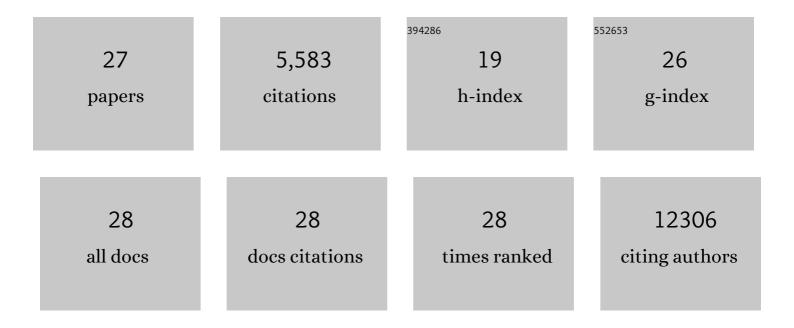
Jae-sung Kim

List of Publications by Year in descending order

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INF-SUNC KIM

#	Article	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
2	Mitochondrial permeability transition: a common pathway to necrosis and apoptosis. Biochemical and Biophysical Research Communications, 2003, 304, 463-470.	1.0	685
3	Reactive oxygen species, but not Ca2+ overloading, trigger pH- and mitochondrial permeability transition-dependent death of adult rat myocytes after ischemia-reperfusion. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 290, H2024-H2034.	1.5	264
4	Mitochondrial quality control mechanisms as molecular targets in cardiac ageing. Nature Reviews Cardiology, 2018, 15, 543-554.	6.1	207
5	Mitochondrial permeability transition in the switch from necrotic to apoptotic cell death in ischemic rat hepatocytes. Gastroenterology, 2003, 124, 494-503.	0.6	189
6	Impaired autophagy: A mechanism of mitochondrial dysfunction in anoxic rat hepatocytes. Hepatology, 2008, 47, 1725-1736.	3.6	175
7	SLC39A14 Is Required for the Development of Hepatocellular Iron Overload in Murine Models of Hereditary Hemochromatosis. Cell Metabolism, 2015, 22, 138-150.	7.2	171
8	Autophagy Suppresses Age-Dependent Ischemia and Reperfusion Injury in Livers of Mice. Gastroenterology, 2011, 141, 2188-2199.e6.	0.6	128
9	Nitric oxide protects rat hepatocytes against reperfusion injury mediated by the mitochondrial permeability transition. Hepatology, 2004, 39, 1533-1543.	3.6	105
10	Mitochondrial Dysfunction and Autophagy in Hepatic Ischemia/Reperfusion Injury. BioMed Research International, 2015, 2015, 1-14.	0.9	98
11	Mitochondrial permeability transition in rat hepatocytes after anoxia/reoxygenation: role of Ca ²⁺ -dependent mitochondrial formation of reactive oxygen species. American Journal of Physiology - Renal Physiology, 2012, 302, G723-G731.	1.6	71
12	Nitric oxide: a signaling molecule against mitochondrial permeability transition- and pH-dependent cell death after reperfusion. Free Radical Biology and Medicine, 2004, 37, 1943-1950.	1.3	67
13	Loss of sirtuin 1 and mitofusin 2 contributes to enhanced ischemia/reperfusion injury in aged livers. Aging Cell, 2018, 17, e12761.	3.0	60
14	Carbamazepine suppresses calpain-mediated autophagy impairment after ischemia/reperfusion in mouse livers. Toxicology and Applied Pharmacology, 2013, 273, 600-610.	1.3	38
15	Role of autophagy in differential sensitivity of hepatocarcinoma cells to sorafenib. World Journal of Hepatology, 2014, 6, 752.	0.8	34
16	Autophagy in the liver: cell's cannibalism and beyond. Archives of Pharmacal Research, 2016, 39, 1050-1061.	2.7	26
17	CUB domain-containing protein 1 and the epidermal growth factor receptor cooperate to induce cell detachment. Breast Cancer Research, 2016, 18, 80.	2.2	25
18	Carbon Monoxide Inhibits Islet Apoptosis <i>via</i> Induction of Autophagy. Antioxidants and Redox Signaling, 2018, 28, 1309-1322.	2.5	21

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#	Article	IF	CITATIONS
19	Mitophagy: Therapeutic Potentials for Liver Disease and Beyond. Toxicological Research, 2014, 30, 243-250.	1.1	21
20	Autophagy in Ischemic Livers: A Critical Role of Sirtuin 1/Mitofusin 2 Axis in Autophagy Induction. Toxicological Research, 2016, 32, 35-46.	1.1	17
21	Autophagy: Self-preservation through cannibalism of proteins and organelles. Surgery, 2015, 157, 1-5.	1.0	14
22	Opioid receptor-independent protection of ischemic rat hepatocytes by morphine. Biochemical and Biophysical Research Communications, 2006, 351, 958-964.	1.0	13
23	Sesquiterpene Alcohol Cedrol Chemosensitizes Human Cancer Cells and Suppresses Cell Proliferation by Destabilizing Plasma Membrane Lipid Rafts. Frontiers in Cell and Developmental Biology, 2020, 8, 571676.	1.8	13
24	Deacetylation of mitofusin-2 by sirtuin-1: A critical event in cell survival after ischemia. Molecular and Cellular Oncology, 2016, 3, e1087452.	0.3	10
25	Critical Roles of Calpastatin in Ischemia/Reperfusion Injury in Aged Livers. Cells, 2021, 10, 1863.	1.8	7
26	Cytoprotection of rat hepatocytes by desipramine in a model of simulated ischemia/reperfusion. Biochemistry and Biophysics Reports, 2021, 27, 101075.	0.7	1
27	Innovative Pharmacological/Therapeutic Approaches against Hepatic Ischemia/Reperfusion Injury. BioMed Research International, 2015, 2015, 1-2.	0.9	0