# Yong-Keun Jung

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | AK2 is an AMP-sensing negative regulator of BRAF in tumorigenesis. Cell Death and Disease, 2022, 13, 469. | 6.3 | 3 |
| 2 | Aberrant role of ALK in tau proteinopathy through autophagosomal dysregulation. Molecular Psychiatry, 2021, 26, 5542-5556. | 7.9 | 17 |
| 3 | 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 |
| 4 | FKBP8 LIRLâ€dependent mitochondrial fragmentation facilitates mitophagy under stress conditions. FASEB Journal, 2020, 34, 2944-2957. | 0.5 | 38 |
| 5 | SERP1 is an assembly regulator of Î³-secretase in metabolic stress conditions. Science Signaling, 2020, 13, . | 3.6 | 9 |
| 6 | Cardioprotective role of APIP in myocardial infarction through ADORA2B. Cell Death and Disease, 2019, 10, 511. | 6.3 | 9 |
| 7 | 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 |
| 8 | Highlighting apoptosis in neuronal injury. Biochemical and Biophysical Research Communications, 2019, 520, 681. | 2.1 | 0 |
| 9 | Casein kinase-1Î³1 and 3 stimulate tumor necrosis factor-induced necroptosis through RIPK3. Cell Death and Disease, 2019, 10, 923. | 6.3 | 22 |
| 10 | Amelioration of amyloid Î²â€FcÎ³RIIb neurotoxicity and tau pathologies by targeting LYN. FASEB Journal, 2019, 33, 4300-4313. | 0.5 | 12 |
| 11 | 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 |
| 12 | A Molecular Approach to Mitophagy and Mitochondrial Dynamics. Molecules and Cells, 2018, 41, 18-26. | 2.6 | 253 |
| 13 | 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 |
| 14 | Phosphorylated CAV1 activates autophagy through an interaction with BECN1 under oxidative stress. Cell Death and Disease, 2017, 8, e2822-e2822. | 6.3 | 54 |
| 15 | SUMO-Modified FADD Recruits Cytosolic Drp1 and Caspase-10 to Mitochondria for Regulated Necrosis. Molecular and Cellular Biology, 2017, 37, . | 2.3 | 22 |
| 16 | FcÎ³RIIb-SHIP2 axis links AÎ² to tau pathology by disrupting phosphoinositide metabolism in Alzheimer's disease model. ELife, 2016, 5, . | 6.0 | 36 |
| 17 | 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 |
| 18 | E2-25K SUMOylation inhibits proteasome for cell death during cerebral ischemia/reperfusion. Cell Death and Disease, 2016, 7, e2573-e2573. | 6.3 | 10 |

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|---|---|---|---|
| 19 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222. | 9.1 | 4,701 |
| 20 | ENC1 Modulates the Aggregation and Neurotoxicity of Mutant Huntingtin Through p62 Under ER Stress. Molecular Neurobiology, 2016, 53, 6620-6634. | 4.0 | 30 |
| 21 | 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 |
| 22 | APIP, an ERBB3-binding partner, stimulates erbB2-3 heterodimer formation to promote tumorigenesis. Oncotarget, 2016, 7, 21601-21617. | 1.8 | 9 |
| 23 | 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 |
| 24 | iRhom1 regulates proteasome activity via PAC1/2 under ER stress. Scientific Reports, 2015, 5, 11559. | 3.3 | 27 |
| 25 | 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 |
| 26 | Pyruvate stimulates mitophagy via PINK1 stabilization. Cellular Signalling, 2015, 27, 1824-1830. | 3.6 | 29 |
| 27 | Autophagy in Neurodegenerative Diseases: From Mechanism to Therapeutic Approach. Molecules and Cells, 2015, 38, 381-389. | 2.6 | 178 |
| 28 | 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 |
| 29 | Choline dehydrogenase interacts with SQSTM1/p62 to recruit LC3 and stimulate mitophagy. Autophagy, 2014, 10, 1906-1920. | 9.1 | 104 |
| 30 | The DUSP26 phosphatase activator adenylate kinase 2 regulates FADD phosphorylation and cell growth. Nature Communications, 2014, 5, 3351. | 12.8 | 52 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | Overexpression of Atg5 in mice activates autophagy and extends lifespan. Nature Communications, 2013, 4, 2300. | 12.8 | 559 |
| 35 | 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 |
| 36 | Calsenilin Contributes to Neuronal Cell Death in Ischemic Stroke. Brain Pathology, 2013, 23, 402-412. | 4.1 | 9 |

