Yong-Keun Jung

List of Publications by Year
in descending order

101 papers	15,424 citations	61984 43 h-index	32842 100 g-index
103 all docs	103 docs citations	103 times ranked	28182 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
3	Murine Caspase-11, an ICE-Interacting Protease, Is Essential for the Activation of ICE. Cell, 1998, 92, 501-509.	28.9	661
4	An Anti-apoptotic Protein Human Survivin Is a Direct Inhibitor of Caspase-3 and -7â€. Biochemistry, 2001, 40, 1117-1123.	2.5	648
5	Overexpression of Atg5 in mice activates autophagy and extends lifespan. Nature Communications, 2013, 4, 2300.	12.8	559
6	Essential Roles of Atg5 and FADD in Autophagic Cell Death. Journal of Biological Chemistry, 2005, 280, 20722-20729.	3.4	476
7	Alternative Cleavage of Alzheimer-Associated Presenilins During Apoptosis by a Caspase-3 Family Protease. Science, 1997, 277, 373-376.	12.6	361
8	A Molecular Approach to Mitophagy and Mitochondrial Dynamics. Molecules and Cells, 2018, 41, 18-26.	2.6	253
9	Identification and Characterization of Ich-3, a Member of the Interleukin-1Î² Converting Enzyme (ICE)/Ced-3 Family and an Upstream Regulator of ICE. Journal of Biological Chemistry, 1996, 271, 20580-20587.	3.4	218
10	Molecules and their functions in autophagy. Experimental and Molecular Medicine, 2012, 44, 73.	7.7	197
11	Proapoptotic Effects of Tau Cleavage Product Generated by Caspase-3. Neurobiology of Disease, 2001, 8, 162-172.	4.4	195
12	A Nuclear Factor, ASC-2, as a Cancer-amplified Transcriptional Coactivator Essential for Ligand-dependent Transactivation by Nuclear Receptors in Vivo. Journal of Biological Chemistry, 1999, 274, 34283-34293.	3.4	190
13	Autophagy in Neurodegenerative Diseases: From Mechanism to Therapeutic Approach. Molecules and Cells, 2015, 38, 381-389.	2.6	178
14	Essential Role of E2-25K/Hip-2 in Mediating Amyloid-Î² Neurotoxicity. Molecular Cell, 2003, 12, 553-563.	9.7	151
15	IRE1 plays an essential role in ER stress-mediated aggregation of mutant huntingtin via the inhibition of autophagy flux. Human Molecular Genetics, 2012, 21, 101-114.	2.9	132
16	Cleavage of Bax is mediated by caspaseâ€dependent or â€independent calpain activation in dopaminergic neuronal cells: protective role of Bclâ€2. Journal of Neurochemistry, 2001, 77, 1531-1541.	3.9	126
17	Identification and functional characterization of cereblon as a binding protein for large-conductance calcium-activated potassium channel in rat brain. Journal of Neurochemistry, 2005, 94, 1212-1224.	3.9	120
18	Calpain-dependent cleavage of cain/cabin1 activates calcineurin to mediate calcium-triggered cell death. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 9870-9875.	7.1	116

