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List of Publications by Year
in descending order

50 papers	7,825 citations	136950 32 h-index	182427 51 g-index
52 all docs	52 docs citations	52 times ranked	10469 citing authors

#	Article	IF	Citations
1	Molecular mechanisms and physiological functions of mitophagy. EMBO Journal, 2021, 40, e104705.	7.8	553
2	Cleaved PGAM5 dephosphorylates nuclear serine/arginine-rich proteins during mitophagy. Biochimica Et Biophysica Acta - Molecular Cell Research, 2021, 1868, 119045.	4.1	2
3	Loss of peptide: <i>N</i> -glycanase causes proteasome dysfunction mediated by a sugar-recognizing ubiquitin ligase. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	23
4	Mammalian BCAS3 and C16orf70 associate with the phagophore assembly site in response to selective and non-selective autophagy. Autophagy, 2021, 17, 2011-2036.	9.1	6
5	Unfolding is the driving force for mitochondrial import and degradation of the Parkinson's disease-related protein DJ-1. Journal of Cell Science, 2021, 134, .	2.0	3
6	Two sides of a coin: Physiological significance and molecular mechanisms for damage-induced mitochondrial localization of PINK1 and Parkin. Neuroscience Research, 2020, 159, 16-24.	1.9	8
7	Critical role of mitochondrial ubiquitination and the OPTNâ€“ATG9A axis in mitophagy. Journal of Cell Biology, 2020, 219, .	5.2	114
8	Parkin recruitment to impaired mitochondria for nonselective ubiquitylation is facilitated by MITOL. Journal of Biological Chemistry, 2019, 294, 10300-10314.	3.4	79
9	Parkinâ€mediated ubiquitylation redistributes MITOL/March5 from mitochondria to peroxisomes. EMBO Reports, 2019, 20, e47728.	4.5	35
10	Cleaved PGAM5 is released from mitochondria depending on proteasome-mediated rupture of the outer mitochondrial membrane during mitophagy. Journal of Biochemistry, 2019, 165, 19-25.	1.7	19
11	Endosomal Rab cycles regulate Parkin-mediated mitophagy. ELife, 2018, 7, .	6.0	113
12	Discovery and Optimization of Inhibitors of the Parkinsonâ€™s Disease Associated Protein DJ-1. ACS Chemical Biology, 2018, 13, 2783-2793.	3.4	27
13	Structural insights into ubiquitin phosphorylation by PINK1. Scientific Reports, 2018, 8, 10382.	3.3	35
14	Parkinsonâ€™s disease-related DJ-1 functions in thiol quality control against aldehyde attack in vitro. Scientific Reports, 2017, 7, 12816.	3.3	41
15	Structural basis for specific cleavage of Lys6-linked polyubiquitin chains by USP30. Nature Structural and Molecular Biology, 2017, 24, 911-919.	8.2	61
16	Ubiquitination of exposed glycoproteins by SCF ^{FBXO27} directs damaged lysosomes for autophagy. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8574-8579.	7.1	96
17	The ubiquitin signal and autophagy: an orchestrated dance leading to mitochondrial degradation. EMBO Reports, 2016, 17, 300-316.	4.5	197
18	Unexpected mitochondrial matrix localization of Parkinson's diseaseâ€related <scp>DJ</scp>â€1 mutants but not wildâ€type <scp>DJ</scp>â€1. Genes To Cells, 2016, 21, 772-788.	1.2	21

