

Eduardo Balsa Martinez

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,910
citations

623734

14
h-index

996975

15
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16
all docs

16
docs citations

16
times ranked

3801
citing authors

#	ARTICLE	IF	CITATIONS
1	Supercomplex Assembly Determines Electron Flux in the Mitochondrial Electron Transport Chain. <i>Science</i> , 2013, 340, 1567-1570.	12.6	687
2	NDUFA4 Is a Subunit of Complex IV of the Mammalian Electron Transport Chain. <i>Cell Metabolism</i> , 2012, 16, 378-386.	16.2	323
3	Induction of the Mitochondrial NDUFA4L2 Protein by HIF-1 α Decreases Oxygen Consumption by Inhibiting Complex I Activity. <i>Cell Metabolism</i> , 2011, 14, 768-779.	16.2	276
4	ER and Nutrient Stress Promote Assembly of Respiratory Chain Supercomplexes through the PERK-eIF2 α Axis. <i>Molecular Cell</i> , 2019, 74, 877-890.e6.	9.7	214
5	Defective NADPH production in mitochondrial disease complex I causes inflammation and cell death. <i>Nature Communications</i> , 2020, 11, 2714.	12.8	69
6	Role of Mitochondrial Complex IV in Age-Dependent Obesity. <i>Cell Reports</i> , 2016, 16, 2991-3002.	6.4	65
7	A cold-stress-inducible PERK/OGT axis controls TOM70-assisted mitochondrial protein import and cristae formation. <i>Cell Metabolism</i> , 2021, 33, 598-614.e7.	16.2	52
8	Bromodomain Inhibitors Correct Bioenergetic Deficiency Caused by Mitochondrial Disease Complex I Mutations. <i>Molecular Cell</i> , 2016, 64, 163-175.	9.7	50
9	Tetracyclines promote survival and fitness in mitochondrial disease models. <i>Nature Metabolism</i> , 2021, 3, 33-42.	11.9	37
10	H3K27me3-mediated PGC1 α gene silencing promotes melanoma invasion through WNT5A and YAP. <i>Journal of Clinical Investigation</i> , 2020, 130, 853-862.	8.2	32
11	Peroxisomal-derived ether phospholipids link nucleotides to respirasome assembly. <i>Nature Chemical Biology</i> , 2021, 17, 703-710.	8.0	28
12	Inhibition of the ER stress IRE1 α inflammatory pathway protects against cell death in mitochondrial complex I mutant cells. <i>Cell Death and Disease</i> , 2018, 9, 658.	6.3	24
13	ERR α Maintains Mitochondrial Oxidative Metabolism and Constitutes an Actionable Target in PGC1 α -Elevated Melanomas. <i>Molecular Cancer Research</i> , 2017, 15, 1366-1375.	3.4	23
14	Acute Vhl Gene Inactivation Induces Cardiac HIF-Dependent Erythropoietin Gene Expression. <i>PLoS ONE</i> , 2011, 6, e22589.	2.5	23
15	Mutant versions of von Hippel-Lindau (VHL) can protect HIF1 α from SART1-mediated degradation in clear-cell renal cell carcinoma. <i>Oncogene</i> , 2016, 35, 587-594.	5.9	7