

Hyung-Ryong Kim

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

6,687
citations

471371

17
h-index

395590

33
g-index

37
all docs

37
docs citations

37
times ranked

16130
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	5.8	18
2	Fabrication of boneâ€derived decellularized extracellular matrix/ceramicâ€based biocomposites and their osteo/odontogenic differentiation ability for dentin regeneration. <i>Bioengineering and Translational Medicine</i> , 2022, 7, .	3.9	12
3	Blockade of PD-L1/PD-1 signaling promotes osteo-/odontogenic differentiation through Ras activation. <i>International Journal of Oral Science</i> , 2022, 14, 18.	3.6	3
4	Sphingosine-1-phosphate hinders the osteogenic differentiation of dental pulp stem cells in association with AKT signaling pathways. <i>International Journal of Oral Science</i> , 2022, 14, 21.	3.6	5
5	Odontogenic Differentiation-Induced Tooth Regeneration by <i>Psoralea corylifolia</i> L.. <i>Current Issues in Molecular Biology</i> , 2022, 44, 2300-2308.	1.0	2
6	Bending Sensor Based on Controlled Microcracking Regions for Application toward Wearable Electronics and Robotics. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 31312-31320.	4.0	11
7	TMBIM6 (transmembrane BAX inhibitor motif containing 6) enhances autophagy through regulation of lysosomal calcium. <i>Autophagy</i> , 2021, 17, 761-778.	4.3	39
8	Welcome to Organoid: a new and innovative journal. <i>Organoid</i> , 2021, 1, e2.	0.0	0
9	Endoplasmic reticulum stress and organoids. <i>Organoid</i> , 2021, 1, e3.	0.0	0
10	The aftermath of the interplay between the endoplasmic reticulum stress response and redox signaling. <i>Experimental and Molecular Medicine</i> , 2021, 53, 151-167.	3.2	116
11	PFK activation is essential for the odontogenic differentiation of human dental pulp stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2021, 544, 52-59.	1.0	8
12	Low-intensity pulsed ultrasound attenuates replacement root resorption of avulsed teeth stored in dry condition in dogs. <i>Scientific Reports</i> , 2021, 11, 12892.	1.6	0
13	TMBIM6 regulates redox-associated posttranslational modifications of IRE1 \pm and ER stress response failure in aging mice and humans. <i>Redox Biology</i> , 2021, 47, 102128.	3.9	8
14	3D Visualization of Dynamic Cellular Reaction of Pulpal CD11c+ Dendritic Cells against Pulpitis in Whole Murine Tooth. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12683.	1.8	1
15	The correlation of IRE1 \pm oxidation with Nox4 activation in aging-associated vascular dysfunction. <i>Redox Biology</i> , 2020, 37, 101727.	3.9	21
16	TMBIM6/BI-1 contributes to cancer progression through assembly with mTORC2 and AKT activation. <i>Nature Communications</i> , 2020, 11, 4012.	5.8	38
17	Endoplasmic Reticulum (ER) Stress Response Failure in Diseases. <i>Trends in Cell Biology</i> , 2020, 30, 672-675.	3.6	71
18	Role of Endoplasmic Reticulum Stress Sensor IRE1 \pm in Cellular Physiology, Calcium, ROS Signaling, and Metaflammation. <i>Cells</i> , 2020, 9, 1160.	1.8	45

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19	Expression of TMBIM6 in Cancers: The Involvement of Sp1 and PKC. <i>Cancers</i> , 2019, 11, 974.	1.7	8
20	3D cellular visualization of intact mouse tooth using optical clearing without decalcification. <i>International Journal of Oral Science</i> , 2019, 11, 25.	3.6	11
21	Bioprinting of three-dimensional dentin-pulp complex with local differentiation of human dental pulp stem cells. <i>Journal of Tissue Engineering</i> , 2019, 10, 204173141984584.	2.3	66
22	PI3K γ contributes to ER stress-associated asthma through ER-redox disturbances: the involvement of the RIDD-RIG-I-NF- κ B axis. <i>Experimental and Molecular Medicine</i> , 2018, 50, e444-e444.	3.2	27
23	Potential Application of <i>Ixeris dentata</i> in the Prevention and Treatment of Aging-Induced Dry Mouth. <i>Nutrients</i> , 2018, 10, 1989.	1.7	13
24	<i>Ixeris dentata</i> 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.	1.8	21
25	Endoplasmic Reticulum Stress and Associated ROS. <i>International Journal of Molecular Sciences</i> , 2016, 17, 327.	1.8	624
26	Effect of BI-1 on insulin resistance through regulation of CYP2E1. <i>Scientific Reports</i> , 2016, 6, 32229.	1.6	16
27	Bax Inhibitor-1 regulates hepatic lipid accumulation via ApoB secretion. <i>Scientific Reports</i> , 2016, 6, 27799.	1.6	15
28	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
29	An Involvement of Oxidative Stress in Endoplasmic Reticulum Stress and Its Associated Diseases. <i>International Journal of Molecular Sciences</i> , 2013, 14, 434-456.	1.8	324
30	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.	1.6	32
31	Neuroprotective effect of <i>Gastrodia elata</i> Blume ethanol extracts (GEB) against beta-amyloid-induced BV2 cell death: Gastrodin and 4-hydroxybenzaldehyde (4-HBA) are the bio active candidates. <i>FASEB Journal</i> , 2011, 25, 1b298.	0.2	1
32	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.	1.1	29
33	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.	1.2	99
34	Dendroaspis Natriuretic Peptide Induces the Apoptosis of Cardiac Muscle Cells. <i>Immunopharmacology and Immunotoxicology</i> , 2005, 27, 33-51.	1.1	1
35	BI-1 Regulates an Apoptosis Pathway Linked to Endoplasmic Reticulum Stress. <i>Molecular Cell</i> , 2004, 15, 355-366.	4.5	283
36	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.	0.6	18