

Inmaculada C Martinez-Reyes

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7410063/publications.pdf>

Version: 2024-02-01

23
papers

3,647
citations

394421

19
h-index

713466

21
g-index

25
all docs

25
docs citations

25
times ranked

5586
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Mitochondrial TCA cycle metabolites control physiology and disease. <i>Nature Communications</i> , 2020, 11, 102. | 12.8 | 1,213 |
| 2 | Cancer metabolism: looking forward. <i>Nature Reviews Cancer</i> , 2021, 21, 669-680. | 28.4 | 676 |
| 3 | TCA Cycle and Mitochondrial Membrane Potential Are Necessary for Diverse Biological Functions. <i>Molecular Cell</i> , 2016, 61, 199-209. | 9.7 | 396 |
| 4 | Mitochondrial complex III is essential for suppressive function of regulatory T cells. <i>Nature</i> , 2019, 565, 495-499. | 27.8 | 323 |
| 5 | Mitochondrial ubiquinol oxidation is necessary for tumour growth. <i>Nature</i> , 2020, 585, 288-292. | 27.8 | 205 |
| 6 | A CRISPR screen identifies a pathway required for paraquat-induced cell death. <i>Nature Chemical Biology</i> , 2017, 13, 1274-1279. | 8.0 | 138 |
| 7 | The H ⁺ -ATP synthase: A gate to ROS-mediated cell death or cell survival. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014, 1837, 1099-1112. | 1.0 | 91 |
| 8 | Mitochondrial nicotinamide adenine dinucleotide reduced (NADH) oxidation links the tricarboxylic acid (TCA) cycle with methionine metabolism and nuclear DNA methylation. <i>PLoS Biology</i> , 2018, 16, e2005707. | 5.6 | 77 |
| 9 | Expression, regulation and clinical relevance of the ATPase inhibitory factor 1 in human cancers. <i>Oncogenesis</i> , 2013, 2, e46-e46. | 4.9 | 70 |
| 10 | Degradation of IF1 controls energy metabolism during osteogenic differentiation of stem cells. <i>EMBO Reports</i> , 2013, 14, 638-644. | 4.5 | 62 |
| 11 | Down-regulation of oxidative phosphorylation in the liver by expression of the ATPase inhibitory factor 1 induces a tumor-promoter metabolic state. <i>Oncotarget</i> , 2016, 7, 490-508. | 1.8 | 59 |
| 12 | AMPK and GCN2 ^α ATF4 signal the repression of mitochondria in colon cancer cells. <i>Biochemical Journal</i> , 2012, 444, 249-259. | 3.7 | 56 |
| 13 | Mitochondrial One-Carbon Metabolism Maintains Redox Balance during Hypoxia. <i>Cancer Discovery</i> , 2014, 4, 1371-1373. | 9.4 | 51 |
| 14 | Waste Not, Want Not: Lactate Oxidation Fuels the TCA Cycle. <i>Cell Metabolism</i> , 2017, 26, 803-804. | 16.2 | 44 |
| 15 | The mitochondrial bioenergetic capacity of carcinomas. <i>IUBMB Life</i> , 2010, 62, 554-60. | 3.4 | 43 |
| 16 | miR-127-5p targets the 3'UTR of human β -F1-ATPase mRNA and inhibits its translation. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, 838-848. | 1.0 | 37 |
| 17 | SGK1 signaling promotes glucose metabolism and survival in extracellular matrix detached cells. <i>Cell Reports</i> , 2021, 34, 108821. | 6.4 | 32 |
| 18 | Acetyl-CoA-directed gene transcription in cancer cells. <i>Genes and Development</i> , 2018, 32, 463-465. | 5.9 | 23 |

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|----|---|-----|-----------|
| 19 | Overexpression of the ATPase Inhibitory Factor 1 Favors a Non-metastatic Phenotype in Breast Cancer. <i>Frontiers in Oncology</i> , 2017, 7, 69. | 2.8 | 22 |
| 20 | Genes Involved in Maintaining Mitochondrial Membrane Potential Upon Electron Transport Chain Disruption. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 781558. | 3.7 | 16 |
| 21 | Changes in the Turnover of the Cellular Proteome during Metabolic Reprogramming: A Role for mtROS in Proteostasis. <i>Journal of Proteome Research</i> , 2019, 18, 3142-3155. | 3.7 | 12 |
| 22 | SGK1 Signaling Promotes Glucose Metabolism and Survival in Extracellular Matrix Detached Cells. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 1 |
| 23 | The Relevance of the Mitochondrial H ⁺ -ATP Synthase in Cancer Biology. , 2015, , 233-256. | | 0 |