

Daniela Calzia

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

725
citations

516710

16
h-index

526287

27
g-index

33
all docs

33
docs citations

33
times ranked

751
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for aerobic ATP synthesis in isolated myelin vesicles. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 1581-1591.	2.8	92
2	Evidence for aerobic metabolism in retinal rod outer segment disks. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 2555-2565.	2.8	70
3	Exosomes from human mesenchymal stem cells conduct aerobic metabolism in term and preterm newborn infants. <i>FASEB Journal</i> , 2016, 30, 1416-1424.	0.5	63
4	Characterization of Myelin Sheath FoF1-ATP Synthase and its Regulation by IF1. <i>Cell Biochemistry and Biophysics</i> , 2011, 59, 63-70.	1.8	46
5	Tricarboxylic acid cycle-sustained oxidative phosphorylation in isolated myelin vesicles. <i>Biochimie</i> , 2013, 95, 1991-1998.	2.6	43
6	The human urinary exosome as a potential metabolic effector cargo. <i>Expert Review of Proteomics</i> , 2015, 12, 425-432.	3.0	41
7	An update of the chemiosmotic theory as suggested by possible proton currents inside the coupling membrane. <i>Open Biology</i> , 2019, 9, 180221.	3.6	35
8	Live imaging of mammalian retina: rod outer segments are stained by conventional mitochondrial dyes. <i>Journal of Biomedical Optics</i> , 2008, 13, 054017.	2.6	30
9	Effect of polyphenolic phytochemicals on ectopic oxidative phosphorylation in rod outer segments of bovine retina. <i>British Journal of Pharmacology</i> , 2015, 172, 3890-3903.	5.4	30
10	Photobiomodulation Mediates Neuroprotection against Blue Light Induced Retinal Photoreceptor Degeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2370.	4.1	30
11	Hypothesis of Lipid-Phase-Continuity Proton Transfer for Aerobic ATP Synthesis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1838-1842.	4.3	28
12	New findings in ATP supply in rod outer segments: Insights for retinopathies. <i>Biology of the Cell</i> , 2013, 105, 345-358.	2.0	27
13	Metabolic Signature of Microvesicles from Umbilical Cord Mesenchymal Stem Cells of Preterm and Term Infants. <i>Proteomics - Clinical Applications</i> , 2018, 12, e1700082.	1.6	26
14	Functional expression of electron transport chain complexes in mouse rod outer segments. <i>Biochimie</i> , 2014, 102, 78-82.	2.6	21
15	Functional Expression of Electron Transport Chain and FoF1-ATP Synthase in Optic Nerve Myelin Sheath. <i>Neurochemical Research</i> , 2015, 40, 2230-2241.	3.3	18
16	Impairment of extramitochondrial oxidative phosphorylation in mouse rod outer segments by blue light irradiation. <i>Biochimie</i> , 2016, 125, 171-178.	2.6	16
17	Support of Nerve Conduction by Respiring Myelin Sheath: Role of Connexons. <i>Molecular Neurobiology</i> , 2016, 53, 2468-2479.	4.0	16
18	Modulation of the rod outer segment aerobic metabolism diminishes the production of radicals due to light absorption. <i>Free Radical Biology and Medicine</i> , 2018, 117, 110-118.	2.9	16

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19	Extramitochondrial energy production in platelets. <i>Biology of the Cell</i> , 2018, 110, 97-108.	2.0	16
20	Are Rod Outer Segment ATP-ase and ATP-Synthase Activity Expression of the Same Protein?. <i>Cellular and Molecular Neurobiology</i> , 2013, 33, 637-649.	3.3	15
21	Antibacterial and ATP Synthesis Modulating Compounds from <i>Salvia tingitana</i> . <i>Journal of Natural Products</i> , 2020, 83, 1027-1042.	3.0	14
22	Evaluation of the Acquisition of the Aerobic Metabolic Capacity by Myelin, during its Development. <i>Molecular Neurobiology</i> , 2016, 53, 7048-7056.	4.0	13
23	A Global MicroRNA Profile in Fanconi Anemia: A Pilot Study. <i>Metabolic Syndrome and Related Disorders</i> , 2019, 17, 53-59.	1.3	6
24	Efficient extra-mitochondrial aerobic ATP synthesis in neuronal membrane systems. <i>Journal of Neuroscience Research</i> , 2021, 99, 2250-2260.	2.9	4
25	Evidence of Oxidative Phosphorylation in Zebrafish Photoreceptor Outer Segments at Different Larval Stages. <i>Journal of Histochemistry and Cytochemistry</i> , 2018, 66, 497-509.	2.5	3
26	Tracking protons from respiratory chain complexes to ATP synthase c-subunit: The critical role of serine and threonine residues. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 922-927.	2.1	2
27	The novel diterpene 7 ^β -acetoxy-20-hydroxy-19,20-epoxyroyleanone from <i>Salvia corrugata</i> shows complex cytotoxic activities against human breast epithelial cells. <i>Life Sciences</i> , 2019, 232, 116610.	4.3	2
28	Exportability of the mitochondrial oxidative phosphorylation machinery into myelin sheath. <i>Theoretical Biology Forum</i> , 2011, 104, 67-74.	0.2	1
29	Evaluation of Potential Risks to Human Health and Ecosystems During Exposure to Discarded Laboratory Chemical Mixtures by <i>In Vitro</i> Multimodel Approach. <i>Applied in Vitro Toxicology</i> , 2020, 6, 131-143.	1.1	0