

Claus Desler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2454328/publications.pdf>

Version: 2024-02-01

29
papers

869
citations

623574

14
h-index

501076

28
g-index

33
all docs

33
docs citations

33
times ranked

1768
citing authors

#	ARTICLE	IF	CITATIONS
1	Partial inhibition of mitochondrial-linked pyrimidine synthesis increases tumorigenic potential and lysosome accumulation. <i>Mitochondrion</i> , 2022, 64, 73-81.	1.6	4
2	Atorvastatin impairs liver mitochondrial function in obese Göttingen Minipigs but heart and skeletal muscle are not affected. <i>Scientific Reports</i> , 2021, 11, 2167.	1.6	5
3	Bloom syndrome DNA helicase deficiency is associated with oxidative stress and mitochondrial network changes. <i>Scientific Reports</i> , 2021, 11, 2157.	1.6	14
4	Real-time Monitoring of Mitochondrial Respiration in Cytokine-differentiated Human Primary T Cells. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	1
5	Mitochondrial-Linked De Novo Pyrimidine Biosynthesis Dictates Human T-Cell Proliferation but Not Expression of Effector Molecules. <i>Frontiers in Immunology</i> , 2021, 12, 718863.	2.2	7
6	Simvastatin improves mitochondrial respiration in peripheral blood cells. <i>Scientific Reports</i> , 2020, 10, 17012.	1.6	14
7	Spatial Transcriptomics Reveals Genes Associated with Dysregulated Mitochondrial Functions and Stress Signaling in Alzheimer Disease. <i>IScience</i> , 2020, 23, 101556.	1.9	61
8	Cytoplasmic Citrate Flux Modulates the Immune Stimulatory NKG2D Ligand MICA in Cancer Cells. <i>Frontiers in Immunology</i> , 2020, 11, 1968.	2.2	11
9	Mitochondrial Function in Gilles de la Tourette Syndrome Patients With and Without Intragenic IMMP2L Deletions. <i>Frontiers in Neurology</i> , 2020, 11, 163.	1.1	9
10	MERTK Acts as a Costimulatory Receptor on Human CD8+ T Cells. <i>Cancer Immunology Research</i> , 2019, 7, 1472-1484.	1.6	39
11	From Powerhouse to Perpetrator—Mitochondria in Health and Disease. <i>Biology</i> , 2019, 8, 35.	1.3	12
12	Mitochondrial oxidative phosphorylation capacity of cryopreserved cells. <i>Mitochondrion</i> , 2019, 47, 47-53.	1.6	6
13	The Role of Mitochondrial Dysfunction in the Progression of Alzheimer's Disease. <i>Current Medicinal Chemistry</i> , 2019, 25, 5578-5587.	1.2	48
14	Initial brain aging: heterogeneity of mitochondrial size is associated with decline in complex I-linked respiration in cortex and hippocampus. <i>Neurobiology of Aging</i> , 2018, 61, 215-224.	1.5	17
15	The inhibitors of soluble adenylate cyclase 2-OHE, KH7, and bithionol compromise mitochondrial ATP production by distinct mechanisms. <i>Biochemical Pharmacology</i> , 2018, 155, 92-101.	2.0	17
16	Rev1 contributes to proper mitochondrial function via the PARP-NAD ⁺ -SIRT1-PGC1 α axis. <i>Scientific Reports</i> , 2017, 7, 12480.	1.6	17
17	Bioenergetic Changes during Differentiation of Human Embryonic Stem Cells along the Hepatic Lineage. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-11.	1.9	18
18	Bacterial infection increases risk of carcinogenesis by targeting mitochondria. <i>Seminars in Cancer Biology</i> , 2017, 47, 95-100.	4.3	14

#	ARTICLE	IF	CITATIONS
19	Oxidative Stress-Induced Dysfunction of Müller Cells During Starvation. , 2016, 57, 2721.		34
20	A Novel Rrm3 Function in Restricting DNA Replication via an Orc5-Binding Domain Is Genetically Separable from Rrm3 Function as an ATPase/Helicase in Facilitating Fork Progression. PLoS Genetics, 2016, 12, e1006451.	1.5	17
21	Increased <i>Rrm2</i> gene dosage reduces fragile site breakage and prolongs survival of ATR mutant mice. Genes and Development, 2015, 29, 690-695.	2.7	51
22	Increased deoxythymidine triphosphate levels is a feature of relative cognitive decline. Mitochondrion, 2015, 25, 34-37.	1.6	8
23	Defective mitochondrial respiration, altered dNTP pools and reduced AP endonuclease 1 activity in peripheral blood mononuclear cells of Alzheimer's disease patients. Aging, 2015, 7, 793-810.	1.4	38
24	Impact of bacterial infections on aging and cancer: Impairment of DNA repair and mitochondrial function of host cells. Experimental Gerontology, 2014, 56, 164-174.	1.2	11
25	Introducing the hypothome: a way to integrate predicted proteins in interactomes. International Journal of Bioinformatics Research and Applications, 2014, 10, 647.	0.1	3
26	Is There a Link between Mitochondrial Reserve Respiratory Capacity and Aging?. Journal of Aging Research, 2012, 2012, 1-9.	0.4	190
27	The Importance of Mitochondrial DNA in Aging and Cancer. Journal of Aging Research, 2011, 2011, 1-9.	0.4	38
28	The Effect of Mitochondrial Dysfunction on Cytosolic Nucleotide Metabolism. Journal of Nucleic Acids, 2010, 2010, 1-9.	0.8	54
29	Mitochondria as determinant of nucleotide pools and chromosomal stability. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 625, 112-124.	0.4	75