Naig Gueguen

List of Publications by Year
in descending order

34	993	471061 17	454577 30
papers	citations	h-index	g-index

35	35	35	2095
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Variants in Mitochondrial <scp>ATP</scp> Synthase Cause Variable Neurologic Phenotypes. Annals of Neurology, 2022, 91, 225-237.	2.8	12
2	Glutamate-Induced Deregulation of Krebs Cycle in Mitochondrial Encephalopathy Lactic Acidosis Syndrome Stroke-Like Episodes (MELAS) Syndrome Is Alleviated by Ketone Body Exposure. Biomedicines, 2022, 10, 1665.	1.4	4
3	Next-Generation Sequencing Identifies Novel PMPCA Variants in Patients with Late-Onset Dominant Optic Atrophy. Genes, 2022, 13, 1202.	1.0	0
4	Iron Deficiency without Anemia Decreases Physical Endurance and Mitochondrial Complex I Activity of Oxidative Skeletal Muscle in the Mouse. Nutrients, 2021, 13, 1056.	1.7	16
5	Secondary coenzyme Q deficiency in neurological disorders. Free Radical Biology and Medicine, 2021, 165, 203-218.	1.3	10
6	Optic neuropathy linked to ACAD9 pathogenic variants: A potentially riboflavin-responsive disorder?. Mitochondrion, 2021, 59, 169-174.	1.6	3
7	Doxorubicin-Induced Autophagolysosome Formation Is Partly Prevented by Mitochondrial ROS Elimination in DOX-Resistant Breast Cancer Cells. International Journal of Molecular Sciences, 2021, 22, 9283.	1.8	11
8	The Long Non-Coding RNA SAMMSON Is a Regulator of Chemosensitivity and Metabolic Orientation in MCF-7 Doxorubicin-Resistant Breast Cancer Cells. Biology, 2021, 10, 1156.	1.3	12
9	Mutations in MTHFR and POLG impaired activity of the mitochondrial respiratory chain in 46-year-old twins with spastic paraparesis. Journal of Human Genetics, 2020, 65, 91-98.	1.1	5
10	Clinical, neuroimaging and biochemical findings in patients and patient fibroblasts expressing ten novel GFM1 mutations. Human Mutation, 2020, 41, 397-402.	1.1	10
11	Oxidative stress contributes differentially to the pathophysiology of Charcot-Marie-Tooth disease type 2K. Experimental Neurology, 2020, 323, 113069.	2.0	22
12	Increased Protein S-Glutathionylation in Leberâ€™s Hereditary Optic Neuropathy (LHON). International Journal of Molecular Sciences, 2020, 21, 3027.	1.8	8
13	Warburg-like effect is a hallmark of complex I assembly defects. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 2475-2489.	1.8	13
14	Phostine 3.1a as a pharmacological compound with antiangiogenic properties against diseases with excess vascularization. FASEB Journal, 2019, 33, 5864-5875.	0.2	5
15	The accumulation of assembly intermediates of the mitochondrial complex I matrix arm is reduced by limiting glucose uptake in a neuronal-like model of MELAS syndrome. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 1596-1608.	1.8	15
16	Iron deficiency without anemia is responsible for decreased left ventricular function and reduced mitochondrial complex I activity in a mouse model. International Journal of Cardiology, 2018, 266, 206-212.	0.8	28
17	Study of mitochondrial function in placental insufficiency. Placenta, 2018, 67, 1-7.	0.7	10
18	CLUH couples mitochondrial distribution to the energetic and metabolic status. Journal of Cell Science, 2017, 130, 1940-1951.	1.2	38

#	Article	IF	Citations
19	Autophagy controls the pathogenicity of <scp>OPA</scp>1 mutations in dominant optic atrophy. Journal of Cellular and Molecular Medicine, 2017, 21, 2284-2297.	1.6	30
20	The addition of ketone bodies alleviates mitochondrial dysfunction by restoring complex I assembly in a MELAS cellular model. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 284-291.	1.8	41
21	Novel NDUFS4 gene mutation in an atypical late-onset mitochondrial form of multifocal dystonia. Neurology: Genetics, 2017, 3, e205.	0.9	7
22	Targeted Metabolomics Reveals Early Dominant Optic Atrophy Signature in Optic Nerves of Opa1^{delTTAG/+} Mice. , 2017, 58, 812.		22
23	The metabolomic signature of Leberâ€™s hereditary optic neuropathy reveals endoplasmic reticulum stress. Brain, 2016, 139, 2864-2876.	3.7	45
24	OPA1-related disorders: Diversity of clinical expression, modes of inheritance and pathophysiology. Neurobiology of Disease, 2016, 90, 20-26.	2.1	45
25	Optic neuropathy, cardiomyopathy, cognitive disability in patients with a homozygous mutation in the nuclear MTO1 and a mitochondrial MTâ€TF variant. American Journal of Medical Genetics, Part A, 2015, 167, 2366-2374.	0.7	22
26	Assembly defects induce oxidative stress in inherited mitochondrial complex I deficiency. International Journal of Biochemistry and Cell Biology, 2015, 65, 91-103.	1.2	29
27	Recessive Mutations in RTN4IP1 Cause Isolated and Syndromic Optic Neuropathies. American Journal of Human Genetics, 2015, 97, 754-760.	2.6	54
28	A Mitochondria-Specific Isoform of FASTK Is Present In Mitochondrial RNA Granules and Regulates Gene Expression and Function. Cell Reports, 2015, 10, 1110-1121.	2.9	77
29	Mitochondrial energetic defects in muscle and brain of aHmbs^{â^'/â^'}mouse model of acute intermittent porphyria. Human Molecular Genetics, 2015, 24, 5015-5023.	1.4	34
30	Resveratrol Directly Binds to Mitochondrial Complex I and Increases Oxidative Stress in Brain Mitochondria of Aged Mice. PLoS ONE, 2015, 10, e0144290.	1.1	70
31	Loss-of-Function Mutations in WDR73 Are Responsible for Microcephaly and Steroid-Resistant Nephrotic Syndrome: Galloway-Mowat Syndrome. American Journal of Human Genetics, 2014, 95, 637-648.	2.6	108
32	Pro-oxidant effect of ALA is implicated in mitochondrial dysfunction of HepG2 cells. Biochimie, 2014, 106, 157-166.	1.3	24
33	Idebenone increases mitochondrial complex I activity in fibroblasts from LHON patients while producing contradictory effects on respiration. BMC Research Notes, 2011, 4, 557.	0.6	50
34	Hereditary optic neuropathies share a common mitochondrial coupling defect. Annals of Neurology, 2008, 63, 794-798.	2.8	112