

Yong-Keun Jung

List of Publications by Citations

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101
papers

13,010
citations

40
h-index

103
g-index

103
ext. papers

14,306
ext. citations

7.6
avg, IF

5.47
L-index

#	Paper	IF	Citations
101	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
100	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-546	10.2	2783
99	An anti-apoptotic protein human survivin is a direct inhibitor of caspase-3 and -7. <i>Biochemistry</i> , 2001 , 40, 1117-23	3.2	589
98	Murine caspase-11, an ICE-interacting protease, is essential for the activation of ICE. <i>Cell</i> , 1998 , 92, 501-9	5.2	585
97	Overexpression of Atg5 in mice activates autophagy and extends lifespan. <i>Nature Communications</i> , 2013 , 4, 2300	17.4	420
96	Essential roles of Atg5 and FADD in autophagic cell death: dissection of autophagic cell death into vacuole formation and cell death. <i>Journal of Biological Chemistry</i> , 2005 , 280, 20722-9	5.4	417
95	Alternative cleavage of Alzheimer-associated presenilins during apoptosis by a caspase-3 family protease. <i>Science</i> , 1997 , 277, 373-6	33.3	335
94	Identification and characterization of Ich-3, a member of the interleukin-1beta converting enzyme (ICE)/Ced-3 family and an upstream regulator of ICE. <i>Journal of Biological Chemistry</i> , 1996 , 271, 20580-7	5.4	194
93	Proapoptotic effects of tau cleavage product generated by caspase-3. <i>Neurobiology of Disease</i> , 2001 , 8, 162-72	7.5	176
92	Molecules and their functions in autophagy. <i>Experimental and Molecular Medicine</i> , 2012 , 44, 73-80	12.8	170
91	A nuclear factor, ASC-2, as a cancer-amplified transcriptional coactivator essential for ligand-dependent transactivation by nuclear receptors in vivo. <i>Journal of Biological Chemistry</i> , 1999 , 274, 34283-93	5.4	169
90	A Molecular Approach to Mitophagy and Mitochondrial Dynamics. <i>Molecules and Cells</i> , 2018 , 41, 18-26	3.5	164
89	Autophagy in neurodegenerative diseases: from mechanism to therapeutic approach. <i>Molecules and Cells</i> , 2015 , 38, 381-9	3.5	139
88	Essential role of E2-25K/Hip-2 in mediating amyloid-beta neurotoxicity. <i>Molecular Cell</i> , 2003 , 12, 553-63	17.6	127
87	Cleavage of Bax is mediated by caspase-dependent or -independent calpain activation in dopaminergic neuronal cells: protective role of Bcl-2. <i>Journal of Neurochemistry</i> , 2001 , 77, 1531-41	6	114
86	IRE1 plays an essential role in ER stress-mediated aggregation of mutant huntingtin via the inhibition of autophagy flux. <i>Human Molecular Genetics</i> , 2012 , 21, 101-14	5.6	107
85	Identification and functional characterization of cereblon as a binding protein for large-conductance calcium-activated potassium channel in rat brain. <i>Journal of Neurochemistry</i> , 2005 , 94, 1212-24	6	103

