

Ho Jae Han

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

312
papers

8,184
citations

48
h-index

65
g-index

320
ext. papers

9,070
ext. citations

5.1
avg, IF

5.99
L-index

#	Paper	IF	Citations
312	Cyanidin 3-O-arabioside 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
311	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	0
310	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	
309	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	0
308	Glucocorticoid impairs mitochondrial quality control in neurons. <i>Neurobiology of Disease</i> , 2021 , 152, 105301	30.1	6
307	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
306	BNIP3L/NIX-mediated mitophagy protects against glucocorticoid-induced synapse defects. <i>Nature Communications</i> , 2021 , 12, 487	17.4	27
305	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
304	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
303	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
302	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
301	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
300	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
299	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
298	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
297	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
296	Small-molecule inhibitor of HlyU attenuates virulence of <i>Vibrio</i> species. <i>Scientific Reports</i> , 2019 , 9, 4346	4.9	7

295	O-cyclic phytosphingosine-1-phosphate stimulates HIF1 β -dependent glycolytic reprogramming to enhance the therapeutic potential of mesenchymal stem cells. <i>Cell Death and Disease</i> , 2019 , 10, 590	9.8	5
294	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
293	Role of HIF1 Regulatory Factors in Stem Cells. <i>International Journal of Stem Cells</i> , 2019 , 12, 8-20	3	14
292	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
291	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
290	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
289	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
288	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
287	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
286	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
285	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
284	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
283	Avian blastoderm dormancy arrests cells in G and suppresses apoptosis. <i>FASEB Journal</i> , 2017 , 31, 3240-3250	3.5	3
282	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
281	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
280	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
279	Identification and characterization of encoding a phospholipase A essential for pathogenesis. <i>Journal of Biological Chemistry</i> , 2017 , 292, 17129-17143	5.4	24
278	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

277	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
276	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
275	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
274	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
273	Relationship Between β Amyloid and Mitochondrial Dynamics. <i>Cellular and Molecular Neurobiology</i> , 2017 , 37, 955-968	4.6	15
272	Lipotoxicity-Induced PRMT1 Exacerbates Mesangial Cell Apoptosis via Endoplasmic Reticulum Stress. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	11
271	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
270	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
269	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
268	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
267	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
266	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
265	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
264	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
263	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
262	Physiological understanding of host-microbial pathogen interactions in the gut. <i>Korean Journal of Veterinary Research</i> , 2016 , 56, 57-66	0.2	
261	Tauroursodeoxycholic acid reduces ER stress by regulating of Akt-dependent cellular prion protein. <i>Scientific Reports</i> , 2016 , 6, 39838	4.9	54
260	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

259	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
258	Aβ-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
257	Vibrio vulnificus VvhA induces NF-κB-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
256	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
255	Vibrio vulnificus VvpE Stimulates IL-1β Production by the Hypomethylation of the IL-1β Promoter and NF-κB 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
254	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
253	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
252	Insulin-induced CARM1 upregulation facilitates hepatocyte proliferation. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 461, 568-74	3.4	9
251	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	5.2	40
250	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
249	Novel Pathway for Hypoxia-Induced Proliferation and Migration in Human Mesenchymal Stem Cells: Involvement of HIF-1β, FASN, and mTORC1. <i>Stem Cells</i> , 2015 , 33, 2182-95	5.8	40
248	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
247	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
246	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
245	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
244	Autotaxin-LPA axis regulates hMSC migration by adherent junction disruption and cytoskeletal rearrangement via LPAR1/3-dependent PKC/GSK3β/E-catenin and PKC/Rho GTPase pathways. <i>Stem Cells</i> , 2015 , 33, 819-32	5.8	24
243	PRMT3 regulates hepatic lipogenesis through direct interaction with LXRβ. <i>Diabetes</i> , 2015 , 64, 60-71	0.9	27
242	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

241	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
240	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
239	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
238	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
237	Regulation of Stem Cell Fate by ROS-mediated Alteration of Metabolism. <i>International Journal of Stem Cells</i> , 2015 , 8, 24-35	3	28
236	<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
235	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
234	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
233	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
232	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
231	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
230	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
229	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
228	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
227	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
226	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
225	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
224	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

223	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, 368-79	5.5	32
222	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
221	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
220	Ubiquitination-dependent CARM1 degradation facilitates Notch1-mediated podocyte apoptosis in diabetic nephropathy. <i>Cellular Signalling</i> , 2014 , 26, 1774-82	4.9	49
219	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
218	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
217	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
216	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
215	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
214	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
213	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
212	Fibronectin-induced VEGF receptor and calcium channel transactivation stimulate GLUT-1 synthesis and trafficking through PPAR δ and TC10 in mouse embryonic stem cells. <i>Stem Cell Research</i> , 2013 , 10, 371-86	1.6	15
211	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
210	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
209	Transformation of somatic cells into stem cell-like cells under a stromal niche. <i>FASEB Journal</i> , 2013 , 27, 2644-56	0.9	8
208	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
207	Netrin-1 protects hypoxia-induced mitochondrial apoptosis through HSP27 expression via DCC- and integrin β -dependent Akt, GSK-3 β and HSF-1 in mesenchymal stem cells. <i>Cell Death and Disease</i> , 2013 , 4, e563	9.8	48
206	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

205	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
204	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
203	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
202	Midkine prevented hypoxic injury of mouse embryonic stem cells through activation of Akt and HIF-1 β via low-density lipoprotein receptor-related protein-1. <i>Journal of Cellular Physiology</i> , 2012 , 227, 1731-9	7	24
201	Mechanism of PKA-dependent and lipid-raft independent stimulation of Connexin43 expression by oxytocin in mouse embryonic stem cells. <i>Molecular Endocrinology</i> , 2012 , 26, 1144-57		11
200	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
199	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
198	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
197	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
196	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
195	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
194	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
193	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
192	High glucose stimulates glutamate uptakes in pancreatic β cells. <i>Laboratory Animal Research</i> , 2011 , 27, 327-31	1.9	1
191	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
190	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
189	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
188	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

187	Virtual screening and synthesis of quinazolines as novel JAK2 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 968-77	3.4	35
186	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
185	Topical embryonic stem cells enhance wound healing in diabetic rats. <i>Journal of Orthopaedic Research</i> , 2011 , 29, 1554-62	3.8	53
184	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
183	Role of hypoxia-induced fibronectin-integrin α 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
182	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
181	Involvement of α -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
180	Caveolin-1 and integrin α 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
179	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
178	Collagen I regulates the self-renewal of mouse embryonic stem cells through α integrin- and DDR1-dependent Bmi-1. <i>Journal of Cellular Physiology</i> , 2011 , 226, 3422-32	7	66
177	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
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3	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
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1	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 971-0605-0360, HRC 1998G0301).		6