

# Ana P Batista

## List of Publications by Year in descending order

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21  
papers

425  
citations

687363

13  
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752698

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26  
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26  
docs citations

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times ranked

544  
citing authors

#	ARTICLE	IF	CITATIONS
1	A missing link between complex I and group 4 membrane-bound [NiFe] hydrogenases. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2013, 1827, 198-209.	1.0	108
2	Type II NADH:quinone oxidoreductase family: phylogenetic distribution, structural diversity and evolutionary divergences. <i>Environmental Microbiology</i> , 2016, 18, 4697-4709.	3.8	42
3	Type II NADH:quinone oxidoreductase from <i>Staphylococcus aureus</i> has two distinct binding sites and is rate limited by quinone reduction. <i>Molecular Microbiology</i> , 2015, 98, 272-288.	2.5	39
4	Energy conservation by <i>Rhodothermus marinus</i> respiratory complex I. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 509-515.	1.0	24
5	Decoupling of the Catalytic and Transport Activities of Complex I from <i>Rhodothermus marinus</i> by Sodium/Proton Antiporter Inhibitor. <i>ACS Chemical Biology</i> , 2011, 6, 477-483.	3.4	22
6	Reconstitution of Respiratory Complex I on a Biomimetic Membrane Supported on Gold Electrodes. <i>Langmuir</i> , 2014, 30, 9007-9015.	3.5	22
7	Structural and Functional insights into the catalytic mechanism of the Type II NADH:quinone oxidoreductase family. <i>Scientific Reports</i> , 2017, 7, 42303.	3.3	22
8	Respiratory complex I: A dual relation with H <sup>+</sup> and Na <sup>+</sup> ?. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016, 1857, 928-937.	1.0	20
9	Sodium influence on energy transduction by complexes I from <i>Escherichia coli</i> and <i>Paracoccus denitrificans</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011, 1807, 286-292.	1.0	19
10	The key role of glutamate 172 in the mechanism of type II NADH:quinone oxidoreductase of <i>Staphylococcus aureus</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2017, 1858, 823-832.	1.0	17
11	The antiporter-like subunit constituent of the universal adaptor of complex I, group 4 membrane-bound [NiFe]-hydrogenases and related complexes. <i>Biological Chemistry</i> , 2013, 394, 659-666.	2.5	16
12	The role of proton and sodium ions in energy transduction by respiratory complex I. <i>IUBMB Life</i> , 2012, 64, 492-498.	3.4	13
13	Substrate-Protein Interactions of Type II NADH:Quinone Oxidoreductase from <i>Escherichia coli</i> . <i>Biochemistry</i> , 2016, 55, 2722-2734.	2.5	13
14	Catalytic Activity and Proton Translocation of Reconstituted Respiratory Complex I Monitored by Surface-Enhanced Infrared Absorption Spectroscopy. <i>Langmuir</i> , 2018, 34, 5703-5711.	3.5	13
15	Study of ion translocation by respiratory complex I. A new insight using <sup>23</sup> Na NMR spectroscopy. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, 1810-1816.	1.0	10
16	The dihydrolipoamide dehydrogenase from the crenarchaeon <i>Acidianus ambivalens</i> . <i>FEMS Microbiology Letters</i> , 2008, 281, 147-154.	1.8	8
17	Respiratory complex I from <i>Escherichia coli</i> does not transport Na <sup>+</sup> in the absence of its NuoL subunit. <i>FEBS Letters</i> , 2014, 588, 4520-4525.	2.8	8
18	Subunit composition of <i>Rhodothermus marinus</i> respiratory complex I. <i>Analytical Biochemistry</i> , 2010, 407, 104-110.	2.4	5

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19	Expression, purification, crystallization and preliminary X-ray diffraction analysis of a type II NADH:quinone oxidoreductase from the human pathogen <i>Staphylococcus aureus</i> . Acta Crystallographica Section F, Structural Biology Communications, 2015, 71, 477-482.	0.8	3
20	The universal adaptor and a missing link between complex I and type 4 membrane-bound [NiFe]-hydrogenases. Biochimica Et Biophysica Acta - Bioenergetics, 2012, 1817, S58.	1.0	1
21	Energy Transduction by Bacterial Complexes I. Biophysical Journal, 2012, 102, 573a-574a.	0.5	0