	12
101	Protopanaxatriol ginsenosides inhibit glucose uptake in primary cultured rabbit renal proximal tubular cells by arachidonic acid release. <i>Kidney and Blood Pressure Research</i> , 1999 , 22, 114-20	3.1	12
100	BICD1 mediates HIF1 β nuclear translocation in mesenchymal stem cells during hypoxia adaptation. <i>Cell Death and Differentiation</i> , 2019 , 26, 1716-1734	12.7	12
99	cAMP Promotes Cell Migration Through Cell Junctional Complex Dynamics and Actin Cytoskeleton Remodeling: Implications in Skin Wound Healing. <i>Stem Cells and Development</i> , 2015 , 24, 2513-24	4.4	11
98	High Glucose-Induced Reactive Oxygen Species Stimulates Human Mesenchymal Stem Cell Migration Through Snail and EZH2-Dependent E-Cadherin Repression. <i>Cellular Physiology and Biochemistry</i> , 2018 , 46, 1749-1767	3.9	11

97	Prostaglandin E ₂ maintains mouse ESC undifferentiated state through regulation of connexin31, connexin43 and connexin45 expression: involvement of glycogen synthase kinase 3 β /catenin. <i>Biology of the Cell</i> , 2012 , 104, 378-96	3.5	11
96	Lipotoxicity-Induced PRMT1 Exacerbates Mesangial Cell Apoptosis via Endoplasmic Reticulum Stress. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	11
95	Mechanism of PKA-dependent and lipid-raft independent stimulation of Connexin43 expression by oxytoxin in mouse embryonic stem cells. <i>Molecular Endocrinology</i> , 2012 , 26, 1144-57		11
94	The role of proximal nephron in cyclophosphamide-induced water retention: preliminary data. <i>Electrolyte and Blood Pressure</i> , 2011 , 9, 7-15	1.1	11
93	Response of primary rabbit kidney proximal tubule cells to estrogens. <i>Journal of Cellular Physiology</i> , 1999 , 178, 35-43	7	11
92	Role of peripheral sigma-1 receptors in ischaemic pain: Potential interactions with ASIC and P2X receptors. <i>European Journal of Pain</i> , 2016 , 20, 594-606	3.7	10
91	Ethanol-induced PGE up-regulates A β production through PKA/CREB signaling pathway. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017 , 1863, 2942-2953	6.9	10
90	Protective effect of butylated hydroxyanisole against hydrogen peroxide-induced apoptosis in primary cultured mouse hepatocytes. <i>Journal of Veterinary Science</i> , 2015 , 16, 17-23	1.6	10
89	Protective effect of dieckol against chemical hypoxia-induced cytotoxicity in primary cultured mouse hepatocytes. <i>Drug and Chemical Toxicology</i> , 2015 , 38, 180-7	2.3	10
88	Rapid actions of plasma membrane estrogen receptors regulate motility of mouse embryonic stem cells through a profilin-1/cofilin-1-directed kinase signaling pathway. <i>Molecular Endocrinology</i> , 2012 , 26, 1291-303		10
87	Proapoptotic effect of a micropollutant (tris-(2-chloroethyl)-phosphate) at environmental level in primary cultured renal proximal tubule cells. <i>Journal of Water and Health</i> , 2012 , 10, 522-30	2.2	10
86	Glypican 3 binds to GLUT1 and decreases glucose transport activity in hepatocellular carcinoma cells. <i>Journal of Cellular Biochemistry</i> , 2010 , 111, 1252-9	4.7	10
85	Comparative analysis of heart functions in micropigs and conventional pigs using echocardiography and radiography. <i>Journal of Veterinary Science</i> , 2007 , 8, 7-14	1.6	10
84	Hydrogen peroxide increases [3H]-2-deoxyglucose uptake via MAPKs, cPLA2, and NF-kappaB signaling pathways in mouse embryonic stem cells. <i>Cellular Physiology and Biochemistry</i> , 2007 , 20, 1007-18	3.9	10
83	Effect of various oestrogens on cell injury and alteration of apical transporters induced by tert-butyl hydroperoxide in renal proximal tubule cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2002 , 29, 60-7	3	10
82	Involvement of NF-kappaB in high glucose-induced alteration of alpha-methyl-D-glucopyranoside (alpha-MG) uptake in renal proximal tubule cells. <i>Cellular Physiology and Biochemistry</i> , 2003 , 13, 375-84	3.9	10