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19	Constitutive Activation of PINK1 Protein Leads to Proteasome-mediated and Non-apoptotic Cell Death Independently of Mitochondrial Autophagy. Journal of Biological Chemistry, 2016, 291, 16162-16174.	3.4	23
20	Phospho-ubiquitin: upending the PINKâ€“Parkinâ€“ubiquitin cascade. Journal of Biochemistry, 2016, 159, 379-385.	1.7	53
21	Unconventional PINK1 localization mechanism to the outer membrane of depolarized mitochondria drives Parkin recruitment. Journal of Cell Science, 2015, 128, 964-78.	2.0	103
22	Molecular mechanisms underlying PINK1 and Parkin catalyzed ubiquitylation of substrates on damaged mitochondria. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 2791-2796.	4.1	35
23	The PARK2/Parkin receptor on damaged mitochondria revisitedâ€"uncovering the role of phosphorylated ubiquitin chains. Autophagy, 2015, 11, 1700-1701.	9.1	6
24	Phosphorylated ubiquitin chain is the genuine Parkin receptor. Journal of Cell Biology, 2015, 209, 111-128.	5.2	217
25	Tagged tags engage disposal. Nature, 2015, 524, 294-295.	27.8	6
26	Site-specific Interaction Mapping of Phosphorylated Ubiquitin to Uncover Parkin Activation. Journal of Biological Chemistry, 2015, 290, 25199-25211.	3.4	50
27	Ubiquitin is phosphorylated by PINK1 to activate parkin. Nature, 2014, 510, 162-166.	27.8	1,185
28	Proteostasis and neurodegeneration: The roles of proteasomal degradation and autophagy. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 197-204.	4.1	153
29	Parkin-catalyzed Ubiquitin-Ester Transfer Is Triggered by PINK1-dependent Phosphorylation. Journal of Biological Chemistry, 2013, 288, 22019-22032.	3.4	173
30	A Dimeric PINK1-containing Complex on Depolarized Mitochondria Stimulates Parkin Recruitment. Journal of Biological Chemistry, 2013, 288, 36372-36384.	3.4	168
31	Different dynamic movements of wildâ€type and pathogenic <scp>VCP</scp>s and their cofactors to damaged mitochondria in a <scp>P</scp>arkinâ€mediated mitochondrial quality control system. Genes To Cells, 2013, 18, 1131-1143.	1.2	35
32	The principal PINK1 and Parkin cellular events triggered in response to dissipation of mitochondrial membrane potential occur in primary neurons. Genes To Cells, 2013, 18, 672-681.	1.2	38
33	PINK1 autophosphorylation upon membrane potential dissipation is essential for Parkin recruitment to damaged mitochondria. Nature Communications, 2012, 3, 1016.	12.8	465
34	Mitochondrial hexokinase HKI is a novel substrate of the Parkin ubiquitin ligase. Biochemical and Biophysical Research Communications, 2012, 428, 197-202.	2.1	65
35	Parkin Mediates Apparent E2-Independent Monoubiquitination In Vitro and Contains an Intrinsic Activity That Catalyzes Polyubiquitination. PLoS ONE, 2011, 6, e19720.	2.5	40
36	p62/SQSTM1 cooperates with Parkin for perinuclear clustering of depolarized mitochondria. Genes To Cells, 2010, 15, 887-900.	1.2	345

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37	PINK1 stabilized by mitochondrial depolarization recruits Parkin to damaged mitochondria and activates latent Parkin for mitophagy. Journal of Cell Biology, 2010, 189, 211-221.	5.2	1,600
38	Uncovering the roles of PINK1 and Parkin in mitophagy. Autophagy, 2010, 6, 952-954.	9.1	41
39	Does Impairment of the Ubiquitin-Proteasome System or the Autophagy-Lysosome Pathway Predispose Individuals to Neurodegenerative Disorders such as Parkinson's Disease?. Journal of Alzheimer's Disease, 2010, 19, 1-9.	2.6	89
40	MG53 nucleates assembly of cell membrane repair machinery. Nature Cell Biology, 2009, 11, 56-64.	10.3	396
41	Direct interactions between NEDD8 and ubiquitin E2 conjugating enzymes upregulate cullin-based E3 ligase activity. Nature Structural and Molecular Biology, 2007, 14, 167-168.	8.2	105
42	Diverse Effects of Pathogenic Mutations of Parkin That Catalyze Multiple Monoubiquitylation in Vitro. Journal of Biological Chemistry, 2006, 281, 3204-3209.	3.4	166
43	UV-Induced Ubiquitylation of XPC Protein Mediated by UV-DDB-Ubiquitin Ligase Complex. Cell, 2005, 121, 387-400.	28.9	517
44	DDB2, the xeroderma pigmentosum group E gene product, is directly ubiquitylated by Cullin 4A-based ubiquitin ligase complex. DNA Repair, 2005, 4, 537-545.	2.8	65
45	A palmitoylated RING finger ubiquitin ligase and its homologue in the brain membranes. Journal of Neurochemistry, 2003, 86, 749-762.	3.9	25
46	Ubiquitin Ligase Activities of Bombyx mori Nucleopolyhedrovirus RING Finger Proteins. Journal of Virology, 2003, 77, 923-930.	3.4	69
47	EL5, a rice N-acetylchitooligosaccharide elicitor-responsive RING-H2 finger protein, is a ubiquitin ligase which functions in vitro in co-operation with an elicitor-responsive ubiquitin-conjugating enzyme, OsUBC5b. Plant Journal, 2002, 30, 447-455.	5.7	98
48	Modes of interaction between the Arabidopsis Rab protein, Ara4, and its putative regulator molecules revealed by a yeast expression system. Plant Journal, 2000, 21, 341-349.	5.7	21
49	Overexpression of PRA2, a Rab/Yipt-family Small GTPase from Pea Pisum sativum, Aggravates the Growth Defect of Yeast ypt Mutants.. Cell Structure and Function, 2000, 25, 11-20.	1.1	9
50	RMA1 an Arabidopsis thaliana Gene Whose cDNA Suppresses the Yeast secl5 Mutation, Encodes a Novel Protein with a RING Finger Motif and a Membrane Anchor. Plant and Cell Physiology, 1998, 39, 545-554.	3.1	27