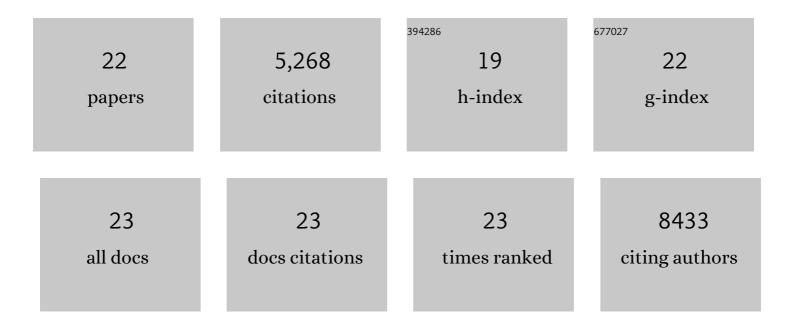
Mariusz Karbowski

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4472069/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Proteasome and p97 mediate mitophagy and degradation of mitofusins induced by Parkin. Journal of Cell Biology, 2010, 191, 1367-1380.	2.3	1,161
2	Spatial and temporal association of Bax with mitochondrial fission sites, Drp1, and Mfn2 during apoptosis. Journal of Cell Biology, 2002, 159, 931-938.	2.3	743
3	Role of Bax and Bak in mitochondrial morphogenesis. Nature, 2006, 443, 658-662.	13.7	579
4	The mitochondrial E3 ubiquitin ligase MARCH5 is required for Drp1 dependent mitochondrial division. Journal of Cell Biology, 2007, 178, 71-84.	2.3	420
5	The Putative Drp1 Inhibitor mdivi-1 Is a Reversible Mitochondrial Complex I Inhibitor that Modulates Reactive Oxygen Species. Developmental Cell, 2017, 40, 583-594.e6.	3.1	406
6	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.	2.3	393
7	Endophilin B1 is required for the maintenance of mitochondrial morphology. Journal of Cell Biology, 2004, 166, 1027-1039.	2.3	226
8	Regulating mitochondrial outer membrane proteins by ubiquitination and proteasomal degradation. Current Opinion in Cell Biology, 2011, 23, 476-482.	2.6	214
9	The AAA-ATPase p97 is essential for outer mitochondrial membrane protein turnover. Molecular Biology of the Cell, 2011, 22, 291-300.	0.9	212
10	Transient assembly of F-actin on the outer mitochondrial membrane contributes to mitochondrial fission. Journal of Cell Biology, 2015, 208, 109-123.	2.3	180
11	Neurodegeneration as a consequence of failed mitochondrial maintenance. Acta Neuropathologica, 2012, 123, 157-171.	3.9	169
12	Regulation of Mitochondrial ATP Production: Ca2+ Signaling and Quality Control. Trends in Molecular Medicine, 2020, 26, 21-39.	3.5	134
13	Mitochondrial E3 ubiquitin ligase MARCH5 controls mitochondrial fission and cell sensitivity to stress-induced apoptosis through regulation of MiD49 protein. Molecular Biology of the Cell, 2016, 27, 349-359.	0.9	117
14	Novel regulatory roles of Mff and Drp1 in E3 ubiquitin ligase MARCH5–dependent degradation of MiD49 and Mcl1 and control of mitochondrial dynamics. Molecular Biology of the Cell, 2017, 28, 396-410.	0.9	77
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. Journal of Biological Chemistry, 2011, 286, 8633-8643.	1.6	54
16	Dynamics of the mitochondrial permeability transition pore: Transient and permanent opening events. Archives of Biochemistry and Biophysics, 2019, 666, 31-39.	1.4	46
17	Photoactivatable Green Fluorescent Protein-Based Visualization and Quantification of Mitochondrial Fusion and Mitochondrial Network Complexity in Living Cells. Methods in Enzymology, 2014, 547, 57-73.	0.4	31
18	Parkin-independent mitophagy via Drp1-mediated outer membrane severing and inner membrane ubiquitination. Journal of Cell Biology, 2021, 220, .	2.3	29

#	Article	IF	CITATIONS
19	ALS/FTD mutations in UBQLN2 are linked to mitochondrial dysfunction through loss-of-function in mitochondrial protein import. Human Molecular Genetics, 2021, 30, 1230-1246.	1.4	10
20	PARP1 PARylates and stabilizes STAT5 in FLT3-ITD acute myeloid leukemia and other STAT5-activated cancers. Translational Oncology, 2022, 15, 101283.	1.7	7
21	The OMM-severed and IMM-ubiquitinated mitochondria are intermediates of mitochondrial proteotoxicity-induced autophagy in PRKN/parkin-deficient cells. Autophagy, 2021, 17, 3884-3886.	4.3	3
22	Calnexin levels are regulated by the ER localized ubiquitin ligase Nixin. FASEB Journal, 2011, 25, 910.1.	0.2	0