81	Effect of 7-nitroindazole, a selective neuronal nitric oxide synthase inhibitor, on parvalbumin immunoreactivity after cerebral ischaemia in the hippocampus of the Mongolian gerbil. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 1999 , 28, 325-9	1.1	10
80	Insulin-induced CARM1 upregulation facilitates hepatocyte proliferation. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 461, 568-74	3.4	9

79	5'-N-ethylcarboxamide induces IL-6 expression via MAPKs and NF-kappaB activation through Akt, Ca(2+)/PKC, cAMP signaling pathways in mouse embryonic stem cells. <i>Journal of Cellular Physiology</i> , 2009 , 219, 752-9	7	9
78	Both B1R and B2R act as intermediate signaling molecules in high glucose-induced stimulation of glutamate uptake in ARPE cells. <i>Journal of Cellular Physiology</i> , 2009 , 221, 677-87	7	9
77	Galectin-1 upregulates glucose transporter-1 expression level via protein kinase C, phosphoinositol-3 kinase, and mammalian target of rapamycin pathways in mouse embryonic stem cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2008 , 40, 2421-30	5.6	9
76	Imaging evaluation of the liver using multi-detector row computed tomography in micropigs as potential living liver donors. <i>Journal of Veterinary Science</i> , 2009 , 10, 93-8	1.6	9
75	Effect of epinephrine on alpha-methyl-D-glucopyranoside uptake in renal proximal tubule cells. <i>Cellular Physiology and Biochemistry</i> , 2004 , 14, 395-406	3.9	9
74	Estradiol-17beta stimulates phosphate uptake and is mitogenic for primary rabbit renal proximal tubule cells. <i>Nephron Experimental Nephrology</i> , 2002 , 10, 355-64		9
73	Involvement of oxidative stress in bee venom-induced inhibition of Na+/glucose cotransporter in renal proximal tubule cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2002 , 29, 564-8	3	9
72	A signaling pathway for stimulation of Na+ uptake induced by angiotensin II in primary cultured rabbit renal proximal tubule cells. <i>Journal of Veterinary Medical Science</i> , 1999 , 61, 135-41	1.1	9
71	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	7.5	9
70	A simple metastatic brain cancer model using human embryonic stem cell-derived cerebral organoids. <i>FASEB Journal</i> , 2020 , 34, 16464-16475	0.9	9
69	Role of cytochrome P450 2J2 on cell proliferation and resistance to an anticancer agent in hepatocellular carcinoma HepG2 cells. <i>Oncology Letters</i> , 2017 , 14, 5484-5490	2.6	8
68	A potential role of knockout serum replacement as a porcine follicular fluid substitute for in vitro maturation: Lipid metabolism approach. <i>Journal of Cellular Physiology</i> , 2018 , 233, 6984-6995	7	8
67	Rosmarinic acid inhibits chemical hypoxia-induced cytotoxicity in primary cultured rat hepatocytes. <i>Archives of Pharmacal Research</i> , 2014 , 37, 907-15	6.1	8
66	The ER stress-mediated decrease in DDAH1 expression is involved in formaldehyde-induced apoptosis in lung epithelial cells. <i>Food and Chemical Toxicology</i> , 2013 , 62, 763-9	4.7	8
65	Transformation of somatic cells into stem cell-like cells under a stromal niche. <i>FASEB Journal</i> , 2013 , 27, 2644-56	0.9	8
64	Ginsenosides inhibit EGF-induced proliferation of renal proximal tubule cells via decrease of c-fos and c-jun gene expression in vitro. <i>Planta Medica</i> , 2002 , 68, 971-4	3.1	8
63	Transcriptomic Identification and Biochemical Characterization of HmpA, a Nitric Oxide Dioxygenase, Essential for Pathogenesis of. <i>Frontiers in Microbiology</i> , 2019 , 10, 2208	5.7	7
62	Small-molecule inhibitor of HlyU attenuates virulence of <i>Vibrio</i> species. <i>Scientific Reports</i> , 2019 , 9, 4346	4.9	7