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|---|---|---|---|
| 37 | The Interplay between Autophagy and Aging. Diabetes and Metabolism Journal, 2013, 37, 333. | 4.7 | 31 |
| 38 | FcÎ³RIIb mediates amyloid-Î² neurotoxicity and memory impairment in Alzheimerâ€™s disease. Journal of Clinical Investigation, 2013, 123, 2791-2802. | 8.2 | 105 |
| 39 | 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 |
| 40 | Molecules and their functions in autophagy. Experimental and Molecular Medicine, 2012, 44, 73. | 7.7 | 197 |
| 41 | Dimethyl sulfoxide reduces hepatocellular lipid accumulation through autophagy induction. Autophagy, 2012, 8, 1085-1097. | 9.1 | 51 |
| 42 | Role of S5b/PSMD5 in Proteasome Inhibition Caused by TNF-Î±/NFÎºB in Higher Eukaryotes. Cell Reports, 2012, 2, 603-615. | 6.4 | 42 |
| 43 | Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544. | 9.1 | 3,122 |
| 44 | 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 |
| 45 | 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 |
| 46 | 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 |
| 47 | Selective induction of catalase-mediated autophagy by dihydrocapsaicin in lung cell lines. Free Radical Biology and Medicine, 2010, 49, 245-257. | 2.9 | 36 |
| 48 | Design and synthesis of 1,4-dihydropyridine derivatives as BACE-1 inhibitors. European Journal of Medicinal Chemistry, 2010, 45, 2578-2590. | 5.5 | 31 |
| 49 | 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 |
| 50 | 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 |
| 51 | The Nuclear Inclusion a (NIa) Protease of Turnip Mosaic Virus (TuMV) Cleaves Amyloid-Î². PLoS ONE, 2010, 5, e15645. | 2.5 | 11 |
| 52 | 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 |
| 53 | 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 |
| 54 | An alternative spliced mouse presenilinâ€2 mRNA encodes a novel Î³â€secretase inhibitor. FEBS Letters, 2009, 583, 1403-1408. | 2.8 | 4 |

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| 55 | 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 |
| 56 | Compensatory activation of ERK1/2 inAtg5-deficient mouse embryo fibroblasts suppresses oxidative stress-induced cell death. Autophagy, 2008, 4, 315-321. | 9.1 | 35 |
| 57 | E2-25K/Hip-2 regulates caspase-12 in ER stressâ€“mediated AÎ² neurotoxicity. Journal of Cell Biology, 2008, 182, 675-684. | 5.2 | 78 |
| 58 | Characterization of subcellular localization and Ca2+ modulation of calsenilin/DREAM/KChIP3. NeuroReport, 2008, 19, 1193-1197. | 1.2 | 13 |
| 59 | Neuronal vulnerability of CLN3 deletion to calcium-induced cytotoxicity is mediated by calsenilin. Human Molecular Genetics, 2007, 16, 317-326. | 2.9 | 50 |
| 60 | 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 |
| 61 | 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 |
| 62 | 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 |
| 63 | 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 |
| 64 | 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 |
| 65 | 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 |
| 66 | Essential Roles of Atg5 and FADD in Autophagic Cell Death. Journal of Biological Chemistry, 2005, 280, 20722-20729. | 3.4 | 476 |
| 67 | Overexpression of calsenilin enhances Î³-secretase activity. Neuroscience Letters, 2005, 378, 59-64. | 2.1 | 43 |
| 68 | Calcium Binding of ARC Mediates Regulation of Caspase 8 and Cell Death. Molecular and Cellular Biology, 2004, 24, 9763-9770. | 2.3 | 51 |
| 69 | 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 |
| 70 | 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 |
| 71 | 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 |
| 72 | Inhibition of Bcl10-mediated activation of NF-ÎºB by BinCARD, a Bcl10-interacting CARD protein. FEBS Letters, 2004, 578, 239-244. | 2.8 | 19 |

