

# Mitochondrial Protein Interaction Mapping Identifies R Function

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Integrin-FAK signaling rapidly and potently promotes mitochondrial function through STAT3. <i>Cell Communication and Signaling</i> , 2016, 14, 32.	2.7	59
2	Mitochondrial protein functions elucidated by multi-omic mass spectrometry profiling. <i>Nature Biotechnology</i> , 2016, 34, 1191-1197.	9.4	122
3	Cerebellar Ataxia and Coenzyme Q Deficiency through Loss of Unorthodox Kinase Activity. <i>Molecular Cell</i> , 2016, 63, 608-620.	4.5	101
4	Gene Essentiality Profiling Reveals Gene Networks and Synthetic Lethal Interactions with Oncogenic Ras. <i>Cell</i> , 2017, 168, 890-903.e15.	13.5	535
5	Mitochondrial protein interactome elucidated by chemical cross-linking mass spectrometry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1732-1737.	3.3	165
6	Proximity Biotinylation as a Method for Mapping Proteins Associated with mtDNA in Living Cells. <i>Cell Chemical Biology</i> , 2017, 24, 404-414.	2.5	102
7	Identification of a Degradation Signal Sequence within Substrates of the Mitochondrial i-AAA Protease. <i>Journal of Molecular Biology</i> , 2017, 429, 873-885.	2.0	23
8	Recent Advances in Mitochondrial Disease. <i>Annual Review of Genomics and Human Genetics</i> , 2017, 18, 257-275.	2.5	217
9	Polymerase $\hat{\gamma}$ -interacting Protein 2: A Multifunctional Protein. <i>Journal of Cardiovascular Pharmacology</i> , 2017, 69, 335-342.	0.8	27
10	Functional Properties of the Mitochondrial Carrier System. <i>Trends in Cell Biology</i> , 2017, 27, 633-644.	3.6	86
11	Architecture of the human interactome defines protein communities and disease networks. <i>Nature</i> , 2017, 545, 505-509.	13.7	1,190
12	Structure of human Fe-S assembly subcomplex reveals unexpected cysteine desulfurase architecture and acyl-ACP- $\hat{\epsilon}$ -ISD11 interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E5325-E5334.	3.3	132
13	Integrative proteomics and biochemical analyses define Ptc6p as the <i>Saccharomyces cerevisiae</i> pyruvate dehydrogenase phosphatase. <i>Journal of Biological Chemistry</i> , 2017, 292, 11751-11759.	1.6	25
14	Detection of 6-demethoxyubiquinone in CoQ10 deficiency disorders: Insights into enzyme interactions and identification of potential therapeutics. <i>Molecular Genetics and Metabolism</i> , 2017, 121, 216-223.	0.5	25
15	The UbiK protein is an accessory factor necessary for bacterial ubiquinone (UQ) biosynthesis and forms a complex with the UQ biogenesis factor UbiJ. <i>Journal of Biological Chemistry</i> , 2017, 292, 11937-11950.	1.6	35
16	Leigh map: A novel computational diagnostic resource for mitochondrial disease. <i>Annals of Neurology</i> , 2017, 81, 9-16.	2.8	68
17	Biallelic C1QBP Mutations Cause Severe Neonatal-, Childhood-, or Later-Onset Cardiomyopathy Associated with Combined Respiratory-Chain Deficiencies. <i>American Journal of Human Genetics</i> , 2017, 101, 525-538.	2.6	58
18	Architecture of Human Mitochondrial Respiratory Megacomplex I2III2IV2. <i>Cell</i> , 2017, 170, 1247-1257.e12.	13.5	362