61	Altering histone acetylation status in donor cells with suberoylanilide hydroxamic acid does not affect dog cloning efficiency. <i>Theriogenology</i> , 2015 , 84, 1256-61	2.8	7
60	Interleukin-6 promotes 2-deoxyglucose uptake through p44/42 MAPKs activation via Ca ²⁺ /PKC and EGF receptor in primary cultured chicken hepatocytes. <i>Journal of Cellular Physiology</i> , 2009 , 218, 643-52	7	7
59	Effect of EGF on [3H]-thymidine incorporation and cell cycle regulatory proteins in primary cultured chicken hepatocytes: Involvement of Ca ²⁺ /PKC and MAPKs. <i>Journal of Cellular Biochemistry</i> , 2006 , 99, 1677-87	4.7	7
58	Epidermal growth factor inhibits 14C-alpha-methyl-D-glucopyranoside uptake in renal proximal tubule cells: involvement of PLC/PKC, p44/42 MAPK, and cPLA2. <i>Journal of Cellular Physiology</i> , 2004 , 199, 206-16	7	7
57	Clonal analysis of immortalized renal proximal tubule cells: Na(+)/glucose cotransport system levels are maintained despite a decline in transport function. <i>Experimental Cell Research</i> , 2002 , 281, 205-12	4.2	7
56	Regulatory mechanisms of Na/Pi cotransporter by glucocorticoid in renal proximal tubule cells: involvement of cAMP and PKC. <i>Kidney and Blood Pressure Research</i> , 2000 , 23, 1-9	3.1	7
55	Effects of sex hormones on Na ⁺ /glucose cotransporter of renal proximal tubular cells following oxidant injury. <i>Kidney and Blood Pressure Research</i> , 2001 , 24, 159-65	3.1	7
54	Purification of small molecule-induced cardiomyocytes from human induced pluripotent stem cells using a reporter system. <i>Journal of Cellular Physiology</i> , 2017 , 232, 3384-3395	7	6
53	Modulation of sonic hedgehog-induced mouse embryonic stem cell behaviours through E-cadherin expression and integrin β -dependent F-actin formation. <i>British Journal of Pharmacology</i> , 2018 , 175, 3548-3562	8.6	6
52	Influence of somatic cell donor breed on reproductive performance and comparison of prenatal growth in cloned canines. <i>Theriogenology</i> , 2014 , 81, 1207-13.e1	2.8	6
51	Blockade of Adrenal Medulla-Derived Epinephrine Potentiates Bee Venom-Induced Antinociception in the Mouse Formalin Test: Involvement of Peripheral β -Adrenoceptors. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 809062	2.3	6
50	The effect of environmental micropollutant (DEET) on the expression of cell cycle and apoptosis regulatory proteins in human cells. <i>Biotechnology and Bioprocess Engineering</i> , 2011 , 16, 400-406	3.1	6
49	Role of laminin-111 in neurotrophin-3 production of canine adipose-derived stem cells: involvement of Akt, mTOR, and p70S6K. <i>Journal of Cellular Physiology</i> , 2011 , 226, 3251-60	7	6
48	Regulation of DNA synthesis in mouse embryonic stem cells by transforming growth factor-alpha: involvement of the PI3-K/Akt and Notch/Wnt signaling pathways. <i>Growth Factors</i> , 2008 , 26, 104-16	1.6	6
47	Comparison of cardiac function and coronary angiography between conventional pigs and micropigs as measured by multidetector row computed tomography. <i>Journal of Veterinary Science</i> , 2008 , 9, 121-6	1.6	6
46	The water-soluble fraction (. <i>Kidney and Blood Pressure Research</i> , 2002 , 25, 375-83	3.1	6
45	Regulation of Phosphate Uptake in Primary Cultured Rabbit Renal Proximal Tubule Cells by Glucocorticoids: Evidence for Nongenomic as Well as Genomic Mechanisms*This work was supported by grants awarded to Dr. H. J. Han from Korea Science and Engineering Foundation (KOSEF 971-0605-0362, HRC 1998G0301).		6
44	Highly elevated base excision repair pathway in primordial germ cells causes low base editing activity in chickens. <i>FASEB Journal</i> , 2020 , 34, 15907-15921	0.9	6

43	Glucocorticoid impairs mitochondrial quality control in neurons. <i>Neurobiology of Disease</i> , 2021 , 152, 1053-1061	3.5	6
