Hyongjong Koh

List of Publications by Year
in descending order

35 papers	1,428 citations	430754 18 h-index	580701 25 g-index
36 all docs	36 docs citations	36 times ranked	2932 citing authors

#	Article	IF	Citations
1	Energy-dependent regulation of cell structure by AMP-activated protein kinase. Nature, 2007, 447, 1017-1020.	13.7	396
2	Cyclic AMP Inhibits Akt Activity by Blocking the Membrane Localization of PDK1. Journal of Biological Chemistry, 2001, 276, 12864-12870.	1.6	167
3	Extracellular Zinc Activates p70 S6 Kinase through the Phosphatidylinositol 3-Kinase Signaling Pathway. Journal of Biological Chemistry, 2000, 275, 25979-25984.	1.6	97
4	Cloning and characterization of a nuclear S6 kinase, S6 kinase-related kinase (SRK); A novel nuclear target of Akt. Oncogene, 1999, 18, 5115-5119.	2.6	73
5	Nek6 overexpression antagonizes p53-induced senescence in human cancer cells. Cell Cycle, 2010, 9, 4703-4710.	1.3	71
6	Inhibition of ERK-MAP kinase signaling by RSK during Drosophila development. EMBO Journal, 2006, 25, 3056-3067.	3.5	69
7	Assessment of mitophagy in mtâ€Keima Drosophila revealed an essential role of the PINK1â€Parkin pathway in mitophagy induction in vivo. FASEB Journal, 2019, 33, 9742-9751.	0.2	67
8	Inhibition of Akt and Its Anti-apoptotic Activities by Tumor Necrosis Factor-induced Protein Kinase C-related Kinase 2 (PRK2) Cleavage. Journal of Biological Chemistry, 2000, 275, 34451-34458.	1.6	59
9	Drosophila Porin/VDAC Affects Mitochondrial Morphology. PLoS ONE, 2010, 5, e13151.	1.1	57
10	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. Journal of Biological Chemistry, 2012, 287, 12750-12758.	1.6	55
11	MKP-3 Has Essential Roles as a Negative Regulator of the Ras/Mitogen-Activated Protein Kinase Pathway during Drosophila Development. Molecular and Cellular Biology, 2004, 24, 573-583.	1.1	40
12	Role of FOXO transcription factors in crosstalk between mitochondria and the nucleus. Journal of Bioenergetics and Biomembranes, 2017, 49, 335-341.	1.0	38
13	Isocitrate protects DJ-1 null dopaminergic cells from oxidative stress through NADP+-dependent isocitrate dehydrogenase (IDH). PLoS Genetics, 2017, 13, e1006975.	1.5	37
14	PINK1 as a Molecular Checkpoint in the Maintenance of Mitochondrial Function and Integrity. Molecules and Cells, 2012, 34, 7-14.	1.0	33
15	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. Journal of Biological Chemistry, 2016, 291, 1841-1853.	1.6	33
16	AMPK links energy status to cell structure and mitosis. Biochemical and Biophysical Research Communications, 2007, 362, 789-792.	1.0	26
17	Overexpression of AMPKÎ±1 Ameliorates Fatty Liver in Hyperlipidemic Diabetic Rats. Korean Journal of Physiology and Pharmacology, 2009, 13, 449.	0.6	26
18	Drp1 Phosphorylation Is Indispensable for Steroidogenesis in Leydig Cells. Endocrinology, 2019, 160, 729-743.	1.4	24

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19	The anti-hypertensive drug reserpine induces neuronal cell death through inhibition of autophagic flux. Biochemical and Biophysical Research Communications, 2015, 462, 402-408.	1.0	21
20	PINK1 and Parkin to control mitochondria remodeling. Anatomy and Cell Biology, 2010, 43, 179.	0.5	15
21	PINK1 alleviates thermal hypersensitivity in a paclitaxel-induced Drosophila model of peripheral neuropathy. PLoS ONE, 2020, 15, e0239126.	1.1	10
22	Human HSPB1 mutation recapitulates features of distal hereditary motor neuropathy (dHMN) in Drosophila. Biochemical and Biophysical Research Communications, 2020, 521, 220-226.	1.0	6
23	Pyruvate Dehydrogenase Kinase Protects Dopaminergic Neurons from Oxidative Stress in Drosophila DJ-1 Null Mutants. Molecules and Cells, 2022, 45, 454-464.	1.0	6
24	Mitochondrial transcription factor B1 is required for mitochondrial function and oxidative stress resistance in Drosophila. Genes and Genomics, 2010, 32, 455-461.	0.5	1
25	Cyclophilin 1 (Cyp1) mutation ameliorates oxidative stress-induced defects in a Drosophila DJ-1 null mutant. Biochemical and Biophysical Research Communications, 2018, 505, 823-829.	1.0	1
26	Maternal Exposure to Bisphenol A Impacts on Fecundity in F1 and F2 Generations in Drosophila melanogaster. Development & Reproduction, 2021, 25, 193-197.	0.1	0
27	Title is missing!. , 2020, 15, e0239126.		0
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