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19	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. Molecular Pharmacology, 2010, 78, 114-125.	2.3	115
20	Suppression of Interleukin-1Î²-converting Enzyme-mediated Cell Death by Insulin-like Growth Factor. Journal of Biological Chemistry, 1996, 271, 5112-5117.	3.4	107
21	FcÎ³RIIb mediates amyloid-Î² neurotoxicity and memory impairment in Alzheimerâ€™s disease. Journal of Clinical Investigation, 2013, 123, 2791-2802.	8.2	105
22	Choline dehydrogenase interacts with SQSTM1/p62 to recruit LC3 and stimulate mitophagy. Autophagy, 2014, 10, 1906-1920.	9.1	104
23	Fas-associated Factor 1, FAF1, Is a Member of Fas Death-inducing Signaling Complex. Journal of Biological Chemistry, 2003, 278, 24003-24010.	3.4	89
24	E2-25K/Hip-2 regulates caspase-12 in ER stressâ€“mediated AÎ² neurotoxicity. Journal of Cell Biology, 2008, 182, 675-684.	5.2	78
25	AK2 activates a novel apoptotic pathway through formation of a complex with FADD and caspase-10. Nature Cell Biology, 2007, 9, 1303-1310.	10.3	77
26	Proâ€apoptotic function of calsenilin/DREAM/KChIP3. FASEB Journal, 2001, 15, 589-591.	0.5	67
27	Neuropathogenic role of adenylate kinase-1 in AÎ²-mediated tau phosphorylation via AMPK and GSK3Î². Human Molecular Genetics, 2012, 21, 2725-2737.	2.9	67
28	Selenite Negatively Regulates Caspase-3 through a Redox Mechanism. Journal of Biological Chemistry, 2000, 275, 8487-8491.	3.4	63
29	Fas- and Tumor Necrosis Factor-mediated Apoptosis Uses the Same Binding Surface of FADD to Trigger Signal Transduction. Journal of Biological Chemistry, 2000, 275, 36217-36222.	3.4	59
30	Plantainoside D protects adriamycin-induced apoptosis in H9c2 cardiac muscle cells via the inhibition of ROS generation and NF-ÎºB activation. Life Sciences, 2007, 80, 314-323.	4.3	57
31	Induced Inhibition of Ischemic/Hypoxic Injury by APIP, a Novel Apaf-1-interacting Protein. Journal of Biological Chemistry, 2004, 279, 39942-39950.	3.4	56
32	Alzheimer's disease meets the ubiquitinâ€“proteasome system. Trends in Molecular Medicine, 2004, 10, 565-570.	6.7	56
33	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
34	Phosphorylated CAV1 activates autophagy through an interaction with BECN1 under oxidative stress. Cell Death and Disease, 2017, 8, e2822-e2822.	6.3	54
35	Induction of pro-apoptotic calsenilin/DREAM/KChIP3 in Alzheimer's disease and cultured neurons after amyloid-beta exposure. Journal of Neurochemistry, 2004, 88, 604-611.	3.9	52
36	The DUSP26 phosphatase activator adenylate kinase 2 regulates FADD phosphorylation and cell growth. Nature Communications, 2014, 5, 3351.	12.8	52

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37	Calcium Binding of ARC Mediates Regulation of Caspase 8 and Cell Death. Molecular and Cellular Biology, 2004, 24, 9763-9770.	2.3	51
38	Identification and Integrative Analysis of 28 Novel Genes Specifically Expressed and Developmentally Regulated in Murine Spermatogenic Cells. Journal of Biological Chemistry, 2005, 280, 7685-7693.	3.4	51
39	Dimethyl sulfoxide reduces hepatocellular lipid accumulation through autophagy induction. Autophagy, 2012, 8, 1085-1097.	9.1	51
40	Neuronal vulnerability of CLN3 deletion to calcium-induced cytotoxicity is mediated by calsenilin. Human Molecular Genetics, 2007, 16, 317-326.	2.9	50
41	The involvement of oxidative stress in tumor necrosis factor (TNF)-related apoptosis-inducing ligand (TRAIL)-induced apoptosis in HeLa cells. Cancer Letters, 2002, 182, 75-82.	7.2	49
42	SCAMP5 Links Endoplasmic Reticulum Stress to the Accumulation of Expanded Polyglutamine Protein Aggregates via Endocytosis Inhibition. Journal of Biological Chemistry, 2009, 284, 11318-11325.	3.4	48
43	Structural Basis of E2â€“25K/UBB+1 Interaction Leading to Proteasome Inhibition and Neurotoxicity. Journal of Biological Chemistry, 2010, 285, 36070-36080.	3.4	47
44	FLASH Coordinates NF-ÎºB Activity via TRAF2. Journal of Biological Chemistry, 2001, 276, 25073-25077.	3.4	44
45	POTENTIATION OF FAS- AND TRAIL-MEDIATED APOPTOSIS BY IFN-Î³ IN A549 LUNG EPITHELIAL CELLS: ENHANCEMENT OF CASPASE-8 EXPRESSION THROUGH IFN-RESPONSE ELEMENT. Cytokine, 2002, 20, 283-288.	3.2	43
46	Overexpression of calsenilin enhances Î³-secretase activity. Neuroscience Letters, 2005, 378, 59-64.	2.1	43
47	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. Journal of Neurochemistry, 2002, 74, 2455-2461.	3.9	42
48	Role of S5b/PSMD5 in Proteasome Inhibition Caused by TNF-Î±/NFÎºB in Higher Eukaryotes. Cell Reports, 2012, 2, 603-615.	6.4	42
49	Amyloid beta receptors responsible for neurotoxicity and cellular defects in Alzheimerâ€™s disease. Cellular and Molecular Life Sciences, 2014, 71, 4803-4813.	5.4	42
50	Intracellular cleavage of osteopontin by caspase-8 modulates hypoxia/reoxygenation cell death through p53. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15326-15331.	7.1	39
51	FKBP8 LIRLâ€dependent mitochondrial fragmentation facilitates mitophagy under stress conditions. FASEB Journal, 2020, 34, 2944-2957.	0.5	38
52	Selective induction of catalase-mediated autophagy by dihydrocapsaicin in lung cell lines. Free Radical Biology and Medicine, 2010, 49, 245-257.	2.9	36
53	FcÎ³RIIb-SHIP2 axis links AÎ² to tau pathology by disrupting phosphoinositide metabolism in Alzheimer's disease model. ELife, 2016, 5, .	6.0	36
54	Compensatory activation of ERK1/2 inAtg5-deficient mouse embryo fibroblasts suppresses oxidative stress-induced cell death. Autophagy, 2008, 4, 315-321.	9.1	35

