

# Edward A Berry

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1882579/publications.pdf>

Version: 2024-02-01

35  
papers

4,641  
citations

218381

26  
h-index

344852

36  
g-index

36  
all docs

36  
docs citations

36  
times ranked

4174  
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystallographic investigation of the ubiquinone binding site of respiratory Complex II and its inhibitors. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2021, 1869, 140679.	1.1	8
2	Nitric Oxide Does Not Inhibit but Is Metabolized by the Cytochrome bcc-aa3 Supercomplex. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8521.	1.8	9
3	The assembly of succinate dehydrogenase: a key enzyme in bioenergetics. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 4023-4042.	2.4	84
4	Crystal Structure of Hypothetical Fructose-Specific EIIB from <i>Escherichia coli</i> . <i>Molecules and Cells</i> , 2016, 39, 495-500.	1.0	2
5	Crystal structure of yeast V <sub>1</sub> -ATPase in the autoinhibited state. <i>EMBO Journal</i> , 2016, 35, 1694-1706.	3.5	43
6	In-vitro, SDH5-dependent flavinylation of immobilized human respiratory complex II flavoprotein. <i>Archives of Biochemistry and Biophysics</i> , 2016, 604, 47-56.	1.4	9
7	Rieske Iron-Sulfur Protein Movement and Conformational Changes in Cytochrome bc <sub>1</sub> Complexes. <i>Advances in Photosynthesis and Respiration</i> , 2016, , 237-251.	1.0	1
8	Rational Design of Highly Potent and Slow-Binding Cytochrome bc <sub>1</sub> Inhibitor as Fungicide by Computational Substitution Optimization. <i>Scientific Reports</i> , 2015, 5, .	1.6	16
9	Isolation and Characterization of a Hybrid Respiratory Supercomplex Consisting of <i>Mycobacterium tuberculosis</i> Cytochrome bcc and <i>Mycobacterium smegmatis</i> Cytochrome aa3. <i>Journal of Biological Chemistry</i> , 2015, 290, 14350-14360.	1.6	36
10	Structure of <i>Vibrio cholerae</i> ribosome hibernation promoting factor. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2013, 69, 228-236.	0.7	20
11	Unanswered questions about the structure of cytochrome bc <sub>1</sub> complexes. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2013, 1827, 1258-1277.	0.5	42
12	Engineering Domain-Swapped Binding Interfaces by Mutually Exclusive Folding. <i>Journal of Molecular Biology</i> , 2012, 416, 495-502.	2.0	22
13	Crystal Structure of the Yeast Vacuolar ATPase Heterotrimeric EGHead Peripheral Stalk Complex. <i>Structure</i> , 2012, 20, 1881-1892.	1.6	63
14	Computational Discovery of Picomolar Q <sub>o</sub> Site Inhibitors of Cytochrome bc <sub>1</sub> Complex. <i>Journal of the American Chemical Society</i> , 2012, 134, 11168-11176.	6.6	147
15	Conformationally linked interaction in the cytochrome bc <sub>1</sub> complex between inhibitors of the Q <sub>o</sub> site and the Rieske iron-sulfur protein. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011, 1807, 1349-1363.	0.5	55
16	Ascochlorin is a novel, specific inhibitor of the mitochondrial cytochrome bc <sub>1</sub> complex. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 360-370.	0.5	79
17	Bis-histidine-coordinated hemes in four-helix bundles: how the geometry of the bundle controls the axial imidazole plane orientations in transmembrane cytochromes of mitochondrial Complexes II and III and related proteins. <i>Journal of Biological Inorganic Chemistry</i> , 2008, 13, 481-498.	1.1	36
18	The role of molecular modeling in the design of analogues of the fungicidal natural products crocacin A and D. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 10345-10355.	1.4	39

#	ARTICLE	IF	CITATIONS
19	X-Ray Absorption Studies of Zn <sup>2+</sup> Binding Sites in Bacterial, Avian, and Bovine Cytochrome bc <sub>1</sub> Complexes. <i>Biophysical Journal</i> , 2007, 93, 2934-2951.	0.2	29
20	Crystallographic studies of the binding of ligands to the dicarboxylate site of Complex II, and the identity of the ligand in the oxaloacetate-inhibited state. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2006, 1757, 1073-1083.	0.5	58
21	3-Nitropropionic Acid Is a Suicide Inhibitor of Mitochondrial Respiration That, upon Oxidation by Complex II, Forms a Covalent Adduct with a Catalytic Base Arginine in the Active Site of the Enzyme. <i>Journal of Biological Chemistry</i> , 2006, 281, 5965-5972.	1.6	258
22	Crystallization of mitochondrial respiratory complex II from chicken heart: a membrane-protein complex diffracting to 2.0 Å. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2005, 61, 380-387.	2.5	18
23	Binding of the Respiratory Chain Inhibitor Antimycin to the Mitochondrial bc <sub>1</sub> Complex: A New Crystal Structure Reveals an Altered Intramolecular Hydrogen-bonding Pattern. <i>Journal of Molecular Biology</i> , 2005, 351, 573-597.	2.0	258
24	X-Ray Structure of <i>Rhodobacter Capsulatus</i> Cytochrome bc <sub>1</sub> : Comparison with its Mitochondrial and Chloroplast Counterparts. <i>Photosynthesis Research</i> , 2004, 81, 251-275.	1.6	191
25	Observations concerning the quinol oxidation site of the cytochrome bc <sub>1</sub> complex. <i>FEBS Letters</i> , 2003, 555, 13-20.	1.3	62
26	Characterization of cytochrome b from <i>Toxoplasma gondii</i> and Qo domain mutations as a mechanism of atovaquone-resistance. <i>Molecular and Biochemical Parasitology</i> , 2000, 108, 1-12.	0.5	144
27	Structure and Function of Cytochrome bc <sub>1</sub> Complexes. <i>Annual Review of Biochemistry</i> , 2000, 69, 1005-1075.	5.0	471
28	Crystallographic location of two Zn <sup>2+</sup> -binding sites in the avian cytochrome bc <sub>1</sub> complex. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2000, 1459, 440-448.	0.5	58
29	Translation of the Edited mRNA for Cytochrome b in Trypanosome Mitochondria. <i>Science</i> , 2000, 287, 1639-1640.	6.0	86
30	Structure of the avian mitochondrial cytochrome bc <sub>1</sub> complex. <i>Journal of Bioenergetics and Biomembranes</i> , 1999, 31, 177-190.	1.0	43
31	Physicochemical Aspects of the Movement of the Rieske Iron Sulfur Protein during Quinol Oxidation by the bc <sub>1</sub> Complex from Mitochondria and Photosynthetic Bacteria. <i>Biochemistry</i> , 1999, 38, 15827-15839.	1.2	62
32	Steered Molecular Dynamics Simulation of the Rieske Subunit Motion in the Cytochrome bc <sub>1</sub> Complex. <i>Biophysical Journal</i> , 1999, 77, 1753-1768.	0.2	154
33	Mechanism of Ubiquinol Oxidation by the bc <sub>1</sub> Complex: A Role of the Iron Sulfur Protein and Its Mobility. <i>Biochemistry</i> , 1999, 38, 15791-15806.	1.2	114
34	Electron transfer by domain movement in cytochrome bc <sub>1</sub> . <i>Nature</i> , 1998, 392, 677-684.	13.7	1,083
35	Simultaneous determination of hemes a, b, and c from pyridine hemochrome spectra. <i>Analytical Biochemistry</i> , 1987, 161, 1-15.	1.1	838