CristÃ³fol Vives-BauzÃ

List of Publications by Year
in descending order

42 papers	3,077 citations	304743 22 h-index	276875 41 g-index
44 all docs	44 docs citations	44 times ranked	7032 citing authors

#	Article	IF	Citations
1	PINK1-dependent recruitment of Parkin to mitochondria in mitophagy. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 378-383.	7.1	1,415
2	Mitophagy: the latest problem for Parkinson's disease. Trends in Molecular Medicine, 2011, 17, 158-165.	6.7	143
3	<scp>CHCHD</scp> 10 mutations promote loss of mitochondrial cristae junctions with impaired mitochondrial genome maintenance and inhibition of apoptosis. EMBO Molecular Medicine, 2016, 8, 58-72.	6.9	143
4	The Age Lipid A2E and Mitochondrial Dysfunction Synergistically Impair Phagocytosis by Retinal Pigment Epithelial Cells. Journal of Biological Chemistry, 2008, 283, 24770-24780.	3.4	135
5	PINK1 Defect Causes Mitochondrial Dysfunction, Proteasomal Deficit and Î±-Synuclein Aggregation in Cell Culture Models of Parkinson's Disease. PLoS ONE, 2009, 4, e4597.	2.5	116
6	Assay of Mitochondrial ATP Synthesis in Animal Cells and Tissues. Methods in Cell Biology, 2007, 80, 155-171.	1.1	97
7	Enhanced ROS production and antioxidant defenses in cybrids harbouring mutations in mtDNA. Neuroscience Letters, 2006, 391, 136-141.	2.1	87
8	Mitochondrial DNA background modifies the bioenergetics of NARP/MILS ATP6 mutant cells. Human Molecular Genetics, 2010, 19, 374-386.	2.9	81
9	Sequence Analysis of the Entire Mitochondrial Genome in Parkinson's Disease. Biochemical and Biophysical Research Communications, 2002, 290, 1593-1601.	2.1	69
10	Bilateral striatal necrosis associated with a novel mutation in the mitochondrial ND6 gene. Annals of Neurology, 2003, 54, 527-530.	5.3	62
11	Measurements of the Antioxidant Enzyme Activities of Superoxide Dismutase, Catalase, and Glutathione Peroxidase. Methods in Cell Biology, 2007, 80, 379-393.	1.1	62
12	Lack of paternal inheritance of muscle mitochondrial DNA in sporadic mitochondrial myopathies. Annals of Neurology, 2003, 54, 524-526.	5.3	58
13	PINK1/Parkin direct mitochondria to autophagy. Autophagy, 2010, 6, 315-316.	9.1	49
14	PATJ Low Frequency Variants Are Associated With Worse Ischemic Stroke Functional Outcome. Circulation Research, 2019, 124, 114-120.	4.5	49
15	Loss of MICOS complex integrity and mitochondrial damage, but not TDP-43 mitochondrial localisation, are likely associated with severity of CHCHD10-related diseases. Neurobiology of Disease, 2018, 119, 159-171.	4.4	48
16	Familial expansile osteolysis in a large Spanish kindred resulting from an insertion mutation in the TNFRSF11A gene. Journal of Medical Genetics, 2002, 39, 67e-67.	3.2	43
17	Dual Cases of Type 1 Narcolepsy with Schizophrenia and Other Psychotic Disorders. Journal of Clinical Sleep Medicine, 2014, 10, 1011-1018.	2.6	41
18	Disrupted in schizophrenia 1 (DISC1) is a constituent of the mammalian mitochondrial contact site and cristae organizing system (MICOS) complex, and is essential for oxidative phosphorylation. Human Molecular Genetics, 2016, 25, 4157-4169.	2.9	38