42	O-cyclic phytosphingosine-1-phosphate stimulates HIF1 α -dependent glycolytic reprogramming to enhance the therapeutic potential of mesenchymal stem cells. <i>Cell Death and Disease</i> , 2019 , 10, 590	9.8	5
41	Cellular effect evaluation of micropollutants using transporter functions of renal proximal tubule cells. <i>Chemosphere</i> , 2009 , 77, 968-74	8.4	5
40	Effect of EGF on H ₂ O ₂ -induced inhibition of alpha-MG uptake in renal proximal tubule cells: involvement of MAPK and AA release. <i>Journal of Cellular Physiology</i> , 2005 , 203, 217-25	7	5
39	High glucose levels alter angiotensin II-induced Ca ²⁺ uptake via PKC and cAMP pathways in renal proximal tubular cells. <i>Kidney and Blood Pressure Research</i> , 2001 , 24, 84-91	3.1	5
38	Effect of caffeic acid on apical transporters' dysfunction of renal proximal tubule cells under oxidative stress in vitro. <i>Planta Medica</i> , 2002 , 68, 483-6	3.1	5
37	Grass carp (<i>Ctenopharyngodon idellus</i>) bile may inhibit the release of renal dipeptidase from the proximal tubules by nitric oxide generation. <i>Kidney and Blood Pressure Research</i> , 2000 , 23, 113-8	3.1	5
36	Leukotriene D ₄ inhibits Na ⁺ uptake through cAMP and PLC pathways in primary cultured renal proximal tubular cells. <i>Kidney and Blood Pressure Research</i> , 1999 , 22, 106-13	3.1	5
35	Comparative Analysis of Tissue and Cell Cycle on the Far Eastern Catfish, between Diploid and Triploid. <i>Development & Reproduction</i> , 2017 , 21, 193-204	1.1	5
34	Role of Peroxisome Proliferator-Activated Receptor (PPAR) γ in Embryonic Stem Cell Proliferation. <i>International Journal of Stem Cells</i> , 2009 , 2, 28-34	3	5
33	Melatonin restores Muc2 depletion induced by <i>V. vulnificus</i> VvpM via melatonin receptor 2 coupling with G β . <i>Journal of Biomedical Science</i> , 2020 , 27, 21	13.3	5
32	Response of primary rabbit kidney proximal tubule cells to estrogens 1999 , 178, 35		5
31	Suppression of adrenal gland-derived epinephrine enhances the corticosterone-induced antinociceptive effect in the mouse formalin test. <i>European Journal of Pain</i> , 2014 , 18, 617-28	3.7	4
30	Effect of ATP on Ca ²⁺ uptake in the presence of high glucose in renal proximal tubule cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2003 , 30, 694-701	3	4
29	Regulatory mechanism of polarized membrane transport by glucocorticoid in renal proximal tubule cells: involvement of [Ca ²⁺] _i . <i>Journal of Veterinary Medical Science</i> , 1999 , 61, 1197-202	1.1	4
28	Effects of dizocilpine pretreatment on parvalbumin immunoreactivity and Fos expression after cerebral ischemia in the hippocampus of the Mongolian gerbil. <i>Journal of Veterinary Medical Science</i> , 2000 , 62, 141-6	1.1	4
27	Avian blastoderm dormancy arrests cells in G ₁ and suppresses apoptosis. <i>FASEB Journal</i> , 2017 , 31, 3240-3250	3.5	3
26	Proteomic approach to detect changes in hippocampal protein levels in an animal model of type 2 diabetes. <i>Neurochemistry International</i> , 2017 , 108, 246-253	4.4	3

25	Yes-associated protein mediates human embryonic stem cell-derived cardiomyocyte proliferation: Involvement of epidermal growth factor receptor signaling. <i>Journal of Cellular Physiology</i> , 2018 , 233, 7016-7025	7	3
24	Distribution of nociceptin-like immunoreactivity in the central nervous system of the Mongolian gerbil: an immunohistochemical study. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2002 , 31, 187-92	1.1	3
23	Epidermal growth factor regulates Ca ²⁺ uptake in primary cultured renal proximal tubule cells: involvement of cAMP, PKC and cPLA2. <i>Kidney and Blood Pressure Research</i> , 2003 , 26, 155-64	3.1	3
22	Ginsenosides protect apical transporters of cultured proximal tubule cells from dysfunctions induced by h(2)o(2). <i>Kidney and Blood Pressure Research</i> , 2002 , 25, 308-14	3.1	3
