

Hyongjong Koh

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34
papers

1,170
citations

17
h-index

34
g-index

36
ext. papers

1,338
ext. citations

5.8
avg, IF

3.75
L-index

#	Paper	IF	Citations
34	Energy-dependent regulation of cell structure by AMP-activated protein kinase. <i>Nature</i> , 2007 , 447, 1017-20	5.4	350
33	Cyclic AMP inhibits Akt activity by blocking the membrane localization of PDK1. <i>Journal of Biological Chemistry</i> , 2001 , 276, 12864-70	5.4	145
32	Extracellular zinc activates p70 S6 kinase through the phosphatidylinositol 3-kinase signaling pathway. <i>Journal of Biological Chemistry</i> , 2000 , 275, 25979-84	5.4	87
31	Cloning and characterization of a nuclear S6 kinase, S6 kinase-related kinase (SRK); a novel nuclear target of Akt. <i>Oncogene</i> , 1999 , 18, 5115-9	9.2	69
30	Inhibition of Akt and its anti-apoptotic activities by tumor necrosis factor-induced protein kinase C-related kinase 2 (PRK2) cleavage. <i>Journal of Biological Chemistry</i> , 2000 , 275, 34451-8	5.4	56
29	Inhibition of ERK-MAP kinase signaling by RSK during Drosophila development. <i>EMBO Journal</i> , 2006 , 25, 3056-67	13	52
28	Nek6 overexpression antagonizes p53-induced senescence in human cancer cells. <i>Cell Cycle</i> , 2010 , 9, 4703-10	4.7	48
27	Silent information regulator 2 (Sir2) and Forkhead box O (FOXO) complement mitochondrial dysfunction and dopaminergic neuron loss in Drosophila PTEN-induced kinase 1 (PINK1) null mutant. <i>Journal of Biological Chemistry</i> , 2012 , 287, 12750-8	5.4	47
26	Drosophila Porin/VDAC affects mitochondrial morphology. <i>PLoS ONE</i> , 2010 , 5, e13151	3.7	39
25	MKP-3 has essential roles as a negative regulator of the Ras/mitogen-activated protein kinase pathway during Drosophila development. <i>Molecular and Cellular Biology</i> , 2004 , 24, 573-83	4.8	38
24	Assessment of mitophagy in mt-Keima revealed an essential role of the PINK1-Parkin pathway in mitophagy induction. <i>FASEB Journal</i> , 2019 , 33, 9742-9751	0.9	33
23	PINK1 as a molecular checkpoint in the maintenance of mitochondrial function and integrity. <i>Molecules and Cells</i> , 2012 , 34, 7-13	3.5	30
22	Role of FOXO transcription factors in crosstalk between mitochondria and the nucleus. <i>Journal of Bioenergetics and Biomembranes</i> , 2017 , 49, 335-341	3.7	27
21	Isocitrate protects DJ-1 null dopaminergic cells from oxidative stress through NADP+-dependent isocitrate dehydrogenase (IDH). <i>PLoS Genetics</i> , 2017 , 13, e1006975	6	27
20	Tumor Necrosis Factor Receptor-associated Protein 1 (TRAP1) Mutation and TRAP1 Inhibitor Gamitrinib-triphenylphosphonium (G-TPP) Induce a Forkhead Box O (FOXO)-dependent Cell Protective Signal from Mitochondria. <i>Journal of Biological Chemistry</i> , 2016 , 291, 1841-1853	5.4	25
19	AMPK links energy status to cell structure and mitosis. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 362, 789-92	3.4	23
18	Overexpression of AMPKalpha1 Ameliorates Fatty Liver in Hyperlipidemic Diabetic Rats. <i>Korean Journal of Physiology and Pharmacology</i> , 2009 , 13, 449-54	1.8	21

17	The anti-hypertensive drug reserpine induces neuronal cell death through inhibition of autophagic flux. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 462, 402-8	3.4	15
16	PINK1 and Parkin to control mitochondria remodeling. <i>Anatomy and Cell Biology</i> , 2010 , 43, 179-84	1.4	15
15	Drp1 Phosphorylation Is Indispensable for Steroidogenesis in Leydig Cells. <i>Endocrinology</i> , 2019 , 160, 729-743	4.8	12
14	Human HSPB1 mutation recapitulates features of distal hereditary motor neuropathy (dHMN) in Drosophila. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 521, 220-226	3.4	5
13	PINK1 alleviates thermal hypersensitivity in a paclitaxel-induced Drosophila model of peripheral neuropathy. <i>PLoS ONE</i> , 2020 , 15, e0239126	3.7	3
12	Mitochondrial transcription factor B1 is required for mitochondrial function and oxidative stress resistance in Drosophila. <i>Genes and Genomics</i> , 2010 , 32, 455-461	2.1	1
11	Cyclophilin 1 (Cyp1) mutation ameliorates oxidative stress-induced defects in a Drosophila DJ-1 null mutant. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 505, 823-829	3.4	1
10	Maternal Exposure to Bisphenol A Impacts on Fecundity in F1 and F2 Generations in .. <i>Development & Reproduction</i> , 2021 , 25, 193-197	1.1	
9	PINK1 alleviates thermal hypersensitivity in a paclitaxel-induced Drosophila model of peripheral neuropathy 2020 , 15, e0239126		
8	PINK1 alleviates thermal hypersensitivity in a paclitaxel-induced Drosophila model of peripheral neuropathy 2020 , 15, e0239126		
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