84	Calpain-dependent cleavage of cain/cabin1 activates calcineurin to mediate calcium-triggered cell death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 9870-5	11.5	103
83	Autophagy induction by capsaicin in malignant human breast cells is modulated by p38 and extracellular signal-regulated mitogen-activated protein kinases and retards cell death by suppressing endoplasmic reticulum stress-mediated apoptosis. <i>Molecular Pharmacology</i> , 2010 , 78, 114-25	4.3	102
82	Suppression of interleukin-1 beta-converting enzyme-mediated cell death by insulin-like growth factor. <i>Journal of Biological Chemistry</i> , 1996 , 271, 5112-7	5.4	91
81	FcRIIb mediates amyloid- β neurotoxicity and memory impairment in Alzheimer's disease. <i>Journal of Clinical Investigation</i> , 2013 , 123, 2791-802	15.9	91
80	Choline dehydrogenase interacts with SQSTM1/p62 to recruit LC3 and stimulate mitophagy. <i>Autophagy</i> , 2014 , 10, 1906-20	10.2	81
79	Fas-associated factor 1, FAF1, is a member of Fas death-inducing signaling complex. <i>Journal of Biological Chemistry</i> , 2003 , 278, 24003-10	5.4	75
78	E2-25K/Hip-2 regulates caspase-12 in ER stress-mediated A β neurotoxicity. <i>Journal of Cell Biology</i> , 2008 , 182, 675-84	7.3	69
77	AK2 activates a novel apoptotic pathway through formation of a complex with FADD and caspase-10. <i>Nature Cell Biology</i> , 2007 , 9, 1303-10	23.4	68
76	Pro-apoptotic function of calsenilin/DREAM/KChIP3. <i>FASEB Journal</i> , 2001 , 15, 589-91	0.9	66
75	Neuropathogenic role of adenylate kinase-1 in A β -mediated tau phosphorylation via AMPK and GSK3 β . <i>Human Molecular Genetics</i> , 2012 , 21, 2725-37	5.6	61
74	Selenite negatively regulates caspase-3 through a redox mechanism. <i>Journal of Biological Chemistry</i> , 2000 , 275, 8487-91	5.4	56
73	Fas- and tumor necrosis factor-mediated apoptosis uses the same binding surface of FADD to trigger signal transduction. A typical model for convergent signal transduction. <i>Journal of Biological Chemistry</i> , 2000 , 275, 36217-22	5.4	55
72	Plantainoside D protects adriamycin-induced apoptosis in H9c2 cardiac muscle cells via the inhibition of ROS generation and NF-kappaB activation. <i>Life Sciences</i> , 2007 , 80, 314-23	6.8	51
71	Alzheimer's disease meets the ubiquitin-proteasome system. <i>Trends in Molecular Medicine</i> , 2004 , 10, 565-70	11.5	50
70	Calcium binding of ARC mediates regulation of caspase 8 and cell death. <i>Molecular and Cellular Biology</i> , 2004 , 24, 9763-70	4.8	48
69	Induction of pro-apoptotic calsenilin/DREAM/KChIP3 in Alzheimer's disease and cultured neurons after amyloid-beta exposure. <i>Journal of Neurochemistry</i> , 2004 , 88, 604-11	6	48
68	Identification and integrative analysis of 28 novel genes specifically expressed and developmentally regulated in murine spermatogenic cells. <i>Journal of Biological Chemistry</i> , 2005 , 280, 7685-93	5.4	47
67	Induced inhibition of ischemic/hypoxic injury by APIP, a novel Apaf-1-interacting protein. <i>Journal of Biological Chemistry</i> , 2004 , 279, 39942-50	5.4	46

