

HÃ©ctor Miranda-Astudillo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Beyond being an energy supplier, ATP synthase is a sculptor of mitochondrial cristae. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2022, 1863, 148569.	0.5	4
2	Supramolecular associations between atypical oxidative phosphorylation complexes of <i>Euglena gracilis</i> . <i>Journal of Bioenergetics and Biomembranes</i> , 2021, 53, 351-363.	1.0	2
3	Regulation of bacterial ATP synthase activity: A gear-shifting or a pawl-ratchet mechanism?. <i>FEBS Journal</i> , 2021, 288, 3159-3163.	2.2	7
4	Native aggregation is a common feature among triosephosphate isomerases of different species. <i>Scientific Reports</i> , 2020, 10, 1338.	1.6	8
5	Subunit Asa3 ensures the attachment of the peripheral stalk to the membrane sector of the dimeric ATP synthase of <i>Polytomella</i> sp.. <i>Biochemical and Biophysical Research Communications</i> , 2019, 509, 341-347.	1.0	3
6	Oxidative phosphorylation supercomplexes and respirasome reconstitution of the colorless alga <i>Polytomella</i> sp.. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 434-444.	0.5	13
7	The Peripheral Stalk of Rotary ATPases. <i>Frontiers in Physiology</i> , 2018, 9, 1243.	1.3	24
8	The atypical subunit composition of respiratory complexes I and IV is associated with original extra structural domains in <i>Euglena gracilis</i> . <i>Scientific Reports</i> , 2018, 8, 9698.	1.6	12
9	Atypical composition and structure of the mitochondrial dimeric ATP synthase from <i>Euglena gracilis</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2017, 1858, 267-275.	0.5	21
10	Near-Neighbor Relationships of the Atypical Subunits that Form the Peripheral Stalk of the Mitochondrial ATP Synthase in Chlorophycean Algae. <i>Biophysical Journal</i> , 2017, 112, 2a-3a.	0.2	0
11	<i>In vivo</i> chlorophyll fluorescence screening allows the isolation of a <i>Chlamydomonas</i> mutant defective for <i>NDUFAB3</i> , an assembly factor involved in mitochondrial complex I assembly. <i>Plant Journal</i> , 2017, 92, 584-595.	2.8	11
12	Cox2A/Cox2B subunit interaction in <i>Polytomella</i> sp. cytochrome c oxidase: role of the Cox2B subunit extension. <i>Journal of Bioenergetics and Biomembranes</i> , 2017, 49, 453-461.	1.0	2
13	Subunit Asa1 spans all the peripheral stalk of the mitochondrial ATP synthase of the chlorophycean alga <i>Polytomella</i> sp.. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 359-369.	0.5	10
14	Dissecting the peripheral stalk of the mitochondrial ATP synthase of chlorophycean algae. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 1183-1190.	0.5	18
15	Overexpression of a monomeric form of the bovine odorant-binding protein protects <i>Escherichia coli</i> from chemical-induced oxidative stress. <i>Free Radical Research</i> , 2014, 48, 814-822.	1.5	9
16	Interactions of subunits Asa2, Asa4 and Asa7 in the peripheral stalk of the mitochondrial ATP synthase of the chlorophycean alga <i>Polytomella</i> sp.. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014, 1837, 1-13.	0.5	14
17	Subunit-subunit interactions and overall topology of the dimeric mitochondrial ATP synthase of <i>Polytomella</i> sp.. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 1439-1448.	0.5	26