Catarina M Quinzii

List of Publications by Year
in descending order

59	3,274	159585 30	168389 53
papers	citations	h-index	g-index

60	60	60	4472
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mutant CHCHD10 causes an extensive metabolic rewiring that precedes OXPHOS dysfunction in a murine model of mitochondrial cardiomyopathy. Cell Reports, 2022, 38, 110475.	6.4	11
2	Mechanisms and Therapeutic Effects of Benzoquinone Ring Analogs in Primary CoQ Deficiencies. Antioxidants, 2022, 11, 665.	5.1	3
3	Abnormalities of hydrogen sulfide and glutathione pathways in mitochondrial dysfunction. Journal of Advanced Research, 2021, 27, 79-84.	9.5	11
4	Regulatory environment for novel therapeutic development in mitochondrial diseases. Journal of Inherited Metabolic Disease, 2021, 44, 292-300.	3.6	1
5	ETMM-04. AURKA INHIBITION REPROGRAMS METABOLISM AND IS SYNTHETICALLY LETHAL WITH FATTY ACID OXIDATION INHIBITION IN GLIOBLASTOMA MODEL SYSTEMS. Neuro-Oncology Advances, 2021, 3, i15-i15.	0.7	0
6	Targeting a Braf/Mapk pathway rescues podocyte lipid peroxidation in CoQ-deficiency kidney disease. Journal of Clinical Investigation, 2021, 131, .	8.2	25
7	Metabolic Targets of Coenzyme Q10 in Mitochondria. Antioxidants, 2021, 10, 520.	5.1	37
8	Aurora kinase A inhibition reverses the Warburg effect and elicits unique metabolic vulnerabilities in glioblastoma. Nature Communications, 2021, 12, 5203.	12.8	38
9	MET Inhibition Elicits PGC1Î±-Dependent Metabolic Reprogramming in Glioblastoma. Cancer Research, 2020, 80, 30-43.	0.9	35
10	Coenzyme Q10 modulates sulfide metabolism and links the mitochondrial respiratory chain to pathways associated to one carbon metabolism. Human Molecular Genetics, 2020, 29, 3296-3311.	2.9	16
11	Inhibition of HDAC1/2 Along with TRAP1 Causes Synthetic Lethality in Glioblastoma Model Systems. Cells, 2020, 9, 1661.	4.1	20
12	Inefficient thermogenic mitochondrial respiration due to futile proton leak in a mouse model of fragile X syndrome. FASEB Journal, 2020, 34, 7404-7426.	0.5	26
13	HDAC inhibitors elicit metabolic reprogramming by targeting super-enhancers in glioblastoma models. Journal of Clinical Investigation, 2020, 130, 3699-3716.	8.2	104
14	Redefining infantile-onset multisystem phenotypes of coenzyme Q10-deficiency in the next-generation sequencing era. , 2020, 4, 22-35.		6
15	TAMI-33. AURKA INHIBITION REPROGRAMS METABOLISM AND IS SYNTHETICALLY LETHAL WITH FATTY ACID OXIDATION INHIBITION IN GLIOBLASTOMA. Neuro-Oncology, 2020, 22, ii220-ii220.	1.2	0
16	Primary coenzyme Q10 deficiency-7: expanded phenotypic spectrum and a founder mutation in southern Chinese. Npj Genomic Medicine, 2019, 4, 18.	3.8	29
17	A metabolic perspective on CSF-mediated neurodegeneration in multiple sclerosis. Brain, 2019, 142, 2756-2774.	7.6	35
18	Activation of <scp>LXR</scp> Î² inhibits tumor respiration and is synthetically lethal with Bclâ€• <scp>xL</scp> inhibition. EMBO Molecular Medicine, 2019, 11, e10769.	6.9	32

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19	Growth differentiation factor-15 as a biomarker of strength and recovery in survivors of acute respiratory failure. Thorax, 2019, 74, 1099-1101.	5.6	7
20	Coenzyme Q10 Deficiency. , 2019, , 169-182.		0
21	Cardiomyopathy and altered integrin-actin signaling in Fhl1 mutant female mice. Human Molecular Genetics, 2019, 28, 209-219.	2.9	9
22	Metabolic studies of a patient harbouring a novel S487L mutation in the catalytic subunit of AMPK. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 1896-1903.	3.8	1
23	Mitochondrial dysfunction in fibroblasts of Multiple System Atrophy. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 3588-3597.	3.8	32
24	Mitochondrial Dysregulation and Impaired Autophagy in iPSC-Derived Dopaminergic Neurons of Multiple System Atrophy. Stem Cell Reports, 2018, 11, 1185-1198.	4.8	46
25	CoQ10 supplementation rescues nephrotic syndrome through normalization of H2S oxidation pathway. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 3708-3722.	3.8	35
26	Combined HDAC and Bromodomain Protein Inhibition Reprograms Tumor Cell Metabolism and Elicits Synthetic Lethality in Glioblastoma. Clinical Cancer Research, 2018, 24, 3941-3954.	7.0	35
27	Metabolic Reprogramming by Dual AKT/ERK Inhibition through Imipridones Elicits Unique Vulnerabilities in Glioblastoma. Clinical Cancer Research, 2018, 24, 5392-5406.	7.0	67
28	Emerging therapies for mitochondrial diseases. Essays in Biochemistry, 2018, 62, 467-481.	4.7	113
29	Inhibition of Bcl-2/Bcl-xL and c-MET causes synthetic lethality in model systems of glioblastoma. Scientific Reports, 2018, 8, 7373.	3.3	6
30	Anti-Oxidant Drugs: Novelties and Clinical Implications in Cerebellar Ataxias. Current Neuropharmacology, 2018, 17, 21-32.	2.9	4
31	A Novel SUCLA2 Mutation Presenting as a Complex Childhood Movement Disorder. Journal of Child Neurology, 2017, 32, 246-250.	1.4	15
32	Coenzyme Q deficiency causes impairment of the sulfide oxidation pathway. EMBO Molecular Medicine, 2017, 9, 96-111.	6.9	61
33	The Role of Sulfide Oxidation Impairment in the Pathogenesis of Primary CoQ Deficiency. Frontiers in Physiology, 2017, 8, 525.	2.8	41
34	Coenzyme Q10 as a Peripheral Biomarker for Multiple System Atrophy. JAMA Neurology, 2016, 73, 917.	9.0	7
35	Decreased Coenzyme Q10 Levels in Multiple System Atrophy Cerebellum. Journal of Neuropathology and Experimental Neurology, 2016, 75, 663-672.	1.7	57
36	The clinical heterogeneity of coenzyme Q₁₀ deficiency results from genotypic differences in the Coq9 gene. EMBO Molecular Medicine, 2015, 7, 670-687.	6.9	77

