

Pasquale Scarcia

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,213
citations

331670

21
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

2976
citing authors

#	ARTICLE	IF	CITATIONS
1	UCP2 transports C4 metabolites out of mitochondria, regulating glucose and glutamine oxidation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 960-965.	7.1	322
2	A fourth ADP/ATP carrier isoform in man: identification, bacterial expression, functional characterization and tissue distribution. FEBS Letters, 2005, 579, 633-637.	2.8	198
3	Altered calcium homeostasis in autism-spectrum disorders: evidence from biochemical and genetic studies of the mitochondrial aspartate/glutamate carrier AGC1. Molecular Psychiatry, 2010, 15, 38-52.	7.9	184
4	Identification and functional reconstitution of the yeast peroxisomal adenine nucleotide transporter. EMBO Journal, 2001, 20, 5049-5059.	7.8	182
5	Complete loss-of-function of the heart/muscle-specific adenine nucleotide translocator is associated with mitochondrial myopathy and cardiomyopathy. Human Molecular Genetics, 2005, 14, 3079-3088.	2.9	165
6	Identification of mitochondrial carriers in <i>Saccharomyces cerevisiae</i> by transport assay of reconstituted recombinant proteins. Biochimica Et Biophysica Acta - Bioenergetics, 2006, 1757, 1249-1262.	1.0	147
7	The human gene <i>SLC25A17</i> encodes a peroxisomal transporter of coenzyme A, FAD and NAD ⁺ . Biochemical Journal, 2012, 443, 241-247.	3.7	125
8	Identification and Functional Characterization of a Novel Mitochondrial Carrier for Citrate and Oxoglutarate in <i>Saccharomyces cerevisiae</i> . Journal of Biological Chemistry, 2010, 285, 17359-17370.	3.4	107
9	Epistasis-driven identification of SLC25A51 as a regulator of human mitochondrial NAD import. Nature Communications, 2020, 11, 6145.	12.8	78
10	Mutations in AAC2, equivalent to human adPEO-associated ANT1 mutations, lead to defective oxidative phosphorylation in <i>Saccharomyces cerevisiae</i> and affect mitochondrial DNA stability. Human Molecular Genetics, 2004, 13, 923-934.	2.9	71
11	Diseases Caused by Mutations in Mitochondrial Carrier Genes SLC25: A Review. Biomolecules, 2020, 10, 655.	4.0	70
12	Mutations in the Mitochondrial Citrate Carrier SLC25A1 are Associated with Impaired Neuromuscular Transmission. Journal of Neuromuscular Diseases, 2014, 1, 75-90.	2.6	69
13	KRAS-regulated glutamine metabolism requires UCP2-mediated aspartate transport to support pancreatic cancer growth. Nature Metabolism, 2020, 2, 1373-1381.	11.9	62
14	Agenesis of corpus callosum and optic nerve hypoplasia due to mutations in <i>SLC25A1</i> encoding the mitochondrial citrate transporter. Journal of Medical Genetics, 2013, 50, 240-245.	3.2	60
15	Peroxisomes as Novel Players in Cell Calcium Homeostasis. Journal of Biological Chemistry, 2008, 283, 15300-15308.	3.4	49
16	The mitochondrial citrate carrier in <i>Yarrowia lipolytica</i> : Its identification, characterization and functional significance for the production of citric acid. Metabolic Engineering, 2019, 54, 264-274.	7.0	48
17	The yeast peroxisomal adenine nucleotide transporter: characterization of two transport modes and involvement in Δ pH formation across peroxisomal membranes. Biochemical Journal, 2004, 381, 581-585.	3.7	43
18	Statins, fibrates and retinoic acid upregulate mitochondrial acylcarnitine carrier gene expression. Biochemical and Biophysical Research Communications, 2009, 388, 643-647.	2.1	39

#	ARTICLE	IF	CITATIONS
19	SLC25A10 biallelic mutations in intractable epileptic encephalopathy with complex I deficiency. <i>Human Molecular Genetics</i> , 2018, 27, 499-504.	2.9	37
20	Identification of a novel Sp1 splice variant as a strong transcriptional activator. <i>Biochemical and Biophysical Research Communications</i> , 2011, 412, 86-91.	2.1	29
21	An overview of combined D- and L-hydroxyglutaric aciduria: functional analysis of CIC variants. <i>Journal of Inherited Metabolic Disease</i> , 2018, 41, 169-180.	3.6	24
22	Changes in Mitochondrial Carriers Exhibit Stress-Specific Signatures in INS-1E ² -Cells Exposed to Glucose Versus Fatty Acids. <i>PLoS ONE</i> , 2013, 8, e82364.	2.5	21
23	Engineering <i>Yarrowia lipolytica</i> for the selective and high-level production of isocitric acid through manipulation of mitochondrial dicarboxylate-tricarboxylate carriers. <i>Metabolic Engineering</i> , 2021, 65, 156-166.	7.0	20
24	Monoamine oxidase-dependent histamine catabolism accounts for post-ischemic cardiac redox imbalance and injury. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3050-3059.	3.8	18
25	Methionine supplementation stimulates mitochondrial respiration. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 1901-1913.	4.1	17
26	Mitochondrial carriers of <i>Ustilago maydis</i> and <i>Aspergillus terreus</i> involved in itaconate production: same physiological role but different biochemical features. <i>FEBS Letters</i> , 2020, 594, 728-739.	2.8	9
27	In <i>Saccharomyces cerevisiae</i> grown in synthetic minimal medium supplemented with non-fermentable carbon sources glutamate is synthesized within mitochondria. <i>Rendiconti Lincei</i> , 2018, 29, 483-490.	2.2	6
28	An Overview of Mitochondrial Protein Defects in Neuromuscular Diseases. <i>Biomolecules</i> , 2021, 11, 1633.	4.0	6
29	RTG Signaling Sustains Mitochondrial Respiratory Capacity in HOG1-Dependent Osmoadaptation. <i>Microorganisms</i> , 2021, 9, 1894.	3.6	4
30	Uridine Treatment of the First Known Case of SLC25A36 Deficiency. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9929.	4.1	3