Diana Stojanovski

List of Publications by Year
in descending order

50 papers	4,168 citations	136940 32 h-index	189881 50 g-index
60 all docs	60 docs citations	60 times ranked	5359 citing authors

#	Article	IF	Citations
1	Levels of human Fis1 at the mitochondrial outer membrane regulate mitochondrial morphology. Journal of Cell Science, 2004, 117, 1201-1210.	2.0	292
2	Dissecting Membrane Insertion ofÂMitochondrial Î²-Barrel Proteins. Cell, 2008, 132, 1011-1024.	28.9	276
3	Stress-induced OMA1 activation and autocatalytic turnover regulate OPA1-dependent mitochondrial dynamics. EMBO Journal, 2014, 33, 578-593.	7.8	246
4	Adaptor Proteins MiD49 and MiD51 Can Act Independently of Mff and Fis1 in Drp1 Recruitment and Are Specific for Mitochondrial Fission. Journal of Biological Chemistry, 2013, 288, 27584-27593.	3.4	240
5	The regulation of mitochondrial morphology: Intricate mechanisms and dynamic machinery. Cellular Signalling, 2011, 23, 1534-1545.	3.6	236
6	Cooperative and independent roles of Drp1 adaptors Mff and MiD49/51 in mitochondrial fission. Journal of Cell Science, 2016, 129, 2170-81.	2.0	234
7	Regulation of Mitochondrial Protein Import by Cytosolic Kinases. Cell, 2011, 144, 227-239.	28.9	218
8	Dissection of the Mitochondrial Import and Assembly Pathway for Human Tom40. Journal of Biological Chemistry, 2005, 280, 11535-11543.	3.4	165
9	The morphology proteins Mdm12/Mmm1 function in the major Î²-barrel assembly pathway of mitochondria. EMBO Journal, 2007, 26, 2229-2239.	7.8	146
10	Identification of the Signal Directing Tim9 and Tim10 into the Intermembrane Space of Mitochondria. Molecular Biology of the Cell, 2009, 20, 2530-2539.	2.1	144
11	Profiling Phosphoproteins of Yeast Mitochondria Reveals a Role of Phosphorylation in Assembly of the ATP Synthase. Molecular and Cellular Proteomics, 2007, 6, 1896-1906.	3.8	142
12	Biogenesis of the Mitochondrial TOM Complex. Journal of Biological Chemistry, 2008, 283, 120-127.	3.4	125
13	Alternative function for the mitochondrial SAM complex in biogenesis of Î±-helical TOM proteins. Journal of Cell Biology, 2007, 179, 881-893.	5.2	104
14	Mitochondrial morphology and distribution in mammalian cells. Biological Chemistry, 2006, 387, 1551-1558.	2.5	103
15	Huntingtin Inclusions Trigger Cellular Quiescence, Deactivate Apoptosis, and Lead to Delayed Necrosis. Cell Reports, 2017, 19, 919-927.	6.4	98
16	Sengers Syndrome-Associated Mitochondrial Acylglycerol Kinase Is a Subunit of the Human TIM22 Protein Import Complex. Molecular Cell, 2017, 67, 457-470.e5.	9.7	96
17	Import of Proteins into Mitochondria. Methods in Cell Biology, 2007, 80, 783-806.	1.1	86
18	Inhibition of Bak Activation by VDAC2 Is Dependent on the Bak Transmembrane Anchor. Journal of Biological Chemistry, 2010, 285, 36876-36883.	3.4	83

