

# Jay H Chung

## List of Publications by Year in descending order

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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	Resveratrol Ameliorates Aging-Related Metabolic Phenotypes by Inhibiting cAMP Phosphodiesterases. <i>Cell</i> , 2012, 148, 421-433.	13.5	1,162
2	AMP-Activated Protein Kinase-Deficient Mice Are Resistant to the Metabolic Effects of Resveratrol. <i>Diabetes</i> , 2010, 59, 554-563.	0.3	595
3	VDAC oligomers form mitochondrial pores to release mtDNA fragments and promote lupus-like disease. <i>Science</i> , 2019, 366, 1531-1536.	6.0	344
4	Resveratrol as a calorie restriction mimetic: therapeutic implications. <i>Trends in Cell Biology</i> , 2012, 22, 546-554.	3.6	169
5	AMPK Regulates Circadian Rhythms in a Tissue- and Isoform-Specific Manner. <i>PLoS ONE</i> , 2011, 6, e18450.	1.1	113
6	CK2 Is the Regulator of SIRT1 Substrate-Binding Affinity, Deacetylase Activity and Cellular Response to DNA-Damage. <i>PLoS ONE</i> , 2009, 4, e6611.	1.1	112
7	DNA-PK Promotes the Mitochondrial, Metabolic, and Physical Decline that Occurs During Aging. <i>Cell Metabolism</i> , 2017, 25, 1135-1146.e7.	7.2	92
8	Metabolic effects of resveratrol: addressing the controversies. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 1473-1488.	2.4	90
9	High fat diet-induced changes of mouse hepatic transcription and enhancer activity can be reversed by subsequent weight loss. <i>Scientific Reports</i> , 2017, 7, 40220.	1.6	62
10	The Multifunctional Sorting Protein PACS-2 Regulates SIRT1-Mediated Deacetylation of p53 to Modulate p21-Dependent Cell-Cycle Arrest. <i>Cell Reports</i> , 2014, 8, 1545-1557.	2.9	59
11	Circulating mitochondrial DNA is a proinflammatory DAMP in sickle cell disease. <i>Blood</i> , 2021, 137, 3116-3126.	0.6	51
12	The role of the mitochondrial protein VDAC1 in inflammatory bowel disease: a potential therapeutic target. <i>Molecular Therapy</i> , 2022, 30, 726-744.	3.7	35
13	Dendritic cells induce Th2-mediated airway inflammatory responses to house dust mite via DNA-dependent protein kinase. <i>Nature Communications</i> , 2015, 6, 6224.	5.8	32
14	Metabolic benefits of inhibiting cAMP-PDEs with resveratrol. <i>Adipocyte</i> , 2012, 1, 256-258.	1.3	31
15	The role of DNA-PK in aging and energy metabolism. <i>FEBS Journal</i> , 2018, 285, 1959-1972.	2.2	31
16	Specific Sirt1 Activator-mediated Improvement in Glucose Homeostasis Requires Sirt1-Independent Activation of AMPK. <i>EBioMedicine</i> , 2017, 18, 128-138.	2.7	30
17	Sirt1 carboxyl-domain is an ATP-repressible domain that is transferrable to other proteins. <i>Nature Communications</i> , 2017, 8, 15560.	5.8	24
18	Using PDE inhibitors to harness the benefits of calorie restriction: lessons from resveratrol. <i>Aging</i> , 2012, 4, 144-145.	1.4	18

#	ARTICLE	IF	CITATIONS
19	&lt;p&gt;Early effects of roflumilast on insulin sensitivity in adults with prediabetes and overweight/obesity involve age-associated fat mass loss “ results of an exploratory study&lt;/p&gt;. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2019, Volume 12, 743-759.	1.1	12
20	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
21	Inhibition of the catalytic subunit of DNA-dependent protein kinase (DNA-PKcs) stimulates osteoblastogenesis by potentiating bone morphogenetic protein 2 (BMP2) responses. Journal of Cellular Physiology, 2021, 236, 1195-1213.	2.0	4
22	Potent PDE4 inhibitor activates AMPK and Sirt1 to induce mitochondrial biogenesis. PLoS ONE, 2021, 16, e0253269.	1.1	3
23	Electrospun Microfibers Modulate Intracellular Amino Acids in Liver Cells via Integrin $\beta$ 1. Bioengineering, 2021, 8, 88.	1.6	2