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Three-dimensional structure of NADH-dehydrogenase from *Neurospora crassa* by electron microscopy and conical tilt reconstruction

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#	Paper	IF	Citations
144	A 12-cistron Escherichia coli operon (hyf) encoding a putative proton-translocating formate hydrogenlyase system. <b>1997</b> , 143 ( Pt 11), 3633-3647		223
143	Mitochondrial fatty acid synthesis: a relic of endosymbiotic origin and a specialized means for respiration. <i>FEBS Letters</i> , <b>1997</b> , 407, 249-52	3.8	50
142	The Nuol subunit of the Rhodobacter capsulatus respiratory Complex I (equivalent to the bovine TYKY subunit) is required for proper assembly of the membraneous and peripheral domains of the enzyme. <b>1997</b> , 250, 451-8		31
141	Search for novel redox groups in mitochondrial NADH:ubiquinone oxidoreductase (complex I) by diode array UV/VIS spectroscopy. <b>1998</b> , 8, 177-86		17
140	ATP-Synthese durch Rotations-Katalyse (Nobel-Vortrag). <b>1998</b> , 110, 2438-2450		45
139	Molecular characterization and mutational analysis of the human B17 subunit of the mitochondrial respiratory chain complex I. <b>1998</b> , 103, 245-50		16
138	Complex I from the fungus Neurospora crassa. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>1998</b> , 1364, 89-100	4.6	82
137	The NADH:ubiquinone oxidoreductase (complex I) from Escherichia coli. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>1998</b> , 1364, 134-46	4.6	158
136	Redox components and structure of the respiratory NADH:ubiquinone oxidoreductase (complex I). <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>1998</b> , 1365, 215-9	4.6	35
135	The 49-kDa subunit of NADH-ubiquinone oxidoreductase (Complex I) is involved in the binding of piericidin and rotenone, two quinone-related inhibitors. <i>FEBS Letters</i> , <b>1998</b> , 431, 34-8	3.8	99
134	Demonstration of a new pathogenic mutation in human complex I deficiency: a 5-bp duplication in the nuclear gene encoding the 18-kD (AQDQ) subunit. <b>1998</b> , 62, 262-8		234
133	cDNA sequence and chromosomal localization of the remaining three human nuclear encoded iron sulphur protein (IP) subunits of complex I: the human IP fraction is completed. <b>1998</b> , 247, 751-8		16
132	Consistent structure between bacterial and mitochondrial NADH:ubiquinone oxidoreductase (complex I). <i>Journal of Molecular Biology</i> , <b>1998</b> , 276, 105-12	6.5	215
131	Three-dimensional structure of bovine NADH:ubiquinone oxidoreductase (complex I) at 22 Å in ice. <i>Journal of Molecular Biology</i> , <b>1998</b> , 277, 1033-46	6.5	311
130	Involvement of two novel chaperones in the assembly of mitochondrial NADH:Ubiquinone oxidoreductase (complex I). <i>Journal of Molecular Biology</i> , <b>1998</b> , 283, 409-17	6.5	90
129	Nuclear genes of human complex I of the mitochondrial electron transport chain: state of the art. <b>1998</b> , 7, 1573-9		54
128	Three classes of inhibitors share a common binding domain in mitochondrial complex I (NADH:ubiquinone oxidoreductase). <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 2625-30	5.4	263

127	The mitochondrial respiratory chain and ATP synthase complexes: Composition, structure and mutational studies. <b>1999</b> , 37, 629-643		28
126	A partially assembled complex I in NAD4-deficient mitochondria of maize. <b>1999</b> , 17, 511-521		65
125	In the <i>Nicotiana sylvestris</i> CMSII mutant, a recombination-mediated change 5' to the first exon of the mitochondrial nad1 gene is associated with lack of the NADH:ubiquinone oxidoreductase (complex I) NAD1 subunit. <b>1999</b> , 261, 361-70		31
124	A reductase/isomerase subunit of mitochondrial NADH:ubiquinone oxidoreductase (complex I) carries an NADPH and is involved in the biogenesis of the complex. <i>Journal of Molecular Biology</i> , <b>1999</b> , 292, 569-80	6.5	52
123	Effects of disrupting the 21kDa subunit of complex I from <i>Neurospora crassa</i> . <i>Biochemical Journal</i> , <b>1999</b> , 342, 551-554	3.8	20
122	Analyzing your complexes: structure of the quinol-fumarate reductase respiratory complex. <i>Current Opinion in Structural Biology</i> , <b>2000</b> , 10, 448-55	8.1	29