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19	Mitochondrial protein import: precursor oxidation in a ternary complex with disulfide carrier and sulfhydryl oxidase. Journal of Cell Biology, 2008, 183, 195-202.	5.2	82
20	Mitochondrial protein transport in health and disease. Seminars in Cell and Developmental Biology, 2018, 76, 142-153.	5.0	75
21	Mitochondriaâ€"hubs for regulating cellular biochemistry: emerging concepts and networks. Open Biology, 2019, 9, 190126.	3.6	69
22	The MIA pathway: A tight bond between protein transport and oxidative folding in mitochondria. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1142-1150.	4.1	68
23	Tim29 is a novel subunit of the human TIM22 translocase and is involved in complex assembly and stability. ELife, 2016, 5, .	6.0	65
24	Dissecting the Roles of Mitochondrial Complex I Intermediate Assembly Complex Factors in the Biogenesis of Complex I. Cell Reports, 2020, 31, 107541.	6.4	64
25	Import of Nuclear-Encoded Proteins into Mitochondria. Experimental Physiology, 2003, 88, 57-64.	2.0	56
26	Sorting and assembly of mitochondrial outer membrane proteins. Biochimica Et Biophysica Acta - Bioenergetics, 2008, 1777, 557-563.	1.0	55
27	The MIA system for protein import into the mitochondrial intermembrane space. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 610-617.	4.1	54
28	Mechanisms of Protein Sorting in Mitochondria. Cold Spring Harbor Perspectives in Biology, 2012, 4, a011320-a011320.	5.5	52
29	Impaired Folding of the Mitochondrial Small TIM Chaperones Induces Clearance by the i-AAA Protease. Journal of Molecular Biology, 2012, 424, 227-239.	4.2	52
30	Mitochondrial protein quality control in health and disease. British Journal of Pharmacology, 2014, 171, 1870-1889.	5.4	51
31	Mitochondrial protein import dysfunction: mitochondrial disease, neurodegenerative disease and cancer. FEBS Letters, 2021, 595, 1107-1131.	2.8	48
32	Biogenesis of mitochondrial Î²-barrel proteins: the POTRA domain is involved in precursor release from the SAM complex. Molecular Biology of the Cell, 2011, 22, 2823-2833.	2.1	47
33	Function of hTim8a in complex IV assembly in neuronal cells provides insight into pathomechanism underlying Mohr-TranebjÃ¦rg syndrome. ELife, 2019, 8, .	6.0	34
34	Mitochondrial morphology and protein importâ€"A tight connection?. Biochimica Et Biophysica Acta - Molecular Cell Research, 2006, 1763, 414-421.	4.1	28
35	Mitochondrial protein import machineries and lipids: A functional connection. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 1002-1011.	2.6	27
36	Mitochondrial diseases caused by dysfunctional mitochondrial protein import. Biochemical Society Transactions, 2018, 46, 1225-1238.	3.4	25

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37	Diverse mechanisms and machineries for import of mitochondrial proteins. Biological Chemistry, 2007, 388, 891-897.	2.5	21
38	A Farnesylated Coxiella burnetii Effector Forms a Multimeric Complex at the Mitochondrial Outer Membrane during Infection. Infection and Immunity, 2017, 85, .	2.2	20
39	Targeting mitochondria: how intravacuolar bacterial pathogens manipulate mitochondria. Cell and Tissue Research, 2017, 367, 141-154.	2.9	20
40	The TIM22 complex mediates the import of sideroflexins and is required for efficient mitochondrial one-carbon metabolism. Molecular Biology of the Cell, 2021, 32, 475-491.	2.1	19
41	Mitochondrial protein homeostasis. IUBMB Life, 2013, 65, 191-201.	3.4	16
42	Rotavirus NSP6 localizes to mitochondria via a predicted N-terminal Î±-helix. Journal of General Virology, 2015, 96, 3519-3524.	2.9	13
43	Biogenesis of the Spacious Coxiella -Containing Vacuole Depends on Host Transcription Factors TFEB and TFE3. Infection and Immunity, 2020, 88, .	2.2	12
44	Proteomic Identification of Coxiella burnetii Effector Proteins Targeted to the Host Cell Mitochondria During Infection. Molecular and Cellular Proteomics, 2021, 20, 100005.	3.8	12
45	Mitofusins â€˜bridgeâ€™ the gap between oxidative stress and mitochondrial hyperfusion. EMBO Reports, 2012, 13, 870-871.	4.5	11
46	Sideroflexin 4 is a complex I assembly factor that interacts with the MCIA complex and is required for the assembly of the ND2 module. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2115566119.	7.1	10
47	MicroRNA-101-3p Modulates Mitochondrial Metabolism via the Regulation of Complex II Assembly. Journal of Molecular Biology, 2022, 434, 167361.	4.2	9
48	Super-resolution microscopy reveals the arrangement of inner membrane protein complexes in mammalian mitochondria. Journal of Cell Science, 2021, 134, .	2.0	6
49	Response: The Mitochondrial Î²-Signal and Protein Sorting. Cell, 2008, 135, 1159-1160.	28.9	3
50	Alternative function for the mitochondrial SAM complex in biogenesis of Î±-helical TOM proteins. Journal of Cell Biology, 2007, 179, 1613-1613.	5.2	1