Cristina Dallabona

List of Publications by Year
in descending order

36 papers	1,460 citations	430442 18 h-index	329751 37 g-index
37 all docs	37 docs citations	37 times ranked	2517 citing authors

#	Article	IF	Citations
1	Functional analysis of missense DARS2 variants in siblings with leukoencephalopathy with brain stem and spinal cord involvement and lactate elevation. Molecular Genetics and Metabolism, 2022, 136, 260-267.	0.5	1
2	LBSL. Neurology: Genetics, 2021, 7, e559.	0.9	11
3	The Power of Yeast in Modelling Human Nuclear Mutations Associated with Mitochondrial Diseases. Genes, 2021, 12, 300.	1.0	15
4	A Yeast-Based Screening Unravels Potential Therapeutic Molecules for Mitochondrial Diseases Associated with Dominant ANT1 Mutations. International Journal of Molecular Sciences, 2021, 22, 4461.	1.8	10
5	Mitochondrial Aminoacyl-tRNA Synthetase and Disease: The Yeast Contribution for Functional Analysis of Novel Variants. International Journal of Molecular Sciences, 2021, 22, 4524.	1.8	11
6	In-frame deletion in canine PITRM1 is associated with a severe early-onset epilepsy, mitochondrial dysfunction and neurodegeneration. Human Genetics, 2021, 140, 1593-1609.	1.8	9
7	Epigenetic Alterations in Prescription Opioid Misuse: New Strategies for Precision Pain Management. Genes, 2021, 12, 1226.	1.0	6
8	A Yeast-Based Repurposing Approach for the Treatment of Mitochondrial DNA Depletion Syndromes Led to the Identification of Molecules Able to Modulate the dNTP Pool. International Journal of Molecular Sciences, 2021, 22, 12223.	1.8	6
9	Saccharomyces cerevisiae as a Tool for Studying Mutations in Nuclear Genes Involved in Diseases Caused by Mitochondrial DNA Instability. Genes, 2021, 12, 1866.	1.0	13
10	Sabotage at the Powerhouse? Unraveling the Molecular Target of 2-Isopropylbenzaldehyde Thiosemicarbazone, a Specific Inhibitor of Aflatoxin Biosynthesis and Sclerotia Development in Aspergillus flavus, Using Yeast as a Model System. Molecules, 2019, 24, 2971.	1.7	4
11	Yeast expression of mammalian Onzin and fungal FCR1 suggests ancestral functions of PLAC8 proteins in mitochondrial metabolism and DNA repair. Scientific Reports, 2019, 9, 6629.	1.6	17
12	Mutations in the mitochondrial tryptophanylâ€tRNA synthetase cause growth retardation and progressive leukoencephalopathy. Molecular Genetics & Genomic Medicine, 2019, 7, e654.	0.6	13
13	Sideroblastic anemia with myopathy secondary to novel, pathogenic missense variants in the YARS2 gene. Haematologica, 2018, 103, e564-e566.	1.7	5
14	Pathological alleles of MPV17 modeled in the yeast Saccharomyces cerevisiae orthologous gene SYM1 reveal their inability to take part in a high molecular weight complex. PLoS ONE, 2018, 13, e0205014.	1.1	10
15	Pathogenic variants in glutamyl-tRNAGln amidotransferase subunits cause a lethal mitochondrial cardiomyopathy disorder. Nature Communications, 2018, 9, 4065.	5.8	44
16	Clinical Features, Molecular Heterogeneity, and Prognostic Implications in YARS2-Related Mitochondrial Myopathy. JAMA Neurology, 2017, 74, 686.	4.5	41
17	Dominance of yeast aac2 R96H and aac2 R252G mutations, equivalent to pathological mutations in ant1, is due to gain of function. Biochemical and Biophysical Research Communications, 2017, 493, 909-913.	1.0	8
18	Defective mitochondrial rRNA methyltransferase MRM2 causes MELAS-like clinical syndrome. Human Molecular Genetics, 2017, 26, 4257-4266.	1.4	63