121	Function of conserved acidic residues in the PSST homologue of complex I (NADH:ubiquinone oxidoreductase) from <i>Yarrowia lipolytica</i> . <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 23577-82	5.4	65
120	Complex I impairment, respiratory compensations, and photosynthetic decrease in nuclear and mitochondrial male sterile mutants of <i>Nicotiana sylvestris</i> . <i>Plant Physiology</i> , <b>2000</b> , 124, 1239-50	6.6	188
119	Cryo-electron crystallography of two sub-complexes of bovine complex I reveals the relationship between the membrane and peripheral arms. <i>Journal of Molecular Biology</i> , <b>2000</b> , 302, 455-64	6.5	66
118	Biophysical and structural characterization of proton-translocating NADH-dehydrogenase (complex I) from the strictly aerobic yeast <i>Yarrowia lipolytica</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2000</b> , 1459, 230-8	4.6	81
117	Characterization of the complex I-associated ubisemiquinone species: toward the understanding of their functional roles in the electron/proton transfer reaction. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2000</b> , 1459, 299-304	4.6	38
116	Characterization of two novel redox groups in the respiratory NADH:ubiquinone oxidoreductase (complex I). <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2000</b> , 1459, 305-9	4.6	39
115	Resolution of the membrane domain of bovine complex I into subcomplexes: implications for the structural organization of the enzyme. <b>2000</b> , 39, 7229-35		163
114	Fungal respiration: a fusion of standard and alternative components. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2001</b> , 1504, 179-95	4.6	236
113	Structures and proton-pumping strategies of mitochondrial respiratory enzymes. <b>2001</b> , 30, 23-65		188
112	The oxidative phosphorylation (OXPHOS) system: nuclear genes and human genetic diseases. <b>2001</b> , 23, 518-25		67
111	Mutations in the complex I NDUFS2 gene of patients with cardiomyopathy and encephalomyopathy. <b>2001</b> , 49, 195-201		158
110	Molecular genetics of the mammalian NADH-ubiquinone oxidoreductase. <i>Journal of Bioenergetics and Biomembranes</i> , <b>2001</b> , 33, 243-50	3.7	12

109	Molecular Machines: putting the pieces together. <b>2001</b> , 152, F1-10		49
108	A novel, enzymatically active conformation of the Escherichia coli NADH:ubiquinone oxidoreductase (complex I). <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 17970-7	5.4	84
107	Disruption of iron-sulphur cluster N2 from NADH: ubiquinone oxidoreductase by site-directed mutagenesis. <i>Biochemical Journal</i> , <b>2002</b> , 364, 833-9	3.8	41
106	Oxidative phosphorylation: structure, function, and intermediary metabolism. <b>2002</b> , 53, 25-56		7
105	The energy-transducing NADH: quinone oxidoreductase, complex I. <b>2002</b> , 23, 345-68		33
104	The proton-pumping NADH:ubiquinone oxidoreductase (complex I) of Aquifex aeolicus. <i>FEBS Letters</i> , <b>2002</b> , 512, 80-4	3.8	13
103	The thankless task of playing genetics with mammalian mitochondrial DNA: a 30-year review. <i>Mitochondrion</i> , <b>2002</b> , 2, 3-25	4.9	5
102	The gene encoding the PSST subunit of respiratory chain complex I is present in more than one copy in yellow lupine. <b>2002</b> , 1577, 144-8		
101	The NADH: ubiquinone oxidoreductase (complex I) of the mammalian respiratory chain and the cAMP cascade. <i>Journal of Bioenergetics and Biomembranes</i> , <b>2002</b> , 34, 1-10	3.7	53
100	Amphipols: polymeric surfactants for membrane biology research. <b>2003</b> , 60, 1559-74		166
99	Separation methods in the analysis of protein membrane complexes. <b>2003</b> , 797, 191-216		70
98	Oxidative phosphorylation, mitochondrial proton cycling, free-radical production and aging. <b>2003</b> , 14, 35-68		9
97	Characterization and topology of the membrane domain Nqo10 subunit of the proton-translocating NADH-quinone oxidoreductase of Paracoccus denitrificans. <b>2003</b> , 42, 4534-43		26
96	The location of NuoL and NuoM subunits in the membrane domain of the Escherichia coli complex I: implications for the mechanism of proton pumping. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 43114-20	5.4	56
95	Proton pumping by NADH:ubiquinone oxidoreductase. A redox driven conformational change mechanism?. <i>FEBS Letters</i> , <b>2003</b> , 545, 9-17	3.8	120
