

Seok-Jo Kim

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,583
citations

361413

20
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

2853
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative stress and pulmonary fibrosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 1028-1040.	3.8	367
2	ROS-induced ROS release orchestrated by Nox4, Nox2, and mitochondria in VEGF signaling and angiogenesis. <i>American Journal of Physiology - Cell Physiology</i> , 2017, 312, C749-C764.	4.6	190
3	SIRT3 deficiency promotes lung fibrosis by augmenting alveolar epithelial cell mitochondrial DNA damage and apoptosis. <i>FASEB Journal</i> , 2017, 31, 2520-2532.	0.5	96
4	The Role of Mitochondrial DNA in Mediating Alveolar Epithelial Cell Apoptosis and Pulmonary Fibrosis. <i>International Journal of Molecular Sciences</i> , 2015, 16, 21486-21519.	4.1	90
5	Mitochondria-targeted Ogg1 and Aconitase-2 Prevent Oxidant-induced Mitochondrial DNA Damage in Alveolar Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 6165-6176.	3.4	85
6	Ganglioside GM3 inhibits VEGF/VEGFR-2-mediated angiogenesis: Direct interaction of GM3 with VEGFR-2. <i>Glycobiology</i> , 2008, 19, 229-239.	2.5	83
7	Novel role of p66Shc in ROS-dependent VEGF signaling and angiogenesis in endothelial cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H724-H732.	3.2	72
8	Mitochondrial catalase overexpressed transgenic mice are protected against lung fibrosis in part via preventing alveolar epithelial cell mitochondrial DNA damage. <i>Free Radical Biology and Medicine</i> , 2016, 101, 482-490.	2.9	68
9	Asbestos-Induced Alveolar Epithelial Cell Apoptosis. The Role of Endoplasmic Reticulum Stress Response. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 892-901.	2.9	61
10	Localized cysteine sulfenic acid formation by vascular endothelial growth factor: role in endothelial cell migration and angiogenesis. <i>Free Radical Research</i> , 2011, 45, 1124-1135.	3.3	56
11	Asbestos-Induced Pulmonary Fibrosis Is Augmented in 8-Oxoguanine DNA Glycosylase Knockout Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 52, 25-36.	2.9	47
12	Hypercapnia increases airway smooth muscle contractility via caspase-7-mediated miR-133a-RhoA signaling. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	39
13	The Ganglioside GM3 Is Associated with Cisplatin-Induced Apoptosis in Human Colon Cancer Cells. <i>PLoS ONE</i> , 2014, 9, e92786.	2.5	33
14	Critical Role of Endothelial Hydrogen Peroxide in Post-Ischemic Neovascularization. <i>PLoS ONE</i> , 2013, 8, e57618.	2.5	33
15	Ganglioside GM3 participates in the TGF- β 1-induced epithelial-mesenchymal transition of human lens epithelial cells. <i>Biochemical Journal</i> , 2013, 449, 241-251.	3.7	31
16	Klotho, an antiaging molecule, attenuates oxidant-induced alveolar epithelial cell mtDNA damage and apoptosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L16-L26.	2.9	31
17	Role of phospholipase D in bleomycin-induced mitochondrial reactive oxygen species generation, mitochondrial DNA damage, and pulmonary fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 317, L175-L187.	2.9	29
18	Monosialic ganglioside GM3 specifically suppresses the monocyte adhesion to endothelial cells for inflammation. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 46, 32-38.	2.8	27

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19	Mitochondrial 8-oxoguanine DNA glycosylase mitigates alveolar epithelial cell PINK1 deficiency, mitochondrial DNA damage, apoptosis, and lung fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L1084-L1096.	2.9	26
20	Sialyllactose suppresses angiogenesis by inhibiting VEGFR-2 activation, and tumor progression. <i>Oncotarget</i> , 2017, 8, 58152-58162.	1.8	25
21	SIRT3 Overexpression Ameliorates Asbestos-Induced Pulmonary Fibrosis, mt-DNA Damage, and Lung Fibrogenic Monocyte Recruitment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6856.	4.1	22
22	CAPE suppresses VEGFR-2 activation, and tumor neovascularization and growth. <i>Journal of Molecular Medicine</i> , 2013, 91, 271-282.	3.9	20
23	The AP-2 transcription factor is required for the ganglioside GM3-stimulated transcriptional regulation of a PTEN gene. <i>Glycobiology</i> , 2008, 18, 395-407.	2.5	18
24	The Sphingosine Kinase 1 Inhibitor, PF543, Mitigates Pulmonary Fibrosis by Reducing Lung Epithelial Cell mtDNA Damage and Recruitment of Fibrogenic Monocytes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5595.	4.1	16
25	Magneto mitochondrial dysfunction mediated cancer cell death using intracellular magnetic nano-transducers. <i>Biomaterials Science</i> , 2021, 9, 5497-5507.	5.4	8
26	Molecular mechanisms involved in transcriptional activation of the human Sia- α 2,3-Gal- β 1,4-GlcNAc-R: α 2,8-sialyltransferase (hST8Sia III) gene induced by KCl in human glioblastoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 344, 1057-1064.	2.1	5
27	Transcriptional regulation of the human Sia- α 2,3-Gal- β 1,4-GlcNAc-R: α 2,8-sialyltransferase (hST8Sia III) by retinoic acid in human glioblastoma tumor cell line. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2006, 1759, 451-457.	2.4	5
28	Epigenetic regulation of the Klotho / Miz 1 axis in cigarette smoke extract (CSE) induced alveolar epithelial cell (AEC) mtDNA damage and apoptosis. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0