

# Jihoon Nah

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

2,013  
citations

361413

20  
h-index

477307

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

3969  
citing authors

#	ARTICLE	IF	CITATIONS
1	Overexpression of Atg5 in mice activates autophagy and extends lifespan. Nature Communications, 2013, 4, 2300.	12.8	559
2	Molecules and their functions in autophagy. Experimental and Molecular Medicine, 2012, 44, 73.	7.7	197
3	Autophagy in Neurodegenerative Diseases: From Mechanism to Therapeutic Approach. Molecules and Cells, 2015, 38, 381-389.	2.6	178
4	An alternative mitophagy pathway mediated by Rab9 protects the heart against ischemia. Journal of Clinical Investigation, 2019, 129, 802-819.	8.2	177
5	The flavonoid 4,4'-dimethoxychalcone promotes autophagy-dependent longevity across species. Nature Communications, 2019, 10, 651.	12.8	100
6	Upregulation of Rubicon promotes autophagy during myocardial ischemia/reperfusion injury. Journal of Clinical Investigation, 2020, 130, 2978-2991.	8.2	87
7	Mitophagy as a Protective Mechanism against Myocardial Stress. , 2017, 7, 1407-1424.		73
8	Caspase-cleaved tau exhibits rapid memory impairment associated with tau oligomers in a transgenic mouse model. Neurobiology of Disease, 2016, 87, 19-28.	4.4	54
9	Phosphorylated CAV1 activates autophagy through an interaction with BECN1 under oxidative stress. Cell Death and Disease, 2017, 8, e2822-e2822.	6.3	54
10	3,4'-Dimethoxychalcone induces autophagy through activation of the transcription factors <sc>TFE</sc> 3 and <sc>TFEB</sc>. EMBO Molecular Medicine, 2019, 11, e10469.	6.9	45
11	Comprehensive autophagy evaluation in cardiac disease models. Cardiovascular Research, 2020, 116, 483-504.	3.8	41
12	Autophagy. JACC Basic To Translational Science, 2020, 5, 857-869.	4.1	39
13	Interaction between the autophagy protein Beclin 1 and Na <sup>+</sup> ,K <sup>+</sup> -ATPase during starvation, exercise, and ischemia. JCI Insight, 2020, 5, .	5.0	37
14	Compensatory activation of ERK1/2 in Atg5-deficient mouse embryo fibroblasts suppresses oxidative stress-induced cell death. Autophagy, 2008, 4, 315-321.	9.1	35
15	BECN1/Beclin 1 is recruited into lipid rafts by p115 to activate autophagy in response to amyloid $\beta$ . Autophagy, 2013, 9, 2009-2021.	9.1	33
16	Does Autophagy Mediate Cardiac Myocyte Death During Stress?. Circulation Research, 2016, 119, 893-895.	4.5	33
17	Protection of Cardiomyocytes from Ischemic/Hypoxic Cell Death via Drbp1 and pMe2GlyDH in Cardio-specific ARC Transgenic Mice. Journal of Biological Chemistry, 2008, 283, 30707-30714.	3.4	31
18	Pyruvate stimulates mitophagy via PINK1 stabilization. Cellular Signalling, 2015, 27, 1824-1830.	3.6	29

#	ARTICLE	IF	CITATIONS
19	YAP plays a crucial role in the development of cardiomyopathy in lysosomal storage diseases. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	29
20	Pimozide reduces toxic forms of tau in TauC3 mice via 5 $\beta$ adenosine monophosphate $\beta$ -activated protein kinase $\beta$ -mediated autophagy. <i>Journal of Neurochemistry</i> , 2017, 142, 734-746.	3.9	28
21	Essential role of POLDIP2 in Tau aggregation and neurotoxicity via autophagy/proteasome inhibition. <i>Biochemical and Biophysical Research Communications</i> , 2015, 462, 112-118.	2.1	23
22	Ulk1-dependent alternative mitophagy plays a protective role during pressure overload in the heart. <i>Cardiovascular Research</i> , 2022, 118, 2638-2651.	3.8	23
23	OCIAD2 activates $\beta$ -secretase to enhance amyloid $\beta$ production by interacting with nicastrin. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 2561-2576.	5.4	22
24	Dual $\beta$ -specificity phosphatase 26 (<sc>DUSP</sc>26) stimulates A $\beta$ 42 generation by promoting amyloid precursor protein axonal transport during hypoxia. <i>Journal of Neurochemistry</i> , 2016, 137, 770-781.	3.9	20
25	Thioredoxin-1 maintains mitochondrial function via mechanistic target of rapamycin signalling in the heart. <i>Cardiovascular Research</i> , 2020, 116, 1742-1755.	3.8	18
26	Tfeb-Mediated Transcriptional Regulation of Autophagy Induces Autosis during Ischemia/Reperfusion in the Heart. <i>Cells</i> , 2022, 11, 258.	4.1	12
27	The role of the Hippo pathway in autophagy in the heart. <i>Cardiovascular Research</i> , 2023, 118, 3320-3330.	3.8	11
28	SERP1 is an assembly regulator of $\beta$ -secretase in metabolic stress conditions. <i>Science Signaling</i> , 2020, 13, .	3.6	9
29	Low levels of methyl $\beta$ -cyclodextrin disrupt GluA1 $\beta$ -dependent synaptic potentiation but not synaptic depression. <i>Journal of Neurochemistry</i> , 2015, 132, 276-285.	3.9	8
30	The roles of the inhibitory autophagy regulator Rubicon in the heart: A new therapeutic target to prevent cardiac cell death. <i>Experimental and Molecular Medicine</i> , 2021, 53, 528-536.	7.7	8