Valentina Del Dotto

List of Publications by Year
in descending order

17	953	686830 13	887659 17
papers	citations	h-index	g-index

17	17	17	1623
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	OPA1 Isoforms in the Hierarchical Organization of Mitochondrial Functions. Cell Reports, 2017, 19, 2557-2571.	2.9	158
2	Syndromic parkinsonism and dementia associated with <scp>OPA</scp>1 missense mutations. Annals of Neurology, 2015, 78, 21-38.	2.8	154
3	Eight human OPA1 isoforms, long and short: What are they for?. Biochimica Et Biophysica Acta - Bioenergetics, 2018, 1859, 263-269.	0.5	111
4	Cigarette toxicity triggers Leberâ€™s hereditary optic neuropathy by affecting mtDNA copy number, oxidative phosphorylation and ROS detoxification pathways. Cell Death and Disease, 2015, 6, e2021-e2021.	2.7	107
5	SSBP1 mutations cause mtDNA depletion underlying a complex optic atrophy disorder. Journal of Clinical Investigation, 2019, 130, 108-125.	3.9	65
6	Incomplete penetrance in mitochondrial optic neuropathies. Mitochondrion, 2017, 36, 130-137.	1.6	55
7	Peculiar combinations of individually non-pathogenic missense mitochondrial DNA variants cause low penetrance Leberâ€™s hereditary optic neuropathy. PLoS Genetics, 2018, 14, e1007210.	1.5	47
8	OPA1: How much do we know to approach therapy?. Pharmacological Research, 2018, 131, 199-210.	3.1	44
9	Expanding and validating the biomarkers for mitochondrial diseases. Journal of Molecular Medicine, 2020, 98, 1467-1478.	1.7	44
10	Deciphering OPA1 mutations pathogenicity by combined analysis of human, mouse and yeast cell models. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 3496-3514.	1.8	36
11	Calcium mishandling in absence of primary mitochondrial dysfunction drives cellular pathology in Wolfram Syndrome. Scientific Reports, 2020, 10, 4785.	1.6	33
12	ATPase Domain <scp>AFG3L2</scp> Mutations Alter <scp>OPA1</scp> Processing and Cause Optic Neuropathy. Annals of Neurology, 2020, 88, 18-32.	2.8	31
13	DNMT1 mutations leading to neurodegeneration paradoxically reflect on mitochondrial metabolism. Human Molecular Genetics, 2020, 29, 1864-1881.	1.4	19
14	Metabolomics hallmarks OPA1 variants correlating with their in vitro phenotype and predicting clinical severity. Human Molecular Genetics, 2020, 29, 1319-1329.	1.4	17
15	Drug repositioning as a therapeutic strategy for neurodegenerations associated with OPA1 mutations. Human Molecular Genetics, 2021, 29, 3631-3645.	1.4	13
16	Dominant Optic Atrophy (DOA): Modeling the Kaleidoscopic Roles of OPA1 in Mitochondrial Homeostasis. Frontiers in Neurology, 2021, 12, 681326.	1.1	11
17	Mitochondrial Mass Assessment in a Selected Cell Line under Different Metabolic Conditions. Cells, 2019, 8, 1454.	1.8	8