66	The involvement of oxidative stress in tumor necrosis factor (TNF)-related apoptosis-inducing ligand (TRAIL)-induced apoptosis in HeLa cells. <i>Cancer Letters</i> , 2002 , 182, 75-82	9.9	45
65	Dimethyl sulfoxide reduces hepatocellular lipid accumulation through autophagy induction. <i>Autophagy</i> , 2012 , 8, 1085-97	10.2	44
64	The DUSP26 phosphatase activator adenylate kinase 2 regulates FADD phosphorylation and cell growth. <i>Nature Communications</i> , 2014 , 5, 3351	17.4	42
63	SCAMP5 links endoplasmic reticulum stress to the accumulation of expanded polyglutamine protein aggregates via endocytosis inhibition. <i>Journal of Biological Chemistry</i> , 2009 , 284, 11318-25	5.4	42
62	Potential of Fas- and TRAIL-mediated apoptosis by IFN-gamma in A549 lung epithelial cells: enhancement of caspase-8 expression through IFN-response element. <i>Cytokine</i> , 2002 , 20, 283-8	4	40
61	Caspase-cleaved tau exhibits rapid memory impairment associated with tau oligomers in a transgenic mouse model. <i>Neurobiology of Disease</i> , 2016 , 87, 19-28	7.5	39
60	Neuronal vulnerability of CLN3 deletion to calcium-induced cytotoxicity is mediated by calsenilin. <i>Human Molecular Genetics</i> , 2007 , 16, 317-26	5.6	39
59	FLASH coordinates NF-kappa B activity via TRAF2. <i>Journal of Biological Chemistry</i> , 2001 , 276, 25073-7	5.4	39
58	Structural basis of E2-25K/UBB+1 interaction leading to proteasome inhibition and neurotoxicity. <i>Journal of Biological Chemistry</i> , 2010 , 285, 36070-80	5.4	38
57	Overexpression of calsenilin enhances gamma-secretase activity. <i>Neuroscience Letters</i> , 2005 , 378, 59-64	3.3	38
56	Synergetic activation of p38 mitogen-activated protein kinase and caspase-3-like proteases for execution of calyculin A-induced apoptosis but not N-methyl-D-aspartate-induced necrosis in mouse cortical neurons. <i>Journal of Neurochemistry</i> , 2000 , 74, 2455-61	6	37
55	Intracellular cleavage of osteopontin by caspase-8 modulates hypoxia/reoxygenation cell death through p53. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 15326-31	11.5	35
54	Amyloid beta receptors responsible for neurotoxicity and cellular defects in Alzheimer's disease. <i>Cellular and Molecular Life Sciences</i> , 2014 , 71, 4803-13	10.3	33
53	Compensatory activation of ERK1/2 in Atg5-deficient mouse embryo fibroblasts suppresses oxidative stress-induced cell death. <i>Autophagy</i> , 2008 , 4, 315-21	10.2	33
52	Role of S5b/PSMD5 in proteasome inhibition caused by TNF- α /NF κ B in higher eukaryotes. <i>Cell Reports</i> , 2012 , 2, 603-15	10.6	32
51	The Interplay between Autophagy and Aging. <i>Diabetes and Metabolism Journal</i> , 2013 , 37, 333-9	5	29
50	Selective induction of catalase-mediated autophagy by dihydrocapsaicin in lung cell lines. <i>Free Radical Biology and Medicine</i> , 2010 , 49, 245-57	7.8	29
49	BECN1/Beclin 1 is recruited into lipid rafts by prion to activate autophagy in response to amyloid β . <i>Autophagy</i> , 2013 , 9, 2009-21	10.2	28

