# Christophe Rocher

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8071687/publications.pdf

Version: 2024-02-01

| 24 | 2,026 | 471061 17 | 642321 23 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 25 | 25 | 25 | 2918 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Mutation m.3395Aâ€‰>â€‰G in MT-ND1 leads to variable pathologic manifestations. Human Molecular Genetics, 2020, 29, 980-989. | 1.4 | 5 |
| 2 | Cybrides virtuels : simuler lâ€™influence du fond gÃ©nÃ©tique mitochondrial sur le mÃ©tabolisme. 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 |