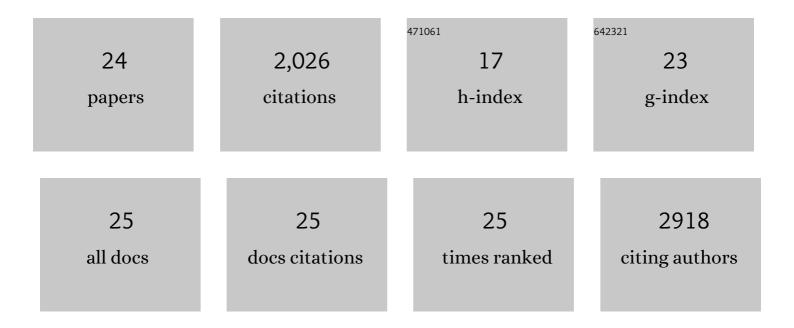
## **Christophe Rocher**

List of Publications by Year in descending order

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CHRISTORNE ROCHER

#	Article	IF	CITATIONS
1	Mutation m.3395A > G in MT-ND1 leads to variable pathologic manifestations. Human Molecular Genetics, 2020, 29, 980-989.	1.4	5
2	Cybrides virtuels : simuler l'influence du fond génétique mitochondrial sur le métabolisme. Les Cahiers De Myologie, 2019, , 44-46.	0.0	0
3	Genomic landscape of human diversity across Madagascar. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6498-E6506.	3.3	77
4	Fast digestive, leucineâ€rich, soluble milk proteins improve muscle protein anabolism, and mitochondrial function in undernourished old rats. Molecular Nutrition and Food Research, 2017, 61, 1700287.	1.5	11
5	Respiratory chain inhibition: one more feature to propose MPTP intoxication as a Leigh syndrome model. Journal of Bioenergetics and Biomembranes, 2016, 48, 483-491.	1.0	2
6	Human testis-specific genes are under relaxed negative selection. Molecular Genetics and Genomics, 2014, 289, 37-45.	1.0	5
7	Prevalence of rare mitochondrial DNA mutations in mitochondrial disorders. Journal of Medical Genetics, 2013, 50, 704-714.	1.5	95
8	Adaptative Capacity of Mitochondrial Biogenesis and of Mitochondrial Dynamics in Response to Pathogenic Respiratory Chain Dysfunction. Antioxidants and Redox Signaling, 2013, 19, 350-365.	2.5	17
9	Preservation of NADH ubiquinone-oxidoreductase activity by Src kinase-mediated phosphorylation of NDUFB10. Biochimica Et Biophysica Acta - Bioenergetics, 2012, 1817, 718-725.	0.5	50
10	Novel mitochondrial DNA mutations responsible for maternally inherited nonsyndromic hearing loss. Human Mutation, 2012, 33, 681-689.	1.1	34
11	Mutation Rate Switch inside Eurasian Mitochondrial Haplogroups: Impact of Selection and Consequences for Dating Settlement in Europe. PLoS ONE, 2011, 6, e21543.	1.1	22
12	OPA1-related dominant optic atrophy is not strongly influenced by mitochondrial DNA background. BMC Medical Genetics, 2009, 10, 70.	2.1	13
13	Influence of mitochondrial DNA level on cellular energy metabolism: implications for mitochondrial diseases. Journal of Bioenergetics and Biomembranes, 2008, 40, 59-67.	1.0	57
14	New evidence of a mitochondrial genetic background paradox: Impact of the J haplogroup on the A3243G mutation. BMC Medical Genetics, 2008, 9, 41.	2.1	23
15	A Mouse Model of Mitochondrial Disease Reveals Germline Selection Against Severe mtDNA Mutations. Science, 2008, 319, 958-962.	6.0	408
16	Functional dynamic compartmentalization of respiratory chain intermediate substrates: Implications for the control of energy production and mitochondrial diseases. International Journal of Biochemistry and Cell Biology, 2008, 40, 1543-1554.	1.2	61
17	Time course of differential mitochondrial energy metabolism adaptation to chronic hypoxia in right and left ventricles. Cardiovascular Research, 2005, 66, 132-140.	1.8	61
18	Effects of corticosterone on muscle mitochondria identifying different sensitivity to glucocorticoids in Lewis and Fischer rats. American Journal of Physiology - Endocrinology and Metabolism, 2004, 286, E159-E167.	1.8	43

#	Article	IF	CITATIONS
19	Mobilization of Adenine Nucleotide Translocators as Molecular Bases of the Biochemical Threshold Effect Observed in Mitochondrial Diseases. Journal of Biological Chemistry, 2004, 279, 20411-20421.	1.6	45
20	Mitochondrial threshold effects. Biochemical Journal, 2003, 370, 751-762.	1.7	656
21	Base composition at mtDNA boundaries suggests a DNA triple helix model for human mitochondrial DNA large-scale rearrangements. Molecular Genetics and Metabolism, 2002, 76, 123-132.	0.5	23
22	What do mitochondrial diseases teach us about normal mitochondrial functions that we already knew: threshold expression of mitochondrial defects. Biochimica Et Biophysica Acta - Bioenergetics, 2001, 1504, 20-30.	0.5	78
23	Tissue variation in the control of oxidative phosphorylation: implication for mitochondrial diseases. Biochemical Journal, 2000, 347, 45.	1.7	61
24	Tissue variation in the control of oxidative phosphorylation: implication for mitochondrial diseases. Biochemical Journal, 2000, 347, 45-53.	1.7	179