48	FcγIIb-SHIP2 axis links Aβ to tau pathology by disrupting phosphoinositide metabolism in Alzheimer's disease model. <i>ELife</i> , 2016 , 5,	8.9	28
47	Phosphorylated CAV1 activates autophagy through an interaction with BECN1 under oxidative stress. <i>Cell Death and Disease</i> , 2017 , 8, e2822	9.8	27
46	Lithium rescues the impaired autophagy process in CbCln3(Δx7/8/Δx7/8) cerebellar cells and reduces neuronal vulnerability to cell death via IMPase inhibition. <i>Journal of Neurochemistry</i> , 2011 , 116, 659-68	6	27
45	Induction of pro-apoptotic calsenilin/DREAM/KChIP3 in Alzheimer's disease and cultured neurons after amyloid-β exposure. <i>Journal of Neurochemistry</i> , 2004 , 88, 1570-1570	6	27
44	Design and synthesis of 1,4-dihydropyridine derivatives as BACE-1 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 2578-90	6.8	26
43	Protection of cardiomyocytes from ischemic/hypoxic cell death via Drbp1 and pMe2GlyDH in cardio-specific ARC transgenic mice. <i>Journal of Biological Chemistry</i> , 2008 , 283, 30707-14	5.4	25
42	Contribution of presenilin/gamma-secretase to calsenilin-mediated apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 305, 62-6	3.4	25
41	Role of FLASH in caspase-8-mediated activation of NF-kappaB: dominant-negative function of FLASH mutant in NF-kappaB signaling pathway. <i>Oncogene</i> , 2005 , 24, 688-96	9.2	25
40	Caspase cleavage product lacking amino-terminus of IkappaBalpha sensitizes resistant cells to TNF-alpha and TRAIL-induced apoptosis. <i>Journal of Cellular Biochemistry</i> , 2002 , 85, 334-45	4.7	24
39	iRhom1 regulates proteasome activity via PAC1/2 under ER stress. <i>Scientific Reports</i> , 2015 , 5, 11559	4.9	23
38	Structural and biochemical basis for the inhibition of cell death by APIP, a methionine salvage enzyme. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E54-61	11.5	23
37	ENC1 Modulates the Aggregation and Neurotoxicity of Mutant Huntingtin Through p62 Under ER Stress. <i>Molecular Neurobiology</i> , 2016 , 53, 6620-6634	6.2	22
36	Identification and characterization of ADAM32 with testis-predominant gene expression. <i>Gene</i> , 2003 , 304, 151-62	3.8	22
35	Pimozide reduces toxic forms of tau in TauC3 mice via 5Sadenosine monophosphate-activated protein kinase-mediated autophagy. <i>Journal of Neurochemistry</i> , 2017 , 142, 734-746	6	19
34	Characterization and comparative genomic analysis of intronless Adams with testicular gene expression. <i>Genomics</i> , 2004 , 83, 636-46	4.3	19
33	Down-regulation of ARC contributes to vulnerability of hippocampal neurons to ischemia/hypoxia. <i>FEBS Letters</i> , 2003 , 543, 170-3	3.8	18
32	Reduced expression of calsenilin/DREAM/KChIP3 in the brains of kainic acid-induced seizure and epilepsy patients. <i>Neuroscience Letters</i> , 2003 , 340, 33-6	3.3	18
31	Reconstitution of caspase-8 sensitizes JB6 cells to TRAIL. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 277, 311-6	3.4	18

