Jay H Chung

List of Publications by Year
in descending order

23 papers	3,075 citations	430442 18 h-index	642321 23 g-index
23 all docs	23 docs citations	23 times ranked	5431 citing authors

#	Article	IF	Citations
1	The role of the mitochondrial protein VDAC1 in inflammatory bowel disease: a potential therapeutic target. Molecular Therapy, 2022, 30, 726-744.	3.7	35
2	Inhibition of the catalytic subunit of DNAâ€dependent protein kinase (DNAâ€PKcs) stimulates osteoblastogenesis by potentiating bone morphogenetic protein 2 (BMP2) responses. Journal of Cellular Physiology, 2021, 236, 1195-1213.	2.0	4
3	Electrospun Microfibers Modulate Intracellular Amino Acids in Liver Cells via Integrin Î²1. Bioengineering, 2021, 8, 88.	1.6	2
4	Potent PDE4 inhibitor activates AMPK and Sirt1 to induce mitochondrial biogenesis. PLoS ONE, 2021, 16, e0253269.	1.1	3
5	Circulating mitochondrial DNA is a proinflammatory DAMP in sickle cell disease. Blood, 2021, 137, 3116-3126.	0.6	51
6	Early effects of roflumilast on insulin sensitivity in adults with prediabetes and overweight/obesity involve age-associated fat mass loss â€“ results of an exploratory study . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2019, Volume 12, 743-759.	1.1	12
7	VDAC oligomers form mitochondrial pores to release mtDNA fragments and promote lupus-like disease. Science, 2019, 366, 1531-1536.	6.0	344
8	The role of <scp>DNA</scp>â€<scp>PK</scp> in aging and energy metabolism. FEBS Journal, 2018, 285, 1959-1972.	2.2	31
9	Compound D159687, a phosphodiesterase 4D inhibitor, induces weight and fat mass loss in aged mice without changing lean mass, physical and cognitive function. Biochemical and Biophysical Research Communications, 2018, 506, 1059-1064.	1.0	4
10	High fat diet-induced changes of mouse hepatic transcription and enhancer activity can be reversed by subsequent weight loss. Scientific Reports, 2017, 7, 40220.	1.6	62
11	Sirt1 carboxyl-domain is an ATP-repressible domain that is transferrable to other proteins. Nature Communications, 2017, 8, 15560.	5.8	24
12	DNA-PK Promotes the Mitochondrial, Metabolic, and Physical Decline that Occurs During Aging. Cell Metabolism, 2017, 25, 1135-1146.e7.	7.2	92
13	Specific Sirt1 Activator-mediated Improvement in Glucose Homeostasis Requires Sirt1-Independent Activation of AMPK. EBioMedicine, 2017, 18, 128-138.	2.7	30
14	Metabolic effects of resveratrol: addressing the controversies. Cellular and Molecular Life Sciences, 2015, 72, 1473-1488.	2.4	90
15	Dendritic cells induce Th2-mediated airway inflammatory responses to house dust mite via DNA-dependent protein kinase. Nature Communications, 2015, 6, 6224.	5.8	32
16	The Multifunctional Sorting Protein PACS-2 Regulates SIRT1-Mediated Deacetylation of p53 to Modulate p21-Dependent Cell-Cycle Arrest. Cell Reports, 2014, 8, 1545-1557.	2.9	59
17	Metabolic benefits of inhibiting cAMP-PDEs with resveratrol. Adipocyte, 2012, 1, 256-258.	1.3	31
18	Resveratrol as a calorie restriction mimetic: therapeutic implications. Trends in Cell Biology, 2012, 22, 546-554.	3.6	169

#	Article	IF	Citations
19	Resveratrol Ameliorates Aging-Related Metabolic Phenotypes by Inhibiting cAMP Phosphodiesterases. Cell, 2012, 148, 421-433.	13.5	1,162
20	Using PDE inhibitors to harness the benefits of calorie restriction: lessons from resveratrol. Aging, 2012, 4, 144-145.	1.4	18
21	AMPK Regulates Circadian Rhythms in a Tissue- and Isoform-Specific Manner. PLoS ONE, 2011, 6, e18450.	1.1	113
22	AMP-Activated Protein Kinaseâ€“Deficient Mice Are Resistant to the Metabolic Effects of Resveratrol. Diabetes, 2010, 59, 554-563.	0.3	595
23	CK2 Is the Regulator of SIRT1 Substrate-Binding Affinity, Deacetylase Activity and Cellular Response to DNA-Damage. PLoS ONE, 2009, 4, e6611.	1.1	112