

Hyung-Ryong Kim

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

6,687
citations

471509
17
h-index

395702
33
g-index

37
all docs

37
docs citations

37
times ranked

16130
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Endoplasmic Reticulum Stress and Associated ROS. <i>International Journal of Molecular Sciences</i> , 2016, 17, 327.	4.1	624
3	An Involvement of Oxidative Stress in Endoplasmic Reticulum Stress and Its Associated Diseases. <i>International Journal of Molecular Sciences</i> , 2013, 14, 434-456.	4.1	324
4	BI-1 Regulates an Apoptosis Pathway Linked to Endoplasmic Reticulum Stress. <i>Molecular Cell</i> , 2004, 15, 355-366.	9.7	283
5	The aftermath of the interplay between the endoplasmic reticulum stress response and redox signaling. <i>Experimental and Molecular Medicine</i> , 2021, 53, 151-167.	7.7	116
6	Bax inhibitor 1 regulates ER-stress-induced ROS accumulation through the regulation of cytochrome P450 2E1. <i>Journal of Cell Science</i> , 2009, 122, 1126-1133.	2.0	99
7	Endoplasmic Reticulum (ER) Stress Response Failure in Diseases. <i>Trends in Cell Biology</i> , 2020, 30, 672-675.	7.9	71
8	Bioprinting of three-dimensional dentinâ€pulp complex with local differentiation of human dental pulp stem cells. <i>Journal of Tissue Engineering</i> , 2019, 10, 204173141984584.	5.5	66
9	Role of Endoplasmic Reticulum Stress Sensor IRE1Î± in Cellular Physiology, Calcium, ROS Signaling, and Metaflammation. <i>Cells</i> , 2020, 9, 1160.	4.1	45
10	TMBIM6 (transmembrane BAX inhibitor motif containing 6) enhances autophagy through regulation of lysosomal calcium. <i>Autophagy</i> , 2021, 17, 761-778.	9.1	39
11	TMBIM6/BI-1 contributes to cancer progression through assembly with mTORC2 and AKT activation. <i>Nature Communications</i> , 2020, 11, 4012.	12.8	38
12	Enhanced Lysosomal Activity Is Involved in Bax Inhibitor-1-induced Regulation of the Endoplasmic Reticulum (ER) Stress Response and Cell Death against ER Stress. <i>Journal of Biological Chemistry</i> , 2011, 286, 24743-24753.	3.4	32
13	Bax Inhibitor 1 Increases Cell Adhesion through Actin Polymerization: Involvement of Calcium and Actin Binding. <i>Molecular and Cellular Biology</i> , 2010, 30, 1800-1813.	2.3	29
14	PI3KÎ³ contributes to ER stress-associated asthma through ER-redox disturbances: the involvement of the RIDDâ€RIG-Iâ€NF-Î²B axis. <i>Experimental and Molecular Medicine</i> , 2018, 50, e444-e444.	7.7	27
15	Ixeris dentata Extract Increases Salivary Secretion through the Regulation of Endoplasmic Reticulum Stress in a Diabetes-Induced Xerostomia Rat Model. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1059.	4.1	21
16	The correlation of IRE1Î± oxidation with Nox4 activation in aging-associated vascular dysfunction. <i>Redox Biology</i> , 2020, 37, 101727.	9.0	21
17	Cyclic-AMP Inhibits Nitric Oxide-Induced Apoptosis in Human Osteoblast: The Regulation of Caspase-3, -6, -9 and the Release of Cytochrome c in Nitric Oxide-Induced Apoptosis by cAMP.. <i>Biological and Pharmaceutical Bulletin</i> , 2001, 24, 453-460.	1.4	18
18	Computational Methodâ€Based Optimization of Carbon Nanotube Thinâ€Film Immunosensor for Rapid Detection of SARSâ€CoVâ€2 Virus. <i>Small Science</i> , 2022, 2, 2100111.	9.9	18

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19	Effect of BI-1 on insulin resistance through regulation of CYP2E1. Scientific Reports, 2016, 6, 32229.	3.3	16
20	Bax Inhibitor-1 regulates hepatic lipid accumulation via ApoB secretion. Scientific Reports, 2016, 6, 27799.	3.3	15
21	Potential Application of Ixeris dentata in the Prevention and Treatment of Aging-Induced Dry Mouth. Nutrients, 2018, 10, 1989.	4.1	13
22	Fabrication of bone-derived decellularized extracellular matrix/ceramic-based biocomposites and their osteo/odontogenic differentiation ability for dentin regeneration. Bioengineering and Translational Medicine, 2022, 7, .	7.1	12
23	3D cellular visualization of intact mouse tooth using optical clearing without decalcification. International Journal of Oral Science, 2019, 11, 25.	8.6	11
24	Bending Sensor Based on Controlled Microcracking Regions for Application toward Wearable Electronics and Robotics. ACS Applied Materials & Interfaces, 2022, 14, 31312-31320.	8.0	11
25	Expression of TMBIM6 in Cancers: The Involvement of Sp1 and PKC. Cancers, 2019, 11, 974.	3.7	8
26	PFK activation is essential for the odontogenic differentiation of human dental pulp stem cells. Biochemical and Biophysical Research Communications, 2021, 544, 52-59.	2.1	8
27	TMBIM6 regulates redox-associated posttranslational modifications of IRE1 α and ER stress response failure in aging mice and humans. Redox Biology, 2021, 47, 102128.	9.0	8
28	Sphingosine-1-phosphate hinders the osteogenic differentiation of dental pulp stem cells in association with AKT signaling pathways. International Journal of Oral Science, 2022, 14, 21.	8.6	5
29	Blockade of PD-L1/PD-1 signaling promotes osteo-/odontogenic differentiation through Ras activation. International Journal of Oral Science, 2022, 14, 18.	8.6	3
30	Odontogenic Differentiation-Induced Tooth Regeneration by Psoralea corylifolia L.. Current Issues in Molecular Biology, 2022, 44, 2300-2308.	2.4	2
31	Dendroaspis Natriuretic Peptide Induces the Apoptosis of Cardiac Muscle Cells. Immunopharmacology and Immunotoxicology, 2005, 27, 33-51.	2.4	1
32	Neuroprotective effect of Gastrodia elata Blume ethanol extracts (GEB) against beta-amyloid-induced BV2 cell death: Gastrodin and 4-hydroxybenzaldehyde (4-HBA) are the bio active candidates. FASEB Journal, 2011, 25, 1b298.	0.5	1
33	3D Visualization of Dynamic Cellular Reaction of Pulpal CD11c+ Dendritic Cells against Pulpitis in Whole Murine Tooth. International Journal of Molecular Sciences, 2021, 22, 12683.	4.1	1
34	Welcome to Organoid: a new and innovative journal. Organoid, 2021, 1, e2.	0.0	0
35	Endoplasmic reticulum stress and organoids. Organoid, 2021, 1, e3.	0.0	0
36	Low-intensity pulsed ultrasound attenuates replacement root resorption of avulsed teeth stored in dry condition in dogs. Scientific Reports, 2021, 11, 12892.	3.3	0