30	FKBP8 LIRL-dependent mitochondrial fragmentation facilitates mitophagy under stress conditions. <i>FASEB Journal</i> , 2020 , 34, 2944-2957	0.9	18
29	Pyruvate stimulates mitophagy via PINK1 stabilization. <i>Cellular Signalling</i> , 2015 , 27, 1824-30	4.9	17
28	OCIAD2 activates β -secretase to enhance amyloid β production by interacting with nicastrin. <i>Cellular and Molecular Life Sciences</i> , 2014 , 71, 2561-76	10.3	17
27	Inactivation of farnesyltransferase and geranylgeranyltransferase I by caspase-3: cleavage of the common alpha subunit during apoptosis. <i>Oncogene</i> , 2001 , 20, 358-66	9.2	17
26	Amyloid β -induced FOXRED2 mediates neuronal cell death via inhibition of proteasome activity. <i>Cellular and Molecular Life Sciences</i> , 2011 , 68, 2115-27	10.3	16
25	Suppression of interleukin-1beta converting enzyme (ICE)-induced apoptosis by SV40 large T antigen. <i>Oncogene</i> , 1997 , 14, 1207-14	9.2	16
24	TOM1 Regulates Neuronal Accumulation of Amyloid- β Oligomers by Fc β 11b2 Variant in Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2018 , 38, 9001-9018	6.6	16
23	SUMO-Modified FADD Recruits Cytosolic Drp1 and Caspase-10 to Mitochondria for Regulated Necrosis. <i>Molecular and Cellular Biology</i> , 2017 , 37,	4.8	15
22	Dual-specificity phosphatase 26 (DUSP26) stimulates A β 2 generation by promoting amyloid precursor protein axonal transport during hypoxia. <i>Journal of Neurochemistry</i> , 2016 , 137, 770-81	6	15
21	Atypical role of proximal caspase-8 in truncated Tau-induced neurite regression and neuronal cell death. <i>Neurobiology of Disease</i> , 2003 , 14, 557-66	7.5	14
20	Essential role of POLDIP2 in Tau aggregation and neurotoxicity via autophagy/proteasome inhibition. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 462, 112-8	3.4	13
19	Characterization of subcellular localization and Ca ²⁺ modulation of calsenilin/DREAM/KChIP3. <i>NeuroReport</i> , 2008 , 19, 1193-7	1.7	12
18	Inhibition of Bcl10-mediated activation of NF-kappa B by BinCARD, a Bcl10-interacting CARD protein. <i>FEBS Letters</i> , 2004 , 578, 239-44	3.8	12
17	The nuclear inclusion a (NIa) protease of turnip mosaic virus (TuMV) cleaves amyloid- β . <i>PLoS ONE</i> , 2010 , 5, e15645	3.7	11
16	Casein kinase-1 α and 3 stimulate tumor necrosis factor-induced necroptosis through RIPK3. <i>Cell Death and Disease</i> , 2019 , 10, 923	9.8	10
15	E2-25K SUMOylation inhibits proteasome for cell death during cerebral ischemia/reperfusion. <i>Cell Death and Disease</i> , 2016 , 7, e2573	9.8	9
14	Calsenilin contributes to neuronal cell death in ischemic stroke. <i>Brain Pathology</i> , 2013 , 23, 402-12	6	8
13	Amelioration of amyloid β -Fc β 11b neurotoxicity and tau pathologies by targeting LYN. <i>FASEB Journal</i> , 2019 , 33, 4300-4313	0.9	8

12	DR4-Ser424 -GlcNAcylation Promotes Sensitization of TRAIL-Tolerant Persisters and TRAIL-Resistant Cancer Cells to Death. <i>Cancer Research</i> , 2019 , 79, 2839-2852	10.1	7
11	Identification of glucose-6-phosphate transporter as a key regulator functioning at the autophagy initiation step. <i>FEBS Letters</i> , 2015 , 589, 2100-9	3.8	7
10	Suppression of receptor-mediated apoptosis by death effector domain recruiting domain binding peptide aptamer. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 343, 1165-70	3.4	7
9	APIP, an ERBB3-binding partner, stimulates erbB2-3 heterodimer formation to promote tumorigenesis. <i>Oncotarget</i> , 2016 , 7, 21601-17	3.3	7
8	Low levels of methyl β -cyclodextrin disrupt GluA1-dependent synaptic potentiation but not synaptic depression. <i>Journal of Neurochemistry</i> , 2015 , 132, 276-85	6	6
7	SERP1 is an assembly regulator of β -secretase in metabolic stress conditions. <i>Science Signaling</i> , 2020 , 13,	8.8	5
6	Cardioprotective role of APIP in myocardial infarction through ADORA2B. <i>Cell Death and Disease</i> , 2019 , 10, 511	9.8	4
5	An alternative spliced mouse presenilin-2 mRNA encodes a novel gamma-secretase inhibitor. <i>FEBS Letters</i> , 2009 , 583, 1403-8	3.8	4
4	Aberrant role of ALK in tau proteinopathy through autophagosomal dysregulation. <i>Molecular Psychiatry</i> , 2021 ,	15.1	2
3	Aberrant role of pyruvate kinase M2 in the regulation of gamma-secretase and memory deficits in Alzheimer's disease. <i>Cell Reports</i> , 2021 , 37, 110102	10.6	1
2	AK2 is an AMP-sensing negative regulator of BRAF in tumorigenesis.. <i>Cell Death and Disease</i> , 2022 , 13, 469	9.8	0
1	Highlighting apoptosis in neuronal injury. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 520, 681	3.4	