

Toshihiko Oka

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

2,789
citations

471509

17
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

4536
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitotic Phosphorylation of Dynamin-related GTPase Drp1 Participates in Mitochondrial Fission. <i>Journal of Biological Chemistry</i> , 2007, 282, 11521-11529.	3.4	1,021
2	PINK1 autophosphorylation upon membrane potential dissipation is essential for Parkin recruitment to damaged mitochondria. <i>Nature Communications</i> , 2012, 3, 1016.	12.8	465
3	Molecular basis of selective mitochondrial fusion by heterotypic action between OPA1 and cardiolipin. <i>Nature Cell Biology</i> , 2017, 19, 856-863.	10.3	263
4	A Dimeric PINK1-containing Complex on Depolarized Mitochondria Stimulates Parkin Recruitment. <i>Journal of Biological Chemistry</i> , 2013, 288, 36372-36384.	3.4	168
5	Characterization of the mitochondrial protein LETM1, which maintains the mitochondrial tubular shapes and interacts with the AAA-ATPase BCS1L. <i>Journal of Cell Science</i> , 2008, 121, 2588-2600.	2.0	111
6	An RNAi Screen for Mitochondrial Proteins Required to Maintain the Morphology of the Organelle in <i>Caenorhabditis elegans</i> . <i>Journal of Biochemistry</i> , 2008, 143, 449-454.	1.7	110
7	Unconventional PINK1 localization mechanism to the outer membrane of depolarized mitochondria drives Parkin recruitment. <i>Journal of Cell Science</i> , 2015, 128, 964-78.	2.0	103
8	Identification of a novel protein that regulates mitochondrial fusion by modulating mitofusin (Mfn) protein function. <i>Journal of Cell Science</i> , 2006, 119, 4913-4925.	2.0	101
9	PKA Regulates PINK1 Stability and Parkin Recruitment to Damaged Mitochondria through Phosphorylation of MIC60. <i>Molecular Cell</i> , 2016, 62, 371-384.	9.7	95
10	Identification of a Novel Protein MICS1 that is Involved in Maintenance of Mitochondrial Morphology and Apoptotic Release of Cytochrome c. <i>Molecular Biology of the Cell</i> , 2008, 19, 2597-2608.	2.1	72
11	KLP6: a newly identified kinesin that regulates the morphology and transport of mitochondria in neuronal cells. <i>Journal of Cell Science</i> , 2011, 124, 2457-2465.	2.0	62
12	Regulation and Physiologic Functions of GTPases in Mitochondrial Fusion and Fission in Mammals. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 389-399.	5.4	60
13	Multi-Component Protein Complexes and Golgi Membrane Trafficking. <i>Journal of Biochemistry</i> , 2005, 137, 109-114.	1.7	57
14	The mitochondrial inner membrane protein LETM1 modulates cristae organization through its LETM domain. <i>Communications Biology</i> , 2020, 3, 99.	4.4	28
15	A Railroad Switch in Mitochondrial Protein Import. <i>Molecular Cell</i> , 2005, 18, 145-146.	9.7	25
16	Constitutive Activation of PINK1 Protein Leads to Proteasome-mediated and Non-apoptotic Cell Death Independently of Mitochondrial Autophagy. <i>Journal of Biological Chemistry</i> , 2016, 291, 16162-16174.	3.4	23
17	Inactivation of cardiolipin synthase triggers changes in mitochondrial morphology. <i>FEBS Letters</i> , 2018, 592, 209-218.	2.8	20
18	InÂvitro synthesis of the human calcium transporter Letm1 within cell-sized liposomes and investigation of its lipid dependency. <i>Journal of Bioscience and Bioengineering</i> , 2019, 127, 544-548.	2.2	5