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19	Biochemistry of Mitochondrial Coenzyme Q Biosynthesis. <i>Trends in Biochemical Sciences</i> , 2017, 42, 824-843.	3.7	239
20	Acyl modification and binding of mitochondrial ACP to multiprotein complexes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1913-1920.	1.9	33
21	Multi-omic Mitoprotease Profiling Defines a Role for Oct1p in Coenzyme Q Production. <i>Molecular Cell</i> , 2017, 68, 970-977.e11.	4.5	45
22	A Map of Human Mitochondrial Protein Interactions Linked to Neurodegeneration Reveals New Mechanisms of Redox Homeostasis and NF- $\kappa$ B Signaling. <i>Cell Systems</i> , 2017, 5, 564-577.e12.	2.9	44
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24	The genetics and pathology of mitochondrial disease. <i>Journal of Pathology</i> , 2017, 241, 236-250.	2.1	329
25	Impact of Chemical Analogs of 4-Hydroxybenzoic Acid on Coenzyme Q Biosynthesis: From Inhibition to Bypass of Coenzyme Q Deficiency. <i>Frontiers in Physiology</i> , 2017, 8, 436.	1.3	39
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27	p13 protects against Parkinson's disease. <i>EMBO Reports</i> , 2018, 19, .	2.0	1
28	Human mitochondrial pyruvate carrier 2 as an autonomous membrane transporter. <i>Scientific Reports</i> , 2018, 8, 3510.	1.6	39
29	Islet proteomics reveals genetic variation in dopamine production resulting in altered insulin secretion. <i>Journal of Biological Chemistry</i> , 2018, 293, 5860-5877.	1.6	43
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31	Structure and mechanism of mitochondrial electron transport chain. <i>Biomedical Journal</i> , 2018, 41, 9-20.	1.4	133
32	Insights into an Ancient Atypical Kinase Essential for Biosynthesis of Coenzyme Q. <i>Cell Chemical Biology</i> , 2018, 25, 123-125.	2.5	1
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39	BioSITE: A Method for Direct Detection and Quantitation of Site-Specific Biotinylation. <i>Journal of Proteome Research</i> , 2018, 17, 759-769.	1.8	70
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50	Ultra-High Pressure (>30,000 psi) Packing of Capillary Columns Enhancing Depth of Shotgun Proteomic Analyses. <i>Analytical Chemistry</i> , 2018, 90, 11503-11508.	3.2	62
51	Molecular diagnosis of coenzyme Q <sub>10</sub> deficiency: an update. <i>Expert Review of Molecular Diagnostics</i> , 2018, 18, 491-498.	1.5	33
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61	Induction of vitellogenesis in female banana shrimp, <i>Fenneropenaeus merguensis</i> by leucine-tyrosine-arginine motif-containing protein 5 (LYRM5). <i>Aquaculture</i> , 2019, 512, 734292.	1.7	0
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85	Mitochondrial proteins: from biogenesis to functional networks. <i>Nature Reviews Molecular Cell Biology</i> , 2019, 20, 267-284.	16.1	569
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155	Signatures of hostâ€™pathogen evolutionary conflict reveal MISTRâ€™A conserved Mitochondrial Stress Response network. <i>PLoS Biology</i> , 2020, 18, e3001045.	2.6	20
156	An Atlas of Protein-Protein Interactions Across Mammalian Tissues. <i>SSRN Electronic Journal</i> , 0, , .	0.4	8

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157	Mitochondrial fatty acid synthesis coordinates oxidative metabolism in mammalian mitochondria. <i>ELife</i> , 2020, 9, .	2.8	62
158	ALKBH7 mediates necrosis via rewiring of glyoxal metabolism. <i>ELife</i> , 2020, 9, .	2.8	14
159	Interrogating Mitochondrial Biology and Disease Using CRISPR/Cas9 Gene Editing. <i>Genes</i> , 2021, 12, 1604.	1.0	10
163	Systems Analysis of the 22q11.2 Microdeletion Syndrome Converges on a Mitochondrial Interactome Necessary for Synapse Function and Behavior. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
164	A Soluble Metabolon Synthesizes the Isoprenoid Lipid Ubiquinone. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
169	Molecular Structure, Biosynthesis, and Distribution of Coenzyme Q. , 2020, , 11-49.		0
174	Coenzyme Q at the Hinge of Health and Metabolic Diseases. <i>Antioxidants</i> , 2021, 10, 1785.	2.2	8
176	Mouse midbrain dopaminergic neurons survive loss of the PD-associated mitochondrial protein CHCHD2. <i>Human Molecular Genetics</i> , 2021, , .	1.4	5
177	NME6 is a phosphotransfer-inactive, monomeric NME/NDPK family member and functions in complexes at the interface of mitochondrial inner membrane and matrix. <i>Cell and Bioscience</i> , 2021, 11, 195.	2.1	12
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