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19	Relapsingâ€“Remitting Multiple Sclerosis Is Characterized by a T Follicular Cell Pro-Inflammatory Shift, Reverted by Dimethyl Fumarate Treatment. Frontiers in Immunology, 2018, 9, 1097.	4.8	37
20	Early Neurological Change After Ischemic Stroke Is Associated With 90-Day Outcome. Stroke, 2021, 52, 132-141.	2.0	36
21	Novel Role of ATPase Subunit C Targeting Peptides Beyond Mitochondrial Protein Import. Molecular Biology of the Cell, 2010, 21, 131-139.	2.1	28
22	A novel exon 3 mutation (D76V) in the SOD1 gene associated with slowly progressive ALS. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders: Official Publication of the World Federation of Neurology, Research Group on Motor Neuron Diseases, 2002, 3, 69-74.	1.2	23
23	PINK1 points Parkin to mitochondria. Autophagy, 2010, 6, 674-675.	9.1	22
24	Anti-NMDAR antibodies in new-onset psychosis. Positive results in an HIV-infected patient. Brain, Behavior, and Immunity, 2016, 56, 56-60.	4.1	22
25	Exercise intolerance resulting: from a muscle-restricted mutation in the mitochondrial tRNALeu(CUN)gene. Annals of Medicine, 2001, 33, 493-496.	3.8	21
26	Effect of iron salts, haemosiderins, and chelating agents on the lymphocytes of a thalassaemia patient without chelation therapy as measured in the comet assay. Teratogenesis, Carcinogenesis, and Mutagenesis, 2000, 20, 251-264.	0.8	18
27	Genotype-phenotype correlation in the 5703G>A mutation in the tRNAAsn gene of mitochondrial DNA. Journal of Inherited Metabolic Disease, 2003, 26, 507-508.	3.6	18
28	Effects of iron salts and haemosiderin from a thalassaemia patient on oxygen radical damage as measured in the comet assay. Teratogenesis, Carcinogenesis, and Mutagenesis, 2000, 20, 11-26.	0.8	16
29	Control of mitochondrial integrity in Parkinsonâ€™s disease. Progress in Brain Research, 2010, 183, 99-113.	1.4	15
30	Genome-Wide Association Study of White Blood Cell Counts in Patients With Ischemic Stroke. Stroke, 2019, 50, 3618-3621.	2.0	13
31	Validation of a clinical-genetics score to predict hemorrhagic transformations after rtPA. Neurology, 2019, 93, e851-e863.	1.1	10
32	Single nucleotide variations in ZBTB46 are associated with post-thrombolytic parenchymal haematoma. Brain, 2021, 144, 2416-2426.	7.6	10
33	Genome-Wide Association Study of VKORC1 and CYP2C9 on acenocoumarol dose, stroke recurrence and intracranial haemorrhage in Spain. Scientific Reports, 2020, 10, 2806.	3.3	7
34	Is there a pathogenic role for mitochondria in Parkinson's disease?. Parkinsonism and Related Disorders, 2009, 15, S241-S244.	2.2	6
35	Whole exome sequencing analysis reveals TRPV3 as a risk factor for cardioembolic stroke/subtitle. Thrombosis and Haemostasis, 2016, 116, 1165-1771.	3.4	6
36	RP11-362K2.2:RP11-767I20.1 Genetic Variation Is Associated with Post-Reperfusion Therapy Parenchymal Hematoma. A GWAS Meta-Analysis. Journal of Clinical Medicine, 2021, 10, 3137.	2.4	6

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37	Investigation of mutant frequency at the HPRT locus and changes in microsatellite sequences in healthy young adults. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1999, 431, 317-323.	1.0	5
38	Preventing in vitro lipoperoxidation in the malondialdehyde-thiobarbituric assay. Clinical Chemistry and Laboratory Medicine, 2004, 42, 903-6.	2.3	4
39	AproximaciÃ³n al conocimiento de las bases genÃ©ticas del ictus. Consorcio espaÃ±ol de genÃ©tica del ictus. NeurologÃa, 2014, 29, 560-566.	0.7	4
40	Familial Psychosis Associated With a Missense Mutation at MACF1 Gene Combined With the Rare Duplications DUP3p26.3 and DUP16q23.3, Affecting the CNTN6 and CDH13 Genes. Frontiers in Genetics, 2021, 12, 622886.	2.3	3
41	A mitochondrial DNA duplication as a marker of skeletal muscle specific mutations in the mitochondrial genome. Journal of Medical Genetics, 2004, 41, e73-e73.	3.2	2
42	The age lipid A2E and mitochondrial dysfunction synergistically impair phagocytosis by retinal pigment epithelial cells.. Journal of Biological Chemistry, 2013, 288, 32639.	3.4	0