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|---|---|---|---|
| 73 | Characterization and comparative genomic analysis of intronless Adams with testicular gene expression. Genomics, 2004, 83, 636-646. | 2.9 | 26 |
| 74 | Alzheimer's disease meets the ubiquitinâ€“proteasome system. Trends in Molecular Medicine, 2004, 10, 565-570. | 6.7 | 56 |
| 75 | Essential Role of E2-25K/Hip-2 in Mediating Amyloid-Î² Neurotoxicity. Molecular Cell, 2003, 12, 553-563. | 9.7 | 151 |
| 76 | 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 |
| 77 | Down-regulation of ARC contributes to vulnerability of hippocampal neurons to ischemia/hypoxia. FEBS Letters, 2003, 543, 170-173. | 2.8 | 21 |
| 78 | Contribution of presenilin/Î³-secretase to calsenilin-mediated apoptosis. Biochemical and Biophysical Research Communications, 2003, 305, 62-66. | 2.1 | 27 |
| 79 | 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 |
| 80 | Identification and characterization of ADAM32 with testis-predominant gene expression. Gene, 2003, 304, 151-162. | 2.2 | 25 |
| 81 | 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 |
| 82 | 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 |
| 83 | 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 |
| 84 | 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 |
| 85 | 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 |
| 86 | 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 |
| 87 | Proapoptotic Effects of Tau Cleavage Product Generated by Caspase-3. Neurobiology of Disease, 2001, 8, 162-172. | 4.4 | 195 |
| 88 | An Anti-apoptotic Protein Human Survivin Is a Direct Inhibitor of Caspase-3 and -7â€. Biochemistry, 2001, 40, 1117-1123. | 2.5 | 648 |
| 89 | 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 |
| 90 | 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 |

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|---|---|---|---|
| 91 | FLASH Coordinates NF-Î¹B Activity via TRAF2. Journal of Biological Chemistry, 2001, 276, 25073-25077. | 3.4 | 44 |
| 92 | Proâ€apoptotic function of calsenilin/DREAM/KChIP3. FASEB Journal, 2001, 15, 589-591. | 0.5 | 67 |
| 93 | Selenite Negatively Regulates Caspase-3 through a Redox Mechanism. Journal of Biological Chemistry, 2000, 275, 8487-8491. | 3.4 | 63 |
| 94 | 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 |
| 95 | Reconstitution of Caspase-8 Sensitizes JB6 Cells to TRAIL. Biochemical and Biophysical Research Communications, 2000, 277, 311-316. | 2.1 | 22 |
| 96 | 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 |
| 97 | Murine Caspase-11, an ICE-Interacting Protease, Is Essential for the Activation of ICE. Cell, 1998, 92, 501-509. | 28.9 | 661 |
| 98 | Alternative Cleavage of Alzheimer-Associated Presenilins During Apoptosis by a Caspase-3 Family Protease. Science, 1997, 277, 373-376. | 12.6 | 361 |
| 99 | Suppression of Interleukin-1Î² converting enzyme (ICE)-induced apoptosis by SV40 large T antigen. Oncogene, 1997, 14, 1207-1214. | 5.9 | 18 |
| 100 | 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 |
| 101 | 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 |