94	The proton-translocating NADH-quinone oxidoreductase in the respiratory chain: the secret unlocked. <b>2003</b> , 42, 2266-74		259
93	Characterization of cluster N5 as a fast-relaxing [4Fe-4S] cluster in the Nqo3 subunit of the proton-translocating NADH-ubiquinone oxidoreductase from Paracoccus denitrificans. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 15514-22	5.4	36
92	Identification and characterization of a common set of complex I assembly intermediates in mitochondria from patients with complex I deficiency. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 43081-8	5.4	147

91	Cloning, expression, characterization, and interaction of two components of a human mitochondrial fatty acid synthase. Malonyltransferase and acyl carrier protein. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 40067-74	5.4	68
90	Functional implications from an unexpected position of the 49-kDa subunit of NADH:ubiquinone oxidoreductase. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 29072-8	5.4	74
89	A role for native lipids in the stabilization and two-dimensional crystallization of the Escherichia coli NADH-ubiquinone oxidoreductase (complex I). <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 19483-91	5.4	73
88	Development and characterization of a conditional mitochondrial complex I assembly system. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 12406-13	5.4	59
87	Function and dysfunction of the oxidative phosphorylation system. <b>2004</b> , 149-176		11
86	The role of the ESSS protein in the assembly of a functional and stable mammalian mitochondrial complex I (NADH-ubiquinone oxidoreductase). <b>2004</b> , 271, 3265-73		28
85	Neurotoxicant-induced animal models of Parkinson's disease: understanding the role of rotenone, maneb and paraquat in neurodegeneration. <b>2004</b> , 318, 225-41		218
84	Subunit proximity in the H <sup>+</sup> -translocating NADH-quinone oxidoreductase probed by zero-length cross-linking. <b>2004</b> , 43, 3750-5		35
83	Higher plant-like subunit composition of mitochondrial complex I from Chlamydomonas reinhardtii: 31 conserved components among eukaryotes. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2004</b> , 1658, 212-24	4.6	98
82	The gross structure of the respiratory complex I: a Lego System. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2004</b> , 1608, 1-9	4.6	114
81	In situ evidence of an alternative oxidase and an uncoupling protein in the respiratory chain of Aspergillus fumigatus. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2004</b> , 36, 162-72	5.6	36
80	Complex I assembly: a puzzling problem. <b>2004</b> , 17, 179-86		35
79	Structural Analysis and Subunit Localization of Complex I from Yarrowia lipolytica.. <b>2004</b> , 10, 228-229		
78	Isolation, subunit composition and interaction of the NDH-1 complexes from Thermosynechococcus elongatus BP-1. <i>Biochemical Journal</i> , <b>2005</b> , 390, 513-20	3.8	76
77	Restoration of mitochondrial function in cells with complex I deficiency. <b>2005</b> , 1042, 25-35		9
76	Organization of iron-sulfur clusters in respiratory complex I. <b>2005</b> , 309, 771-4		162
75	Characterization of the delta muH <sup>+</sup> -sensitive ubisemiquinone species (SQ(Nf)) and the interaction with cluster N2: new insight into the energy-coupled electron transfer in complex I. <b>2005</b> , 44, 1744-54		90
74	Structural characterization of NDH-1 complexes of Thermosynechococcus elongatus by single particle electron microscopy. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2006</b> , 1757, 1469-75	4.6	52

73	Electron paramagnetic resonance studies of the iron-sulfur centers from complex I of <i>Rhodothermus marinus</i> . <b>2006</b> , 45, 1002-8		17
72	The three-dimensional structure of complex I from <i>Yarrowia lipolytica</i> : a highly dynamic enzyme. <i>Journal of Structural Biology</i> , <b>2006</b> , 154, 269-79	3.4	111
71	Respiratory chain supercomplexes in the plant mitochondrial membrane. <b>2006</b> , 11, 232-40		107
70	Three-dimensional Structure of Eukaryotic Complex I. <b>2006</b> , 12, 380-381		1
69	Nuclear suppression of mitochondrial defects in cells without the ND6 subunit. <b>2006</b> , 26, 1077-86		28
