Ã“lÃ¶f EinarsdÃ³ttir

List of Publications by Year
in descending order

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21	544	687363 13	752698 20
papers	citations	h-index	g-index

21	21	21	345
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechanism of Cytochrome c Oxidase-Catalyzed Reduction of Dioxygen to Water:â€‰ Evidence for Peroxy and Ferryl Intermediates at Room Temperature. Biochemistry, 1997, 36, 554-565.	2.5	90
2	Intermediates in the Reaction of Fully Reduced CytochromecOxidase with Dioxygenâ€. Biochemistry, 1998, 37, 17905-17914.	2.5	90
3	Time-Resolved Optical Absorption Studies of Intramolecular Electron Transfer in Cytochrome c Oxidase. Biochemistry, 1994, 33, 9245-9256.	2.5	46
4	Magnetic circular dichroism study of cytochrome ba3 from Thermus thermophilus: spectral contributions from cytochromes b and a3 and nanosecond spectroscopy of carbon monoxide photodissociation intermediates. Biochemistry, 1992, 31, 9376-9387.	2.5	41
5	Time-resolved optical absorption studies of cytochrome oxidase dynamics. Biochimica Et Biophysica Acta - Bioenergetics, 2004, 1655, 263-273.	1.0	40
6	CO impedes superfast O ₂ binding in ba ₃ cytochrome oxidase from Thermus thermophilus. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21010-21015.	7.1	36
7	Proton-Collecting Properties of Bovine Heart Cytochrome c Oxidase:â€‰ Kinetic and Electrostatic Analysis. Biochemistry, 2001, 40, 15086-15097.	2.5	29
8	Biophysical Characterization of Î±-Synuclein and Rotenone Interaction. Biomolecules, 2013, 3, 703-732.	4.0	28
9	pH Dependence of the Reduction of Dioxygen to Water by CytochromecOxidase. 2. Branched Electron Transfer Pathways Linked by Proton Transferâ€. Biochemistry, 2003, 42, 5074-5090.	2.5	23
10	Kinetic studies of the reactions of O2 and NO with reduced Thermus thermophilus ba3 and bovine aa3 using photolabile carriers. Biochimica Et Biophysica Acta - Bioenergetics, 2012, 1817, 672-679.	1.0	20
11	Ligand Access to the Active Site in Thermus thermophilus ba ₃ and Bovine Heart aa ₃ Cytochrome Oxidases. Biochemistry, 2013, 52, 640-652.	2.5	17
12	Time-Resolved Studies of the Excited-State Dynamics of meso-Tetra(hydroxylphenyl)chlorin in Solution. Photochemistry and Photobiology, 1999, 69, 617-623.	2.5	16
13	A New Approach for Studying Fast Biological Reactions Involving Dioxygen:â€‰ The Reaction of Fully Reduced Cytochrome c Oxidase with O2. Biochemistry, 2000, 39, 14576-14582.	2.5	15
14	Light-Induced Spectral Changes in Fully Oxidized CytochromecOxidase in the Presence of Oxygenâ€. Biochemistry, 1997, 36, 6336-6342.	2.5	13
15	The pathway of O 2 to the active site in hemeâ€“copper oxidases. Biochimica Et Biophysica Acta - Bioenergetics, 2015, 1847, 109-118.	1.0	12
16	Flash-Photolysis of Fully Reduced and Mixed-Valence CO-Bound Rhodobacter sphaeroides Cytochrome c Oxidase:â€‰ Heme Spectral Shifts. Biochemistry, 2007, 46, 12568-12578.	2.5	11
17	Conserved Glycine 232 in the Ligand Channel of ba ₃ Cytochrome Oxidase from Thermus thermophilus. Biochemistry, 2014, 53, 4467-4475.	2.5	6
18	The Reactions of O2 and NO with Mixed-Valence ba3 Cytochrome c Oxidase from Thermus thermophilus. Biophysical Journal, 2020, 118, 386-395.	0.5	5

#	Article	IF	Citations
19	The <scp>CO</scp> Photodissociation and Recombination Dynamics of the W172Y/F282T Ligand Channel Mutant of Rhodobacter sphaeroides aa₃ Cytochrome c Oxidase. Photochemistry and Photobiology, 2016, 92, 410-419.	2.5	3
20	Role of the Conserved Valine 236 in Access of Ligands to the Active Site of Thermus thermophilus ba₃ Cytochrome Oxidase. Biochemistry, 2017, 56, 107-119.	2.5	3
21	Anthony L. Fink (1943-2008): Scientist, Teacher and Artist. Current Protein and Peptide Science, 2009, 10, 395-396.	1.4	0