

# Jun Sung Kim

## List of Publications by Year in descending order

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27  
papers

1,789  
citations

471509

17  
h-index

501196

28  
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28  
all docs

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docs citations

28  
times ranked

3193  
citing authors

#	ARTICLE	IF	CITATIONS
1	Toxicity and Tissue Distribution of Magnetic Nanoparticles in Mice. <i>Toxicological Sciences</i> , 2006, 89, 338-347.	3.1	544
2	Multifunctional Nanoparticles Possessing A "Magnetic Motor Effect" for Drug or Gene Delivery. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1068-1071.	13.8	379
3	A $\beta$ -Induced Drp1 phosphorylation through Akt activation promotes excessive mitochondrial fission leading to neuronal apoptosis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 2820-2834.	4.1	137
4	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.	11.2	79
5	BNIP3L/NIX-mediated mitophagy protects against glucocorticoid-induced synapse defects. <i>Nature Communications</i> , 2021, 12, 487.	12.8	79
6	Multifunctional Nanoparticles Possessing A "Magnetic Motor Effect" for Drug or Gene Delivery. <i>Angewandte Chemie</i> , 2005, 117, 1092-1095.	2.0	70
7	17 $\beta$ -Estradiol protects mesenchymal stem cells against high glucose-induced mitochondrial oxidants production via Nrf2/Sirt3/MnSOD signaling. <i>Free Radical Biology and Medicine</i> , 2019, 130, 328-342.	2.9	63
8	Enhancement of high glucose-induced PINK1 expression by melatonin stimulates neuronal cell survival: Involvement of MT <sub>2</sub> /Akt/NF $\kappa$ B pathway. <i>Journal of Pineal Research</i> , 2017, 63, e12427.	7.4	52
9	Succinate promotes stem cell migration through the GPR91-dependent regulation of DRP1-mediated mitochondrial fission. <i>Scientific Reports</i> , 2017, 7, 12582.	3.3	49
10	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.	6.5	33
11	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.	6.3	32
12	<i>Vibrio vulnificus</i> VvhA induces autophagy-related cell death through the lipid raft-dependent c-Src/NOX signaling pathway. <i>Scientific Reports</i> , 2016, 6, 27080.	3.3	31
13	Role of HIF1 $\alpha$ Regulatory Factors in Stem Cells. <i>International Journal of Stem Cells</i> , 2019, 12, 8-20.	1.8	26
14	EphB2 signaling-mediated Sirt3 expression reduces MSC senescence by maintaining mitochondrial ROS homeostasis. <i>Free Radical Biology and Medicine</i> , 2017, 110, 368-380.	2.9	25
15	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.	6.3	24
16	BICD1 mediates HIF1 $\alpha$ nuclear translocation in mesenchymal stem cells during hypoxia adaptation. <i>Cell Death and Differentiation</i> , 2019, 26, 1716-1734.	11.2	22
17	Netrin-1-Induced Stem Cell Bioactivity Contributes to the Regeneration of Injured Tissues via the Lipid Raft-Dependent Integrin $\beta$ 4 Signaling Pathway. <i>Scientific Reports</i> , 2016, 6, 37526.	3.3	18
18	Relationship Between $\beta$ -Amyloid and Mitochondrial Dynamics. <i>Cellular and Molecular Neurobiology</i> , 2017, 37, 955-968.	3.3	17

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19	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.	6.3	17
20	A <i>Vibrio vulnificus</i> VvpM Induces IL-1 $\beta$ Production Coupled with Necrotic Macrophage Death via Distinct Spatial Targeting by ANXA2. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 352.	3.9	16
21	Ethanol-induced PGE2 up-regulates A $\beta$ 2 production through PKA/CREB signaling pathway. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2942-2953.	3.8	13
22	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.	1.6	13
23	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.	5.4	13
24	O-cyclic phytosphingosine-1-phosphate stimulates HIF1 $\alpha$ -dependent glycolytic reprogramming to enhance the therapeutic potential of mesenchymal stem cells. <i>Cell Death and Disease</i> , 2019, 10, 590.	6.3	12
25	Modulation of sonic hedgehog-induced mouse embryonic stem cell behaviours through E-cadherin expression and integrin $\beta$ 1-dependent F-actin formation. <i>British Journal of Pharmacology</i> , 2018, 175, 3548-3562.	5.4	9
26	Melatonin restores Muc2 depletion induced by <i>V. vulnificus</i> VvpM via melatonin receptor 2 coupling with G $\beta$ q. <i>Journal of Biomedical Science</i> , 2020, 27, 21.	7.0	8
27	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.	5.5	4