68	Direct localization of the 51 and 24 kDa subunits of mitochondrial complex I by three-dimensional difference imaging. <i>Journal of Structural Biology</i> , <b>2007</b> , 159, 433-42	3.4	30
67	Projection structure of the membrane domain of <i>Escherichia coli</i> respiratory complex I at 8 Å resolution. <i>Journal of Molecular Biology</i> , <b>2007</b> , 366, 140-54	6.5	75
66	EXAFS reveals a structural zinc binding site in the bovine NADH-Q oxidoreductase. <i>FEBS Letters</i> , <b>2007</b> , 581, 5645-8	3.8	6
65	Human mitochondrial complex I assembly: a dynamic and versatile process. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2007</b> , 1767, 1215-27	4.6	117
64	Respiratory complex I: mechanistic and structural insights provided by the crystal structure of the hydrophilic domain. <b>2007</b> , 46, 2275-88		174
63	Cyanobacterial NDH-1 complexes: multiplicity in function and subunit composition. <b>2007</b> , 131, 22-32		75
62	The use of amphipathic polymers for cryo electron microscopy of NADH:ubiquinone oxidoreductase (complex I). <b>2007</b> , 227, 229-35		27
61	Eukaryotic complex I: functional diversity and experimental systems to unravel the assembly process. <b>2008</b> , 280, 93-110		49
60	Membrane and membrane-associated proteins in Triton X-114 extracts of <i>Mycobacterium bovis</i> BCG identified using a combination of gel-based and gel-free fractionation strategies. <b>2008</b> , 8, 1859-70		40
59	A structural investigation of complex I and I+III <sub>2</sub> supercomplex from <i>Zea mays</i> at 11-13 Å resolution: assignment of the carbonic anhydrase domain and evidence for structural heterogeneity within complex I. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2008</b> , 1777, 84-93	4.6	54
58	Complex I and energy thresholds in the brain. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2008</b> , 1777, 777-82	4.6	32
57	The three families of respiratory NADH dehydrogenases. <b>2008</b> , 45, 185-222		83
56	Bioenergetics. <b>2008</b> ,		4

55	Bioenergetics and Biological Electron Transport. 1-37		2
54	Three-dimensional structure of respiratory complex I from <i>Escherichia coli</i> in ice in the presence of nucleotides. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2008</b> , 1777, 711-8	4.6	36
53	Chapter 1 Visualizing functional flexibility by three-dimensional electron microscopy reconstructing complex I of the mitochondrial respiratory chain. <b>2009</b> , 456, 3-27		3
52	Architecture of complex I and its implications for electron transfer and proton pumping. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2009</b> , 1787, 574-83	4.6	86
51	The reaction of NADPH with bovine mitochondrial NADH:ubiquinone oxidoreductase revisited: I. Proposed consequences for electron transfer in the enzyme. <i>Journal of Bioenergetics and Biomembranes</i> , <b>2010</b> , 42, 261-78	3.7	6
50	Transmembrane topology of subunit N of complex I (NADH:ubiquinone oxidoreductase) from <i>Escherichia coli</i> . <i>Journal of Bioenergetics and Biomembranes</i> , <b>2010</b> , 42, 511-6	3.7	5
49	Definition of novel cell envelope associated proteins in Triton X-114 extracts of <i>Mycobacterium tuberculosis</i> H37Rv. <b>2010</b> , 10, 132		108
48	Structure and function of mitochondrial supercomplexes. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2010</b> , 1797, 664-70	4.6	148
47	Quinone binding and reduction by respiratory complex I. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2010</b> , 1797, 1883-90	4.6	66
46	The p.M292T NDUFS2 mutation causes complex I-deficient Leigh syndrome in multiple families. <b>2010</b> , 133, 2952-63		58
45	Internal architecture of mitochondrial complex I from <i>Arabidopsis thaliana</i> . <b>2010</b> , 22, 797-810		149
44	The structure of eukaryotic and prokaryotic complex I. <i>Journal of Structural Biology</i> , <b>2010</b> , 169, 81-8	3.4	90
43	Mammalian mitochondrial complex I: biogenesis, regulation, and reactive oxygen species generation. <i>Antioxidants and Redox Signaling</i> , <b>2010</b> , 12, 1431-70	8.4	302
42	Plant Mitochondria. <b>2011</b> ,		6
41	Biogenesis and Supramolecular Organization of the Oxidative Phosphorylation System in Plants. <b>2011</b> , 327-355		3
