

Mariusz Karbowski

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

5,268
citations

394421

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h-index

677142

22
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23
all docs

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docs citations

23
times ranked

8433
citing authors

#	ARTICLE	IF	CITATIONS
1	PARP1 PARylates and stabilizes STAT5 in FLT3-ITD acute myeloid leukemia and other STAT5-activated cancers. <i>Translational Oncology</i> , 2022, 15, 101283.	3.7	7
2	ALS/FTD mutations in UBQLN2 are linked to mitochondrial dysfunction through loss-of-function in mitochondrial protein import. <i>Human Molecular Genetics</i> , 2021, 30, 1230-1246.	2.9	10
3	Parkin-independent mitophagy via Drp1-mediated outer membrane severing and inner membrane ubiquitination. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	29
4	The OMM-severed and IMM-ubiquitinated mitochondria are intermediates of mitochondrial proteotoxicity-induced autophagy in PRKN/parkin-deficient cells. <i>Autophagy</i> , 2021, 17, 3884-3886.	9.1	3
5	Regulation of Mitochondrial ATP Production: Ca ²⁺ Signaling and Quality Control. <i>Trends in Molecular Medicine</i> , 2020, 26, 21-39.	6.7	134
6	Dynamics of the mitochondrial permeability transition pore: Transient and permanent opening events. <i>Archives of Biochemistry and Biophysics</i> , 2019, 666, 31-39.	3.0	46
7	The Putative Drp1 Inhibitor mdivi-1 Is a Reversible Mitochondrial Complex I Inhibitor that Modulates Reactive Oxygen Species. <i>Developmental Cell</i> , 2017, 40, 583-594.e6.	7.0	406
8	Novel regulatory roles of Mff and Drp1 in E3 ubiquitin ligase MARCH5â€‘dependent degradation of MiD49 and Mcl1 and control of mitochondrial dynamics. <i>Molecular Biology of the Cell</i> , 2017, 28, 396-410.	2.1	77
9	Mitochondrial E3 ubiquitin ligase MARCH5 controls mitochondrial fission and cell sensitivity to stress-induced apoptosis through regulation of MiD49 protein. <i>Molecular Biology of the Cell</i> , 2016, 27, 349-359.	2.1	117
10	Transient assembly of F-actin on the outer mitochondrial membrane contributes to mitochondrial fission. <i>Journal of Cell Biology</i> , 2015, 208, 109-123.	5.2	180
11	Photoactivatable Green Fluorescent Protein-Based Visualization and Quantification of Mitochondrial Fusion and Mitochondrial Network Complexity in Living Cells. <i>Methods in Enzymology</i> , 2014, 547, 57-73.	1.0	31
12	Neurodegeneration as a consequence of failed mitochondrial maintenance. <i>Acta Neuropathologica</i> , 2012, 123, 157-171.	7.7	169
13	Regulating mitochondrial outer membrane proteins by ubiquitination and proteasomal degradation. <i>Current Opinion in Cell Biology</i> , 2011, 23, 476-482.	5.4	214
14	The AAA-ATPase p97 is essential for outer mitochondrial membrane protein turnover. <i>Molecular Biology of the Cell</i> , 2011, 22, 291-300.	2.1	212
15	A Systematic Search for Endoplasmic Reticulum (ER) Membrane-associated RING Finger Proteins Identifies Nixin/ZNRF4 as a Regulator of Calnexin Stability and ER Homeostasis. <i>Journal of Biological Chemistry</i> , 2011, 286, 8633-8643.	3.4	54
16	Calnexin levels are regulated by the ER localized ubiquitin ligase Nixin. <i>FASEB Journal</i> , 2011, 25, 910.1.	0.5	0
17	Proteasome and p97 mediate mitophagy and degradation of mitofusins induced by Parkin. <i>Journal of Cell Biology</i> , 2010, 191, 1367-1380.	5.2	1,161
18	The mitochondrial E3 ubiquitin ligase MARCH5 is required for Drp1 dependent mitochondrial division. <i>Journal of Cell Biology</i> , 2007, 178, 71-84.	5.2	420

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19	Role of Bax and Bak in mitochondrial morphogenesis. Nature, 2006, 443, 658-662.	27.8	579
20	Endophilin B1 is required for the maintenance of mitochondrial morphology. Journal of Cell Biology, 2004, 166, 1027-1039.	5.2	226
21	Quantitation of mitochondrial dynamics by photolabeling of individual organelles shows that mitochondrial fusion is blocked during the Bax activation phase of apoptosis. Journal of Cell Biology, 2004, 164, 493-499.	5.2	393
22	Spatial and temporal association of Bax with mitochondrial fission sites, Drp1, and Mfn2 during apoptosis. Journal of Cell Biology, 2002, 159, 931-938.	5.2	743