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37	CoQ10 Deficiency Is Not a Common Finding in GLUT1 Deficiency Syndrome. JIMD Reports, 2015, 29, 47-52.	1.5	7
38	Lack of aprataxin impairs mitochondrial functions via downregulation of the APE1/NRF1/NRF2 pathway. Human Molecular Genetics, 2015, 24, 4516-4529.	2.9	23
39	Pathomechanisms in Coenzyme Q₁₀-Deficient Human Fibroblasts. Molecular Syndromology, 2014, 5, 163-169.	0.8	23
40	Clinical Presentations of Coenzyme Q10 Deficiency Syndrome. Molecular Syndromology, 2014, 5, 141-146.	0.8	38
41	Deoxypyrimidine monophosphate bypass therapy for thymidine kinase 2 deficiency. EMBO Molecular Medicine, 2014, 6, 1016-1027.	6.9	79
42	Multiple System Atrophy and Amyotrophic Lateral Sclerosis in a Family With Hexanucleotide Repeat Expansions inC9orf72. JAMA Neurology, 2014, 71, 771.	9.0	66
43	Supercompetitor Status of Drosophila Myc Cells Requires p53 as a Fitness Sensor to Reprogram Metabolism and Promote Viability. Cell Metabolism, 2014, 19, 470-483.	16.2	115
44	High-Mobility Group Box 1 Is Dispensable for Autophagy, Mitochondrial Quality Control, and Organ Function InÂVivo. Cell Metabolism, 2014, 19, 539-547.	16.2	82
45	Tissueâ€specific oxidative stress and loss of mitochondria in CoQâ€deficient Pdss2 mutant mice. FASEB Journal, 2013, 27, 612-621.	0.5	61
46	Cerebellar Ataxia and Deficiency. , 2013, 1, 1004.		3
47	CoQ10 deficiencies and MNGIE: Two treatable mitochondrial disorders. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 625-631.	2.4	83
48	Effects of Inhibiting CoQ10 Biosynthesis with 4-nitrobenzoate in Human Fibroblasts. PLoS ONE, 2012, 7, e30606.	2.5	40
49	Primary and secondary CoQ₁₀ deficiencies in humans. BioFactors, 2011, 37, 361-365.	5.4	96
50	Coenzyme Q and mitochondrial disease. Developmental Disabilities Research Reviews, 2010, 16, 183-188.	2.9	157
51	Treatment of CoQ10 Deficient Fibroblasts with Ubiquinone, CoQ Analogs, and Vitamin C: Time- and Compound-Dependent Effects. PLoS ONE, 2010, 5, e11897.	2.5	92
52	Reactive oxygen species, oxidative stress, and cell death correlate with level of CoQ ₁₀ deficiency. FASEB Journal, 2010, 24, 3733-3743.	0.5	142
53	ADCK3, an Ancestral Kinase, Is Mutated in a Form of Recessive Ataxia Associated with Coenzyme Q10 Deficiency. American Journal of Human Genetics, 2008, 82, 661-672.	6.2	290
54	X-Linked Dominant Scapuloperoneal Myopathy Is Due to a Mutation in the Gene Encoding Four-and-a-Half-LIM Protein 1. American Journal of Human Genetics, 2008, 82, 208-213.	6.2	108

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55	Respiratory chain dysfunction and oxidative stress correlate with severity of primary CoQ ₁₀ deficiency. FASEB Journal, 2008, 22, 1874-1885.	0.5	150
56	CoQ10 deficiency diseases in adults. Mitochondrion, 2007, 7, S122-S126.	3.4	55
57	Human Coenzyme Q10 Deficiency. Neurochemical Research, 2007, 32, 723-727.	3.3	163
58	Leigh Syndrome with Nephropathy and CoQ10 Deficiency Due to decaprenyl diphosphate synthase subunit 2 (PDSS2) Mutations. American Journal of Human Genetics, 2006, 79, 1125-1129.	6.2	359
59	Inefficient Thermogenic Mitochondrial Respiration Due to Futile Proton Leak in a Mouse Model of Fragile X Syndrome. SSRN Electronic Journal, 0, , .	0.4	0