

# Gwang-won Cho

## List of Publications by Year in descending order

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34  
papers

683  
citations

516710

16  
h-index

580821

25  
g-index

34  
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34  
docs citations

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times ranked

1063  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bone Marrow-Derived Stromal Cells from Amyotrophic Lateral Sclerosis Patients Have Diminished Stem Cell Capacity. <i>Stem Cells and Development</i> , 2010, 19, 1035-1042.	2.1	56
2	Resveratrol-induced SIRT1 activation promotes neuronal differentiation of human bone marrow mesenchymal stem cells. <i>Neuroscience Letters</i> , 2015, 584, 97-102.	2.1	51
3	The neuroprotective effect of erythropoietin-transduced human mesenchymal stromal cells in an animal model of ischemic stroke. <i>Brain Research</i> , 2010, 1353, 1-13.	2.2	49
4	Valproic acid promotes neuronal differentiation by induction of neuroprogenitors in human bone-marrow mesenchymal stromal cells. <i>Neuroscience Letters</i> , 2013, 554, 22-27.	2.1	49
5	Endogenous ROS levels are increased in replicative senescence in human bone marrow mesenchymal stromal cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 460, 971-976.	2.1	49
6	Anti-senescence effects of DNA methyltransferase inhibitor RG108 in human bone marrow mesenchymal stromal cells. <i>Biotechnology and Applied Biochemistry</i> , 2015, 62, 583-590.	3.1	40
7	Autophagy: An evolutionarily conserved process in the maintenance of stem cells and aging. <i>Cell Biochemistry and Function</i> , 2019, 37, 452-458.	2.9	30
8	The tubulin deacetylase sirtuin-2 regulates neuronal differentiation through the ERK/CREB signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 182-187.	2.1	29
9	Metformin promotes neuronal differentiation and neurite outgrowth through AMPK activation in human bone marrow mesenchymal stem cells. <i>Biotechnology and Applied Biochemistry</i> , 2017, 64, 836-842.	3.1	28
10	Memantine Attenuates Salicylate-induced Tinnitus Possibly by Reducing NR2B Expression in Auditory Cortex of Rat. <i>Experimental Neurobiology</i> , 2019, 28, 495-503.	1.6	26
11	Functional Restoration of Amyotrophic Lateral Sclerosis Patient-Derived Mesenchymal Stromal Cells Through Inhibition of DNA Methyltransferase. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 613-620.	3.3	25
12	Reduced sirtuin 1/adenosine monophosphate-activated protein kinase in amyotrophic lateral sclerosis patient-derived mesenchymal stem cells can be restored by resveratrol. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 110-115.	2.7	22
13	Licochalcone D Ameliorates Oxidative Stress-Induced Senescence via AMPK Activation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7324.	4.1	20
14	Caloric restriction maintains stem cells through niche and regulates stem cell aging. <i>Journal of Molecular Medicine</i> , 2020, 98, 25-37.	3.9	19
15	Human angiogenin presents neuroprotective and migration effects in neuroblastoma cells. <i>Molecular and Cellular Biochemistry</i> , 2010, 340, 133-141.	3.1	17
16	Trichostatin a modulates intracellular reactive oxygen species through SOD2 and FOXO1 in human bone marrow mesenchymal stem cells. <i>Cell Biochemistry and Function</i> , 2015, 33, 37-43.	2.9	17
17	Effects of valproic acid on the expression of trophic factors in human bone marrow mesenchymal stromal cells. <i>Neuroscience Letters</i> , 2012, 526, 100-105.	2.1	16
18	Accumulation of apoptosis-sensitive human bone marrow mesenchymal stromal cells after long-term expansion. <i>Cell Biochemistry and Function</i> , 2016, 34, 310-316.	2.9	16

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19	Neuroprotective Effect of Valproic Acid on Salicylate-Induced Tinnitus. <i>International Journal of Molecular Sciences</i> , 2022, 23, 23.	4.1	15
20	G9a inhibition promotes neuronal differentiation of human bone marrow mesenchymal stem cells through the transcriptional induction of RE-1 containing neuronal specific genes. <i>Neurochemistry International</i> , 2016, 96, 77-83.	3.8	13
21	Recombinant human erythropoietin reduces aggregation of mutant Cu/Zn-binding superoxide dismutase (SOD1) in NSC-34 cells. <i>Neuroscience Letters</i> , 2011, 504, 107-111.	2.1	12
22	Camphorquinone Promotes the Antisenescence Effect via Activating AMPK/SIRT1 in Stem Cells and D-Galactose-Induced Aging Mice. <i>Antioxidants</i> , 2021, 10, 1916.	5.1	11
23	Proteomic analysis reveals KRIT1 as a modulator for the antioxidant effects of valproic acid in human bone-marrow mesenchymal stromal cells. <i>Drug and Chemical Toxicology</i> , 2015, 38, 286-292.	2.3	10
24	Regenerative Therapy Using Umbilical Cord Serum. <i>In Vivo</i> , 2021, 35, 699-705.	1.3	9
25	TCF/β <sup>2</sup> -catenin plays an important role in HCCR-1 oncogene expression. <i>BMC Molecular Biology</i> , 2009, 10, 42.	3.0	7
26	Functional restoration of replicative senescent mesenchymal stem cells by the brown alga <i>Undaria pinnatifida</i> . <i>Animal Cells and Systems</i> , 2017, 21, 108-114.	2.2	7
27	Pan-tissue methylation aging clock: Recalibrated and a method to analyze and interpret the selected features. <i>Mechanisms of Ageing and Development</i> , 2022, 204, 111676.	4.6	7
28	Effect of Pre-Induced Mesenchymal Stem Cell-Coated Cellulose/Collagen Nanofibrous Nerve Conduit on Regeneration of Transected Facial Nerve. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7638.	4.1	7
29	Transduction of human EPO into human bone marrow mesenchymal stromal cells synergistically enhances cell-protective and migratory effects. <i>Molecular Biology</i> , 2010, 44, 577-584.	1.3	6
30	Development of a Cellular Tau Enzyme-Linked Immunosorbent Assay Method for Screening GSK-3 <sup>Î</sup> Inhibitors. <i>Assay and Drug Development Technologies</i> , 2011, 9, 503-513.	1.2	6
31	Effect of Growth Factor-Loaded Acellular Dermal Matrix/MSCs on Regeneration of Chronic Tympanic Membrane Perforations in Rats. <i>Journal of Clinical Medicine</i> , 2021, 10, 1541.	2.4	6
32	PDE4 Inhibition by Rolipram Promotes Neuronal Differentiation in Human Bone Marrow Mesenchymal Stem Cells. <i>Cellular Reprogramming</i> , 2016, 18, 224-229.	0.9	4
33	Oxidative stress-induced aberrant G9a activation disturbs RE-1-containing neuron-specific genes expression, leading to degeneration in human SH-SY5Y neuroblastoma cells. <i>Korean Journal of Physiology and Pharmacology</i> , 2021, 25, 51-58.	1.2	2
34	The Role of Stress Granules in the Neuronal Differentiation of Stem Cells. <i>Molecules and Cells</i> , 2020, 43, 848-855.	2.6	2