

Álf Einarsson

List of Publications by Year in descending order

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papers

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687363

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#	ARTICLE	IF	CITATIONS
1	The Reactions of O ₂ and NO with Mixed-Valence ba ₃ Cytochrome c Oxidase from <i>Thermus thermophilus</i> . <i>Biophysical Journal</i> , 2020, 118, 386-395.	0.5	5
2	Role of the Conserved Valine 236 in Access of Ligands to the Active Site of <i>Thermus thermophilus</i> ba ₃ Cytochrome Oxidase. <i>Biochemistry</i> , 2017, 56, 107-119.	2.5	3
3	The <i>CO</i> Photodissociation and Recombination Dynamics of the W172Y/F282T Ligand Channel Mutant of <i>Rhodobacter sphaeroides</i> aa ₃ Cytochrome <i>c</i> Oxidase. <i>Photochemistry and Photobiology</i> , 2016, 92, 410-419.	2.5	3
4	The pathway of O ₂ to the active site in heme-copper oxidases. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2015, 1847, 109-118.	1.0	12
5	Conserved Glycine 232 in the Ligand Channel of <i>ba₃</i> Cytochrome Oxidase from <i>Thermus thermophilus</i> . <i>Biochemistry</i> , 2014, 53, 4467-4475.	2.5	6
6	Ligand Access to the Active Site in <i>Thermus thermophilus</i> <i>ba₃</i> and Bovine Heart <i>aa₃</i> Cytochrome Oxidases. <i>Biochemistry</i> , 2013, 52, 640-652.	2.5	17
7	Biophysical Characterization of β -Synuclein and Rotenone Interaction. <i>Biomolecules</i> , 2013, 3, 703-732.	4.0	28
8	Kinetic studies of the reactions of O ₂ and NO with reduced <i>Thermus thermophilus</i> ba ₃ and bovine aa ₃ using photolabile carriers. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, 672-679.	1.0	20
9	CO impedes superfast O ₂ binding in <i>ba₃</i> cytochrome oxidase from <i>Thermus thermophilus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21010-21015.	7.1	36
10	Anthony L. Fink (1943-2008): Scientist, Teacher and Artist. <i>Current Protein and Peptide Science</i> , 2009, 10, 395-396.	1.4	0
11	Flash-Photolysis of Fully Reduced and Mixed-Valence CO-Bound <i>Rhodobacter sphaeroides</i> <i>c</i> Cytochrome Oxidase: Heme Spectral Shifts. <i>Biochemistry</i> , 2007, 46, 12568-12578.	2.5	11
12	Time-resolved optical absorption studies of cytochrome oxidase dynamics. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2004, 1655, 263-273.	1.0	40
13	pH Dependence of the Reduction of Dioxygen to Water by CytochromecOxidase. 2. Branched Electron Transfer Pathways Linked by Proton Transfer. <i>Biochemistry</i> , 2003, 42, 5074-5090.	2.5	23
14	Proton-Collecting Properties of Bovine Heart Cytochrome c Oxidase: Kinetic and Electrostatic Analysis. <i>Biochemistry</i> , 2001, 40, 15086-15097.	2.5	29
15	A New Approach for Studying Fast Biological Reactions Involving Dioxygen: The Reaction of Fully Reduced Cytochrome c Oxidase with O ₂ . <i>Biochemistry</i> , 2000, 39, 14576-14582.	2.5	15
16	Time-Resolved Studies of the Excited-State Dynamics of meso-Tetra(hydroxylphenyl)chlorin in Solution. <i>Photochemistry and Photobiology</i> , 1999, 69, 617-623.	2.5	16
17	Intermediates in the Reaction of Fully Reduced CytochromecOxidase with Dioxygen. <i>Biochemistry</i> , 1998, 37, 17905-17914.	2.5	90
18	Mechanism of Cytochrome c Oxidase-Catalyzed Reduction of Dioxygen to Water: Evidence for Peroxy and Ferryl Intermediates at Room Temperature. <i>Biochemistry</i> , 1997, 36, 554-565.	2.5	90

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19	Light-Induced Spectral Changes in Fully Oxidized Cytochrome c Oxidase in the Presence of Oxygen. <i>Biochemistry</i> , 1997, 36, 6336-6342.	2.5	13
20	Time-Resolved Optical Absorption Studies of Intramolecular Electron Transfer in Cytochrome c Oxidase. <i>Biochemistry</i> , 1994, 33, 9245-9256.	2.5	46
21	Magnetic circular dichroism study of cytochrome ba ₃ from <i>Thermus thermophilus</i> : spectral contributions from cytochromes b and a ₃ and nanosecond spectroscopy of carbon monoxide photodissociation intermediates. <i>Biochemistry</i> , 1992, 31, 9376-9387.	2.5	41