

# Javier Traba

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6154582/publications.pdf>

Version: 2024-02-01

33  
papers

1,311  
citations

393982

19  
h-index

454577

30  
g-index

34  
all docs

34  
docs citations

34  
times ranked

4407  
citing authors

#	ARTICLE	IF	CITATIONS
1	Second signals rescue B cells from activation-induced mitochondrial dysfunction and death. <i>Nature Immunology</i> , 2018, 19, 871-884.	7.0	166
2	Fasting and refeeding differentially regulate NLRP3 inflammasome activation in human subjects. <i>Journal of Clinical Investigation</i> , 2015, 125, 4592-4600.	3.9	135
3	Prolonged fasting suppresses mitochondrial NLRP3 inflammasome assembly and activation via SIRT3-mediated activation of superoxide dismutase 2. <i>Journal of Biological Chemistry</i> , 2017, 292, 12153-12164.	1.6	107
4	SCaMC-1 promotes cancer cell survival by desensitizing mitochondrial permeability transition via ATP/ADP-mediated matrix Ca <sup>2+</sup> buffering. <i>Cell Death and Differentiation</i> , 2012, 19, 650-660.	5.0	96
5	Glutamate excitotoxicity and Ca <sup>2+</sup> -regulation of respiration: Role of the Ca <sup>2+</sup> activated mitochondrial transporters (CaMCs). <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 1158-1166.	0.5	77
6	Silencing of the Charcot-Marie-Tooth disease-associated gene GDAP1 induces abnormal mitochondrial distribution and affects Ca <sup>2+</sup> homeostasis by reducing store-operated Ca <sup>2+</sup> entry. <i>Neurobiology of Disease</i> , 2013, 55, 140-151.	2.1	75
7	Yeast mitochondria import ATP through the calcium-dependent ATP-Mg/Pi carrier Sal1p, and are ATP consumers during aerobic growth in glucose. <i>Molecular Microbiology</i> , 2008, 69, 570-585.	1.2	59
8	Regulation of autophagy and mitophagy by nutrient availability and acetylation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014, 1841, 525-534.	1.2	56
9	The calcium-dependent ATP-Mg/Pi mitochondrial carrier is a target of glucose-induced calcium signalling in <i>Saccharomyces cerevisiae</i> . <i>Biochemical Journal</i> , 2005, 392, 537-544.	1.7	51
10	Characterization of SCaMC-3-like/slc25a41, a novel calcium-independent mitochondrial ATP-Mg/Pi carrier. <i>Biochemical Journal</i> , 2009, 418, 125-133.	1.7	51
11	Mitochondrial ATP-Mg/Pi Carrier SCaMC-3/Slc25a23 Counteracts PARP-1-Dependent Fall in Mitochondrial ATP Caused by Excitotoxic Insults in Neurons. <i>Journal of Neuroscience</i> , 2015, 35, 3566-3581.	1.7	50
12	Glucagon Regulation of Oxidative Phosphorylation Requires an Increase in Matrix Adenine Nucleotide Content through Ca <sup>2+</sup> Activation of the Mitochondrial ATP-Mg/Pi Carrier SCaMC-3. <i>Journal of Biological Chemistry</i> , 2013, 288, 7791-7802.	1.6	46
13	Increased Mitochondrial Biogenesis and Reactive Oxygen Species Production Accompany Prolonged CD4 <sup>+</sup> T Cell Activation. <i>Journal of Immunology</i> , 2018, 201, 3294-3306.	0.4	39
14	Trans-endocytosis of intact IL-15R $\alpha$ -IL-15 complex from presenting cells into NK cells favors signaling for proliferation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 522-531.	3.3	38
15	Adenine nucleotide transporters in organelles: novel genes and functions. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 1183-1206.	2.4	36
16	An Optimized Protocol to Analyze Glycolysis and Mitochondrial Respiration in Lymphocytes. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	31
17	The role of caloric load and mitochondrial homeostasis in the regulation of the NLRP3 inflammasome. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 1777-1791.	2.4	28
18	A Pilot Study To Investigate the Immune-Modulatory Effects of Fasting in Steroid-Naive Mild Asthmatics. <i>Journal of Immunology</i> , 2018, 201, 1382-1388.	0.4	24

#	ARTICLE	IF	CITATIONS
19	ATP-degrading ENPP1 is required for survival (or persistence) of long-lived plasma cells. <i>Scientific Reports</i> , 2017, 7, 17867.	1.6	23
20	Loss of GCN5L1 in cardiac cells disrupts glucose metabolism and promotes cell death via reduced Akt/mTORC2 signaling. <i>Biochemical Journal</i> , 2019, 476, 1713-1724.	1.7	22
21	Cardiac-specific deletion of GCN5L1 restricts recovery from ischemia-reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 129, 69-78.	0.9	19
22	Immunometabolism at the Nexus of Cancer Therapeutic Efficacy and Resistance. <i>Frontiers in Immunology</i> , 2021, 12, 657293.	2.2	18
23	Transport of adenine nucleotides in the mitochondria of <i>Saccharomyces cerevisiae</i> : Interactions between the ADP/ATP carriers and the ATP-Mg/Pi carrier. <i>Mitochondrion</i> , 2009, 9, 79-85.	1.6	17
24	SCaMC-1 Like a Member of the Mitochondrial Carrier (MC) Family Preferentially Expressed in Testis and Localized in Mitochondria and Chromatoid Body. <i>PLoS ONE</i> , 2012, 7, e40470.	1.1	15
25	Feeding-induced resistance to acute lethal sepsis is dependent on hepatic BMAL1 and FXR signalling. <i>Nature Communications</i> , 2021, 12, 2745.	5.8	13
26	NOTCH-mediated ex vivo expansion of human hematopoietic stem and progenitor cells by culture under hypoxia. <i>Stem Cell Reports</i> , 2021, 16, 2336-2350.	2.3	10
27	Analysis of Human Natural Killer Cell Metabolism. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	4
28	Isolating Brain Mitochondria by Differential Centrifugation. <i>Bio-protocol</i> , 2016, 6, .	0.2	3
29	Measurement of Cytosolic Mitochondrial DNA After NLRP3 Inflammasome Activation. <i>Methods in Molecular Biology</i> , 2022, 2459, 117-129.	0.4	1
30	Mitochondrial function and dysfunction in innate immunity. <i>Current Opinion in Physiology</i> , 2022, 28, 100571.	0.9	1
31	Role of the Ca <sup>2+</sup> uniporter and the mitochondrial Ca <sup>2+</sup> -activated transporters of aspartate/glutamate (aralar/AGC1) and ATP-Mg/Pi (SCaMC-3) in agonist-stimulated respiration of intact cerebral cortex neurons. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, S80-S81.	0.5	0
32	Isolating Liver Mitochondria by Differential Centrifugation. <i>Bio-protocol</i> , 2016, 6, .	0.2	0
33	Assessing Changes in Human Natural Killer Cell Metabolism Using the Seahorse Extracellular Flux Analyzer. <i>Methods in Molecular Biology</i> , 2022, 2463, 165-180.	0.4	0