Gee Euhn Choi

List of Publications by Year
in descending order

23	805	567281 15	610901 24
papers	citations	h-index	g-index

25	25	25	1322
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	AÎ²-Induced Drp1 phosphorylation through Akt activation promotes excessive mitochondrial fission leading to neuronal apoptosis. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 2820-2834.	4.1	137
2	Urolithin A suppresses high glucose-induced neuronal amyloidogenesis by modulating TGM2-dependent ER-mitochondria contacts and calcium homeostasis. Cell Death and Differentiation, 2021, 28, 184-202.	11.2	79
3	BNIP3L/NIX-mediated mitophagy protects against glucocorticoid-induced synapse defects. Nature Communications, 2021, 12, 487.	12.8	79
4	17Î²-Estradiol protects mesenchymal stem cells against high glucose-induced mitochondrial oxidants production via Nrf2/Sirt3/MnSOD signaling. Free Radical Biology and Medicine, 2019, 130, 328-342.	2.9	63
5	BNIP3 induction by hypoxia stimulates FASN-dependent free fatty acid production enhancing therapeutic potential of umbilical cord blood-derived human mesenchymal stem cells. Redox Biology, 2017, 13, 426-443.	9.0	60
6	Succinate promotes stem cell migration through the GPR91-dependent regulation of DRP1-mediated mitochondrial fission. Scientific Reports, 2017, 7, 12582.	3.3	49
7	Regulation of Stem Cell Fate by ROS-mediated Alteration of Metabolism. International Journal of Stem Cells, 2015, 8, 24-35.	1.8	41
8	Amyloid Î²1-42 (AÎ²1-42) Induces the CDK2-Mediated Phosphorylation of Tau through the Activation of the mTORC1 Signaling Pathway While Promoting Neuronal Cell Death. Frontiers in Molecular Neuroscience, 2017, 10, 229.	2.9	40
9	Sodium butyrate inhibits high cholesterol-induced neuronal amyloidogenesis by modulating NRF2 stabilization-mediated ROS levels: involvement of NOX2 and SOD1. Cell Death and Disease, 2020, 11, 469.	6.3	32
10	Glucocorticoid impairs mitochondrial quality control in neurons. Neurobiology of Disease, 2021, 152, 105301.	4.4	30
11	Role of HIF1Î± Regulatory Factors in Stem Cells. International Journal of Stem Cells, 2019, 12, 8-20.	1.8	26
12	Glucocorticoid-mediated ER-mitochondria contacts reduce AMPA receptor and mitochondria trafficking into cell terminus via microtubule destabilization. Cell Death and Disease, 2018, 9, 1137.	6.3	24
13	Membrane-Associated Effects of Glucocorticoid on BACE1 Upregulation and AÎ² Generation: Involvement of Lipid Raft-Mediated CREB Activation. Journal of Neuroscience, 2017, 37, 8459-8476.	3.6	22
14	BICD1 mediates HIF1Î± nuclear translocation in mesenchymal stem cells during hypoxia adaptation. Cell Death and Differentiation, 2019, 26, 1716-1734.	11.2	22
15	Cyanidin 3-O-arabinoside suppresses DHT-induced dermal papilla cell senescence by modulating p38-dependent ER-mitochondria contacts. Journal of Biomedical Science, 2022, 29, 17.	7.0	21
16	High Glucose-Induced Reactive Oxygen Species Stimulates Human Mesenchymal Stem Cell Migration Through Snail and EZH2-Dependent E-Cadherin Repression. Cellular Physiology and Biochemistry, 2018, 46, 1749-1767.	1.6	13
17	High glucoseâ€mediated PICALM and mTORC1 modulate processing of amyloid precursor protein via endosomal abnormalities. British Journal of Pharmacology, 2020, 177, 3828-3847.	5.4	13
18	O-cyclic phytosphingosine-1-phosphate stimulates HIF1Î±-dependent glycolytic reprogramming to enhance the therapeutic potential of mesenchymal stem cells. Cell Death and Disease, 2019, 10, 590.	6.3	12

#	Article	IF	Citations
19	High glucoseâ€mediated VPS26a downâ€regulation dysregulates neuronal amyloid precursor protein processing and tau phosphorylation. British Journal of Pharmacology, 2022, 179, 3934-3950.	5.4	11
20	Modulation of sonic hedgehogâ€induced mouse embryonic stem cell behaviours through Eâ€cadherin expression and integrin Î²1â€dependent Fâ€actin formation. British Journal of Pharmacology, 2018, 175, 3548-3562.	5.4	9
21	Melatonin restores Muc2 depletion induced by V. vulnificus VvpM via melatonin receptor 2 coupling with Gα q. Journal of Biomedical Science, 2020, 27, 21.	7.0	8
22	Prenatal glucocorticoid exposure selectively impairs neuroligin 1-dependent neurogenesis by suppressing astrocytic FGF2â€“neuronal FGFR1 axis. Cellular and Molecular Life Sciences, 2022, 79, 294.	5.4	6
23	Melatonin activates ABCA1 via the BiP/NRF1 pathway to suppress high-cholesterol-induced apoptosis of mesenchymal stem cells. Stem Cell Research and Therapy, 2021, 12, 114.	5.5	4