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55	Lithium rescues the impaired autophagy process in CbCln3Î”ex7/8/Î”ex7/8 cerebellar cells and reduces neuronal vulnerability to cell death via IMPase inhibition. Journal of Neurochemistry, 2011, 116, 659-668.	3.9	33
56	BECN1/Beclin 1 is recruited into lipid rafts by prion to activate autophagy in response to amyloid Î² 42. Autophagy, 2013, 9, 2009-2021.	9.1	33
57	Induction of pro-apoptotic calsenilin/DREAM/KChIP3 in Alzheimer's disease and cultured neurons after amyloid-Î² exposure. Journal of Neurochemistry, 2004, 88, 1570-1570.	3.9	31
58	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
59	Design and synthesis of 1,4-dihydropyridine derivatives as BACE-1 inhibitors. European Journal of Medicinal Chemistry, 2010, 45, 2578-2590.	5.5	31
60	The Interplay between Autophagy and Aging. Diabetes and Metabolism Journal, 2013, 37, 333.	4.7	31
61	Inactivation of farnesyltransferase and geranylgeranyltransferase I by caspase-3: Cleavage of the common Î± subunit during apoptosis. Oncogene, 2001, 20, 358-366.	5.9	30
62	ENC1 Modulates the Aggregation and Neurotoxicity of Mutant Huntingtin Through p62 Under ER Stress. Molecular Neurobiology, 2016, 53, 6620-6634.	4.0	30
63	Pyruvate stimulates mitophagy via PINK1 stabilization. Cellular Signalling, 2015, 27, 1824-1830.	3.6	29
64	Structural and biochemical basis for the inhibition of cell death by APIP, a methionine salvage enzyme. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E54-61.	7.1	28
65	Pimozide reduces toxic forms of tau in TauC3 mice via 5â€² adenosine monophosphateâ€activated protein kinaseâ€mediated autophagy. Journal of Neurochemistry, 2017, 142, 734-746.	3.9	28
66	Contribution of presenilin/Î³-secretase to calsenilin-mediated apoptosis. Biochemical and Biophysical Research Communications, 2003, 305, 62-66.	2.1	27
67	Role of FLASH in caspase-8-mediated activation of NF-ÎºB: dominant-negative function of FLASH mutant in NF-ÎºB signaling pathway. Oncogene, 2005, 24, 688-696.	5.9	27
68	iRhom1 regulates proteasome activity via PAC1/2 under ER stress. Scientific Reports, 2015, 5, 11559.	3.3	27
69	Characterization and comparative genomic analysis of intronless Adams with testicular gene expression. Genomics, 2004, 83, 636-646.	2.9	26
70	Caspase cleavage product lacking amino-terminus of I?B? sensitizes resistant cells to TNF-? and TRAIL-induced apoptosis. Journal of Cellular Biochemistry, 2002, 85, 334-345.	2.6	25
71	Identification and characterization of ADAM32 with testis-predominant gene expression. Gene, 2003, 304, 151-162.	2.2	25
72	Essential role of POLDIP2 in Tau aggregation and neurotoxicity via autophagy/proteasome inhibition. Biochemical and Biophysical Research Communications, 2015, 462, 112-118.	2.1	23

