Chun-Seok Cho

List of Publications by Year
in descending order

20 papers	1,361 citations	623188 14 h-index	794141 19 g-index
24 all docs	24 docs citations	24 times ranked	2548 citing authors

#	Article	IF	Citations
1	Simultaneous loss of TSC1 and DEPDC5 in skeletal and cardiac muscles produces early-onset myopathy and cardiac dysfunction associated with oxidative damage and SQSTM1/p62 accumulation. Autophagy, 2022, 18, 2303-2322.	4.3	5
2	Holistic characterization of single-hepatocyte transcriptome responses to high-fat diet. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E244-E258.	1.8	17
3	Microscopic examination of spatial transcriptome using Seq-Scope. Cell, 2021, 184, 3559-3572.e22.	13.5	233
4	Single-Cell Transcriptome Analysis of Colon Cancer Cell Response to 5-Fluorouracil-Induced DNA Damage. Cell Reports, 2020, 32, 108077.	2.9	40
5	Pathological Consequences of Hepatic mTORC1 Dysregulation. Genes, 2020, 11, 896.	1.0	8
6	Sestrins are evolutionarily conserved mediators of exercise benefits. Nature Communications, 2020, 11, 190.	5.8	71
7	Concurrent activation of growth factor and nutrient arms of mTORC1 induces oxidative liver injury. Cell Discovery, 2019, 5, 60.	3.1	14
8	Lipotoxicity induces hepatic protein inclusions through TANK binding kinase 1â€“mediated p62/sequestosome 1 phosphorylation. Hepatology, 2018, 68, 1331-1346.	3.6	70
9	Autophagy Dysregulation and Obesity-Associated Pathologies. Molecules and Cells, 2018, 41, 3-10.	1.0	41
10	SIRT3 as a regulator of hepatic autophagy. Hepatology, 2017, 66, 700-702.	3.6	17
11	Tumor suppressive role of sestrin2 during colitis and colon carcinogenesis. ELife, 2016, 5, e12204.	2.8	74
12	Biochemical Basis of Sestrin Physiological Activities. Trends in Biochemical Sciences, 2016, 41, 621-632.	3.7	90
13	Janus-faced Sestrin2 controls ROS and mTOR signalling through two separate functional domains. Nature Communications, 2015, 6, 10025.	5.8	122
14	Circadian rhythm of hyperoxidized peroxiredoxin II is determined by hemoglobin autoxidation and the 20S proteasome in red blood cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12043-12048.	3.3	110
15	Sulfiredoxin Is Essential to Maintain Redox Homeostasis by Reactivating Antioxidant Function of Peroxiredoxin II in Red Blood Cells. Free Radical Biology and Medicine, 2012, 53, S104.	1.3	0
16	A specific and sensitive method for detection of hypochlorous acid for the imaging of microbe-induced HOCl production. Chemical Communications, 2011, 47, 4373.	2.2	238
17	Blot-Based Detection of Dehydroalanine-Containing Glutathione Peroxidase with the Use of Biotin-Conjugated Cysteamine. Methods in Enzymology, 2010, 474, 23-34.	0.4	13
18	Irreversible Inactivation of Glutathione Peroxidase 1 and Reversible Inactivation of Peroxiredoxin II by H₂O₂in Red Blood Cells. Antioxidants and Redox Signaling, 2010, 12, 1235-1246.	2.5	117

#	Article	IF	Citations
19	Hydroxyurea-Induced Expression of Glutathione Peroxidase 1 in Red Blood Cells of Individuals with Sickle Cell Anemia. Antioxidants and Redox Signaling, 2010, 13, 1-11.	2.5	47
20	The RING-H2â€“finger protein APC11 as a target of hydrogen peroxide. Free Radical Biology and Medicine, 2004, 37, 521-530.	1.3	27