#	Article	IF	Citations
19	Recurrent De Novo Dominant Mutations in SLC25A4 Cause Severe Early-Onset Mitochondrial Disease and Loss of Mitochondrial DNA Copy Number. American Journal of Human Genetics, 2016, 99, 860-876.	2.6	93
20	Defective <scp>PITRM</scp> 1 mitochondrial peptidase is associated with AÎ² amyloidotic neurodegeneration. EMBO Molecular Medicine, 2016, 8, 176-190.	3.3	60
21	LYRM7mutations cause a multifocal cavitating leukoencephalopathy with distinct MRI appearance. Brain, 2016, 139, 782-794.	3.7	51
22	Modeling human Coenzyme A synthase mutation in yeast reveals altered mitochondrial function, lipid content and iron metabolism. Microbial Cell, 2015, 2, 126-135.	1.4	15
23	DNA polymerase ÃŽÂ³ and disease: what we have learned from yeast. Frontiers in Genetics, 2015, 6, 106.	1.1	23
24	TRMT5 Mutations Cause a Defect in Post-transcriptional Modification of Mitochondrial tRNA Associated with Multiple Respiratory-Chain Deficiencies. American Journal of Human Genetics, 2015, 97, 319-328.	2.6	83
25	Polymorphisms in DNA polymerase Î³ affect the mtDNA stability and the NRTI-induced mitochondrial toxicity in Saccharomyces cerevisiae. Mitochondrion, 2015, 20, 52-63.	1.6	16
26	Elongator-dependent modification of cytoplasmic tRNA^{Lys}_{UUU}is required for mitochondrial function under stress conditions. Nucleic Acids Research, 2015, 43, 8368-8380.	6.5	30
27	A Novel Homozygous YARS2 Mutation in Two Italian Siblings and a Review of Literature. JIMD Reports, 2014, 20, 95-101.	0.7	19
28	VARS2andTARS2Mutations in Patients with Mitochondrial Encephalomyopathies. Human Mutation, 2014, 35, 983-989.	1.1	86
29	Novel (ovario) leukodystrophy related to AARS2 mutations. Neurology, 2014, 82, 2063-2071.	1.5	172
30	MTO1 Mutations are Associated with Hypertrophic Cardiomyopathy and Lactic Acidosis and Cause Respiratory Chain Deficiency in Humans and Yeast. Human Mutation, 2013, 34, 1501-1509.	1.1	67
31	A Homozygous Mutation in<scp>LYRM</scp>7/<scp>MZM</scp>1<scp>L</scp>Associated with Early Onset Encephalopathy, Lactic Acidosis, and Severe Reduction of Mitochondrial Complex<scp>III</scp>Activity. Human Mutation, 2013, 34, 1619-1622.	1.1	60
32	Mutations of the Mitochondrial-tRNA Modifier MTO1 Cause Hypertrophic Cardiomyopathy and Lactic Acidosis. American Journal of Human Genetics, 2012, 90, 1079-1087.	2.6	164
33	Predicting the contribution of novel POLG mutations to human disease through analysis in yeast model. Mitochondrion, 2011, 11, 182-190.	1.6	23
34	Mitochondrial diseases and the role of the yeast models. FEMS Yeast Research, 2010, 10, 1006-1022.	1.1	40
35	Sym1, the yeast ortholog of the MPV17 human disease protein, is a stress-induced bioenergetic and morphogenetic mitochondrial modulator. Human Molecular Genetics, 2010, 19, 1098-1107.	1.4	69
36	Genetic and chemical rescue of the Saccharomyces cerevisiae phenotype induced by mitochondrial DNA polymerase mutations associated with progressive external ophthalmoplegia in humans. Human Molecular Genetics, 2006, 15, 2846-2855.	1.4	80