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73	Reconstitution of Caspase-8 Sensitizes JB6 Cells to TRAIL. Biochemical and Biophysical Research Communications, 2000, 277, 311-316.	2.1	22
74	OCIAD2 activates Î³-secretase to enhance amyloid Î² production by interacting with nicastrin. Cellular and Molecular Life Sciences, 2014, 71, 2561-2576.	5.4	22
75	SUMO-Modified FADD Recruits Cytosolic Drp1 and Caspase-10 to Mitochondria for Regulated Necrosis. Molecular and Cellular Biology, 2017, 37, .	2.3	22
76	Casein kinase-1Î³1 and 3 stimulate tumor necrosis factor-induced necroptosis through RIPK3. Cell Death and Disease, 2019, 10, 923.	6.3	22
77	Down-regulation of ARC contributes to vulnerability of hippocampal neurons to ischemia/hypoxia. FEBS Letters, 2003, 543, 170-173.	2.8	21
78	Reduced expression of calsenilin/DREAM/KChIP3 in the brains of kainic acid-induced seizure and epilepsy patients. Neuroscience Letters, 2003, 340, 33-36.	2.1	21
79	TOM1 Regulates Neuronal Accumulation of Amyloid-Î² Oligomers by FcÎ³RIIb2 Variant in Alzheimer's Disease. Journal of Neuroscience, 2018, 38, 9001-9018.	3.6	21
80	Dualâ€specificity phosphatase 26 (<scp>DUSP</scp>26) stimulates AÎ²42 generation by promoting amyloid precursor protein axonal transport during hypoxia. Journal of Neurochemistry, 2016, 137, 770-781.	3.9	20
81	Inhibition of Bcl10-mediated activation of NF-Î°B by BinCARD, a Bcl10-interacting CARD protein. FEBS Letters, 2004, 578, 239-244.	2.8	19
82	Aberrant role of pyruvate kinase M2 in the regulation of gamma-secretase and memory deficits in Alzheimerâ€™s disease. Cell Reports, 2021, 37, 110102.	6.4	19
83	Suppression of Interleukin-1Î² converting enzyme (ICE)-induced apoptosis by SV40 large T antigen. Oncogene, 1997, 14, 1207-1214.	5.9	18
84	Amyloid Î²-induced FOXRED2 mediates neuronal cell death via inhibition of proteasome activity. Cellular and Molecular Life Sciences, 2011, 68, 2115-2127.	5.4	18
85	Atypical role of proximal caspase-8 in truncated Tau-induced neurite regression and neuronal cell death. Neurobiology of Disease, 2003, 14, 557-566.	4.4	17
86	Aberrant role of ALK in tau proteinopathy through autophagosomal dysregulation. Molecular Psychiatry, 2021, 26, 5542-5556.	7.9	17
87	Characterization of subcellular localization and Ca2+ modulation of calsenilin/DREAM/KChIP3. NeuroReport, 2008, 19, 1193-1197.	1.2	13
88	DR4-Ser424O-GlcNAcylation Promotes Sensitization of TRAIL-Tolerant Persisters and TRAIL-Resistant Cancer Cells to Death. Cancer Research, 2019, 79, 2839-2852.	0.9	13
89	Amelioration of amyloid Î²â€Fcγ RIIb neurotoxicity and tau pathologies by targeting LYN. FASEB Journal, 2019, 33, 4300-4313.	0.5	12
90	The Nuclear Inclusion a (NIa) Protease of Turnip Mosaic Virus (TuMV) Cleaves Amyloid-Î². PLoS ONE, 2010, 5, e15645.	2.5	11

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91	E2-25K SUMOylation inhibits proteasome for cell death during cerebral ischemia/reperfusion. Cell Death and Disease, 2016, 7, e2573-e2573.	6.3	10
92	Calsenilin Contributes to Neuronal Cell Death in Ischemic Stroke. Brain Pathology, 2013, 23, 402-412.	4.1	9
93	Identification of glucoseâ€6â€phosphate transporter as a key regulator functioning at the autophagy initiation step. FEBS Letters, 2015, 589, 2100-2109.	2.8	9
94	Cardioprotective role of APIP in myocardial infarction through ADORA2B. Cell Death and Disease, 2019, 10, 511.	6.3	9
95	SERP1 is an assembly regulator of Î³-secretase in metabolic stress conditions. Science Signaling, 2020, 13, .	3.6	9
96	APIP, an ERBB3-binding partner, stimulates erbB2-3 heterodimer formation to promote tumorigenesis. Oncotarget, 2016, 7, 21601-21617.	1.8	9
97	Suppression of receptor-mediated apoptosis by death effecter domain recruiting domain binding peptide aptamer. Biochemical and Biophysical Research Communications, 2006, 343, 1165-1170.	2.1	8
98	Low levels of methyl Î²â€cyclodextrin disrupt GluA1â€dependent synaptic potentiation but not synaptic depression. Journal of Neurochemistry, 2015, 132, 276-285.	3.9	8
99	An alternative spliced mouse presenilinâ€2 mRNA encodes a novel Î³â€secretase inhibitor. FEBS Letters, 2009, 583, 1403-1408.	2.8	4
100	AK2 is an AMP-sensing negative regulator of BRAF in tumorigenesis. Cell Death and Disease, 2022, 13, 469.	6.3	3
101	Highlighting apoptosis in neuronal injury. Biochemical and Biophysical Research Communications, 2019, 520, 681.	2.1	0