Pasquale Scarcia

List of Publications by Year
in descending order

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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	Engineering Yarrowia lipolytica for the selective and high-level production of isocitric acid through manipulation of mitochondrial dicarboxylateâ€“tricarboxylate carriers. Metabolic Engineering, 2021, 65, 156-166.	7.0	20
2	RTG Signaling Sustains Mitochondrial Respiratory Capacity in HOG1-Dependent Osmoadaptation. Microorganisms, 2021, 9, 1894.	3.6	4
3	Uridine Treatment of the First Known Case of SLC25A36 Deficiency. International Journal of Molecular Sciences, 2021, 22, 9929.	4.1	3
4	An Overview of Mitochondrial Protein Defects in Neuromuscular Diseases. Biomolecules, 2021, 11, 1633.	4.0	6
5	Mitochondrial carriers of UstilagoÂmaydis and AspergillusÂterreus involved in itaconate production: same physiological role but different biochemical features. FEBS Letters, 2020, 594, 728-739.	2.8	9
6	KRAS-regulated glutamine metabolism requires UCP2-mediated aspartate transport to support pancreatic cancer growth. Nature Metabolism, 2020, 2, 1373-1381.	11.9	62
7	Epistasis-driven identification of SLC25A51 as a regulator of human mitochondrial NAD import. Nature Communications, 2020, 11, 6145.	12.8	78
8	Diseases Caused by Mutations in Mitochondrial Carrier Genes SLC25: A Review. Biomolecules, 2020, 10, 655.	4.0	70
9	The mitochondrial citrate carrier in Yarrowia lipolytica: Its identification, characterization and functional significance for the production of citric acid. Metabolic Engineering, 2019, 54, 264-274.	7.0	48
10	SLC25A10 biallelic mutations in intractable epileptic encephalopathy with complex I deficiency. Human Molecular Genetics, 2018, 27, 499-504.	2.9	37
11	In Saccharomyces cerevisiae grown in synthetic minimal medium supplemented with non-fermentable carbon sources glutamate is synthesized within mitochondria. Rendiconti Lincei, 2018, 29, 483-490.	2.2	6
12	An overview of combined Dâ€2â€•and Lâ€2â€hydroxyglutaric aciduria: functional analysis of CIC variants. Journal of Inherited Metabolic Disease, 2018, 41, 169-180.	3.6	24
13	Methionine supplementation stimulates mitochondrial respiration. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 1901-1913.	4.1	17
14	Monoamine oxidase-dependent histamine catabolism accounts for post-ischemic cardiac redox imbalance and injury. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 3050-3059.	3.8	18
15	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
16	Mutations in the Mitochondrial Citrate Carrier SLC25A1 are Associated with Impaired Neuromuscular Transmission. Journal of Neuromuscular Diseases, 2014, 1, 75-90.	2.6	69
17	Agenesis of corpus callosum and optic nerve hypoplasia due to mutations inSLC25A1encoding the mitochondrial citrate transporter. Journal of Medical Genetics, 2013, 50, 240-245.	3.2	60
18	Changes in Mitochondrial Carriers Exhibit Stress-Specific Signatures in INS-1Eβ²-Cells Exposed to Glucose Versus Fatty Acids. PLoS ONE, 2013, 8, e82364.	2.5	21

#	Article	IF	Citations
19	The human gene SLC25A17 encodes a peroxisomal transporter of coenzyme A, FAD and NAD+. Biochemical Journal, 2012, 443, 241-247.	3.7	125
20	Identification of a novel Sp1 splice variant as a strong transcriptional activator. Biochemical and Biophysical Research Communications, 2011, 412, 86-91.	2.1	29
21	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
22	Identification and Functional Characterization of a Novel Mitochondrial Carrier for Citrate and Oxoglutarate in Saccharomyces cerevisiae. Journal of Biological Chemistry, 2010, 285, 17359-17370.	3.4	107
23	Statins, fibrates and retinoic acid upregulate mitochondrial acylcarnitine carrier gene expression. Biochemical and Biophysical Research Communications, 2009, 388, 643-647.	2.1	39
24	Peroxisomes as Novel Players in Cell Calcium Homeostasis. Journal of Biological Chemistry, 2008, 283, 15300-15308.	3.4	49
25	Identification of mitochondrial carriers in Saccharomyces cerevisiae by transport assay of reconstituted recombinant proteins. Biochimica Et Biophysica Acta - Bioenergetics, 2006, 1757, 1249-1262.	1.0	147
26	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
27	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
28	Mutations in AAC2, equivalent to human adPEO-associated ANT1 mutations, lead to defective oxidative phosphorylation in Saccharomyces cerevisiae and affect mitochondrial DNA stability. Human Molecular Genetics, 2004, 13, 923-934.	2.9	71
29	The yeast peroxisomal adenine nucleotide transporter: characterization of two transport modes and involvement in Î”pH formation across peroxisomal membranes. Biochemical Journal, 2004, 381, 581-585.	3.7	43
30	Identification and functional reconstitution of the yeast peroxisomal adenine nucleotide transporter. EMBO Journal, 2001, 20, 5049-5059.	7.8	182