21	High glucose-mediated PICALM and mTORC1 modulate processing of amyloid precursor protein via endosomal abnormalities. <i>British Journal of Pharmacology</i> , 2020 , 177, 3828-3847	8.6	3
20	Cyanidin 3-O-arabinoside suppresses DHT-induced dermal papilla cell senescence by modulating p38-dependent ER-mitochondria contacts.. <i>Journal of Biomedical Science</i> , 2022 , 29, 17	13.3	3
19	Trolox-induced cardiac differentiation is mediated by the inhibition of Wnt/ β catenin signaling in human embryonic stem cells. <i>Cell Biology International</i> , 2019 , 43, 1505	4.5	2
18	64-channel multi-detector row CT angiographic evaluation of the micropigs for potential living donor lung transplantation. <i>Journal of Veterinary Science</i> , 2010 , 11, 185-9	1.6	2
17	Effect of epidermal growth factor on phosphate uptake in renal proximal tubule cells: involvement of PKC, MAPK, and cPLA2. <i>Kidney and Blood Pressure Research</i> , 2003 , 26, 315-24	3.1	2
16	Ethanol-inhibited [3H]thymidine incorporation via protein kinase C-p44/42 mitogen-activated protein kinase/phospholipase A2 signal pathway in renal proximal tubule cells. <i>Alcoholism: Clinical and Experimental Research</i> , 2004 , 28, 1172-9	3.7	2
15	Role of Microtubule-Associated Factors in HIF1 β Nuclear Translocation. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1232, 271-276	3.6	2
14	High glucose inhibits glucose uptake in renal proximal tubule cells by oxidative stress and protein kinase C. <i>Kidney International</i> , 2000 , 57, 918	9.9	2
13	High glucose stimulates glutamate uptakes in pancreatic β cells. <i>Laboratory Animal Research</i> , 2011 , 27, 327-31	1.9	1
12	Multidetector computed tomographic angiography evaluation of micropig major systemic vessels for xenotransplantation. <i>Journal of Veterinary Science</i> , 2011 , 12, 209-14	1.6	1
11	Generation of CD2(+)/CD8(+) NK Cells from c-kit(+) Bone Marrow Cells in Porcine. <i>Korean Journal of Physiology and Pharmacology</i> , 2012 , 16, 167-74	1.8	1
10	Prior Ischemic Treatment Renders Kidney Resistant to Subsequent Ischemia. <i>Journal of Veterinary Science</i> , 2002 , 3, 115	1.6	1
9	Effectiveness of (99m)Tc-tetrofosmin for assessment of heart functions in micropigs. <i>Journal of Veterinary Science</i> , 2007 , 8, 223-7	1.6	1
8	Melatonin activates ABCA1 via the BiP/NRF1 pathway to suppress high-cholesterol-induced apoptosis of mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 114	8.3	1

7	Intrathecal interleukin-1 β decreases sigma-1 receptor expression in spinal astrocytes in a murine model of neuropathic pain. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 144, 112272	7.5	o
6	Prenatal glucocorticoid exposure selectively impairs neuroligin 1-dependent neurogenesis by suppressing astrocytic FGF2-neuronal FGFR1 axis.. <i>Cellular and Molecular Life Sciences</i> , 2022 , 79, 294	10.3	o
5	Multidetector row computed tomography evaluation of the micropig kidney as a potential renal donor. <i>Journal of Veterinary Science</i> , 2010 , 11, 9-13	1.6	
4	Response to β -glucose transport across the proximal tubule brush border membrane: Response to diabetes mellitus <i>Kidney International</i> , 2008 , 73, 362	9.9	
3	Cyclosporin A Enhances Cardiac Differentiation by Inhibiting Wnt/ β Catenin Signaling in Human Embryonic Stem Cells. <i>Biotechnology and Bioprocess Engineering</i> , 2021 , 26, 786-794	3.1	
2	Regulatory Mechanisms of Na ⁺ /glucose Transporters in Renal Proximal Tubule Cells. <i>Electrolyte and Blood Pressure</i> , 2005 , 3, 1	1.1	
1	Physiological understanding of host-microbial pathogen interactions in the gut. <i>Korean Journal of Veterinary Research</i> , 2016 , 56, 57-66	0.2	