Maria Bohnert

List of Publications by Year
in descending order

41 papers	3,543 citations	186265 28 h-index	289244 40 g-index
44 all docs	44 docs citations	44 times ranked	3712 citing authors

#	Article	IF	Citations
1	Dual role of Mic10 in mitochondrial cristae organization and ATP synthase-linked metabolic adaptation and respiratory growth. Cell Reports, 2022, 38, 110290.	6.4	16
2	A lysosomal biogenesis map reveals the cargo spectrum of yeast vacuolar protein targeting pathways. Journal of Cell Biology, 2022, 221, .	5.2	14
3	CG32803 is the fly homolog of LDAF1 and influences lipid storage in vivo. Insect Biochemistry and Molecular Biology, 2021, 133, 103512.	2.7	6
4	Lipid Droplet Contact Sites in Health and Disease. Trends in Cell Biology, 2021, 31, 345-358.	7.9	88
5	A move in response to starvation. ELife, 2021, 10, .	6.0	1
6	Born this way â€“ Biogenesis of lipid droplets from specialized ER subdomains. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158448.	2.4	38
7	Come a little bit closer! Lipid droplet-ER contact sites are getting crowded. Biochimica Et Biophysica Acta - Molecular Cell Research, 2020, 1867, 118603.	4.1	29
8	Tether Me, Tether Me Notâ€"Dynamic Organelle Contact Sites in Metabolic Rewiring. Developmental Cell, 2020, 54, 212-225.	7.0	46
9	New friends for seipin â€" Implications of seipin partner proteins in the life cycle of lipid droplets. Seminars in Cell and Developmental Biology, 2020, 108, 24-32.	5.0	20
10	The Sweet and Sour Taste of Phosphoinositide Signaling: Protonation of PI4P Modulates Its Function in Response to Cytoplasmic pH Changes. Developmental Cell, 2020, 52, 395-397.	7.0	2
11	Tethering Fat: Tethers in Lipid Droplet Contact Sites. Contact (Thousand Oaks (Ventura County, Calif) Tj ETQq1 1 0.784314 rgBT /Overl	1.3	20
12	Organelle Contact Sites: Lipid Droplets Hooked byÂMetabolically Controlled Tethers. Current Biology, 2019, 29, R375-R377.	3.9	7
13	Promethin Is a Conserved Seipin Partner Protein. Cells, 2019, 8, 268.	4.1	52
14	Assembly of the Mitochondrial Cristae Organizer Mic10 Is Regulated by Mic26â€“Mic27 Antagonism and Cardiolipin. Journal of Molecular Biology, 2018, 430, 1883-1890.	4.2	32
15	Identification of seipin-linked factors that act as determinants of a lipid droplet subpopulation. Journal of Cell Biology, 2018, 217, 269-282.	5.2	99
16	Wrapping up the fatsâ€"a structure of the lipid droplet biogenesis protein seipin. Journal of Cell Biology, 2018, 217, 4053-4054.	5.2	9
17	Stepping outside the comfort zone of membrane contact site research. Nature Reviews Molecular Cell Biology, 2018, 19, 483-484.	37.0	21
18	Vps39 Interacts with Tom40 to Establish One of Two Functionally Distinct Vacuole-Mitochondria Contact Sites. Developmental Cell, 2018, 45, 621-636.e7.	7.0	109

#	Article	IF	Citations
19	A different kind of love â€“ lipid droplet contact sites. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 1188-1196.	2.4	160
20	Mic10, a Core Subunit of the Mitochondrial Contact Site and Cristae Organizing System, Interacts with the Dimeric F 1 F o -ATP Synthase. Journal of Molecular Biology, 2017, 429, 1162-1170.	4.2	51
21	Definition of a High-Confidence Mitochondrial Proteome at Quantitative Scale. Cell Reports, 2017, 19, 2836-2852.	6.4	346
22	Mitochondrial OXA Translocase Plays a Major Role in Biogenesis of Inner-Membrane Proteins. Cell Metabolism, 2016, 23, 901-908.	16.2	60
23	A Tether Is a Tether Is a Tether: Tethering at Membrane Contact Sites. Developmental Cell, 2016, 39, 395-409.	7.0	315
24	Distinct Roles of Mic12 and Mic27 in the Mitochondrial Contact Site and Cristae Organizing System. Journal of Molecular Biology, 2016, 428, 1485-1492.	4.2	47
25	Redox-regulated dynamic interplay between Cox19 and the copper-binding protein Cox11 in the intermembrane space of mitochondria facilitates biogenesis of cytochrome<i>c</i>oxidase. Molecular Biology of the Cell, 2015, 26, 2385-2401.	2.1	56
26	Central Role of Mic10 in the Mitochondrial Contact Site and Cristae Organizing System. Cell Metabolism, 2015, 21, 747-755.	16.2	120
27	Sam37 is crucial for formation of the mitochondrial TOMâ€“SAM supercomplex, thereby promoting Î²-barrel biogenesis. Journal of Cell Biology, 2015, 210, 1047-1054.	5.2	75
28	Mitochondrial machineries for insertion of membrane proteins. Current Opinion in Structural Biology, 2015, 33, 92-102.	5.7	21
29	Mitochondrial protein sorting as a therapeutic target for ATP synthase disorders. Nature Communications, 2014, 5, 5585.	12.8	29
30	Cellular Metabolism Regulates Contact Sites between Vacuoles and Mitochondria. Developmental Cell, 2014, 30, 86-94.	7.0	285
31	Coupling of Mitochondrial Import and Export Translocases by Receptor-Mediated Supercomplex Formation. Cell, 2013, 154, 596-608.	28.9	115
32	Role of mitochondrial inner membrane organizing system in protein biogenesis of the mitochondrial outer membrane. Molecular Biology of the Cell, 2012, 23, 3948-3956.	2.1	108
33	Mgr2 promotes coupling of the mitochondrial presequence translocase to partner complexes. Journal of Cell Biology, 2012, 197, 595-604.	5.2	79
34	Mitofilin complexes: conserved organizers of mitochondrial membrane architecture. Biological Chemistry, 2012, 393, 1247-1261.	2.5	111
35	Mechanisms of Protein Sorting in Mitochondria. Cold Spring Harbor Perspectives in Biology, 2012, 4, a011320-a011320.	5.5	52
36	Role of MINOS in Mitochondrial Membrane Architecture: Cristae Morphology and Outer Membrane Interactions Differentially Depend on Mitofilin Domains. Journal of Molecular Biology, 2012, 422, 183-191.	4.2	112

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37	Role of MINOS in mitochondrial membrane architecture and biogenesis. Trends in Cell Biology, 2012, 22, 185-192.	7.9	135
38	Dual Role of Mitofilin in Mitochondrial Membrane Organization and Protein Biogenesis. Developmental Cell, 2011, 21, 694-707.	7.0	361
39	Composition and Topology of the Endoplasmic Reticulumâ€"Mitochondria Encounter Structure. Journal of Molecular Biology, 2011, 413, 743-750.	4.2	143
40	Cooperation of Stop-Transfer and Conservative Sorting Mechanisms in Mitochondrial Protein Transport. Current Biology, 2010, 20, 1227-1232.	3.9	75
41	A dynamic machinery for import of mitochondrial precursor proteins. FEBS Letters, 2007, 581, 2802-2810.	2.8	78