40	Mammalian NADH:ubiquinone oxidoreductase (Complex I) and nicotinamide nucleotide transhydrogenase (Nnt) together regulate the mitochondrial production of H <sub>2</sub> O <sub>2</sub> implications for their role in disease, especially cancer. <i>Journal of Bioenergetics and Biomembranes</i> , <b>2011</b> , 43, 541-64	3.7	24
39	Proteomic approach to characterize mitochondrial complex I from plants. <i>Phytochemistry</i> , <b>2011</b> , 72, 1071-80		40
38	The carbonic anhydrase subcomplex of mitochondrial complex I is essential for development and important for photomorphogenesis of <i>Arabidopsis</i> . <i>Plant Physiology</i> , <b>2012</b> , 160, 1373-83	6.6	28

37	Supramolecular Organization of the Respiratory Chain. <b>2012</b> , 247-277		2
36	A Structural Perspective on Respiratory Complex I. <b>2012</b> ,		4
35	The oxidative phosphorylation system in mammalian mitochondria. <i>Advances in Experimental Medicine and Biology</i> , <b>2012</b> , 942, 3-37	3.6	130
34	Revealing various coupling of electron transfer and proton pumping in mitochondrial respiratory chain. <i>Current Opinion in Structural Biology</i> , <b>2013</b> , 23, 526-38	8.1	29
33	Exogenous administration of coenzyme Q10 restores mitochondrial oxygen consumption in the aged mouse brain. <i>Mechanisms of Ageing and Development</i> , <b>2013</b> , 134, 580-6	5.6	9
32	Extended lifespan, reduced body size and leg skeletal muscle mass, and decreased mitochondrial function in clk-1 transgenic mice. <i>Experimental Gerontology</i> , <b>2014</b> , 58, 146-53	4.5	8
31	Structural interactions between inhibitor and substrate docking sites give insight into mechanisms of human PS1 complexes. <i>Structure</i> , <b>2014</b> , 22, 125-35	5.2	55
30	Three-dimensional structure of bovine heart NADH: ubiquinone oxidoreductase (complex I) by electron microscopy of a single negatively stained two-dimensional crystal. <i>Microscopy (Oxford, England)</i> , <b>2014</b> , 63, 167-74	1.3	10
29	Comparing the rates of ATP production driven by NADH or succinate oxidation to measure the H <sup>+</sup> : 2e stoichiometry of complex I. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2014</b> , 1837, e43-e44	4.6	
28	Structure of the NADH binding site of respiratory complex I. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2014</b> , 1837, e44	4.6	
27	Purification and characterization of mitochondrial complex I from <i>Neurospora crassa</i> for structural studies. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2014</b> , 1837, e44	4.6	
26	The life of plant mitochondrial complex I. <i>Mitochondrion</i> , <b>2014</b> , 19 Pt B, 295-313	4.9	78
25	Entire Respiratory Complex I from <i>Thermus Thermophilus</i> . <b>2014</b> , 1-16		
24	Constraining the Lateral Helix of Respiratory Complex I by Cross-linking Does Not Impair Enzyme Activity or Proton Translocation. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 20761-20773	5.4	26
23	Structure of bacterial respiratory complex I. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2016</b> , 1857, 892-901	4.6	50
22	Plant mitochondrial Complex I composition and assembly: A review. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2016</b> , 1857, 1001-14	4.6	41
21	Structure and function of mitochondrial complex I. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2016</b> , 1857, 902-14	4.6	174
20	Mitochondrial oxidative phosphorylation is impaired in TALLYHO mice, a new obesity and type 2 diabetes animal model. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2019</b> , 116, 105616	5.6	9



19	Water-soluble CoQ10 as A Promising Anti-aging Agent for Neurological Dysfunction in Brain Mitochondria. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	9
18	Visualizing the movement of the amphipathic helix in the respiratory complex I using a nitrile infrared probe and SEIRAS. <i>FEBS Letters</i> , <b>2020</b> , 594, 491-496	3.8	5
17	SOD2 deficiency in cardiomyocytes defines defective mitochondrial bioenergetics as a cause of lethal dilated cardiomyopathy. <i>Redox Biology</i> , <b>2020</b> , 37, 101740	11.3	9
16	Characterization of Bacterial Complex I (NDH-1) by a Genetic Engineering Approach. <b>2012</b> , 147-169		2
15	The road to the structure of the mitochondrial respiratory chain supercomplex. <i>Biochemical Society Transactions</i> , <b>2020</b> , 48, 621-629	5.1	8
14	Mutants of <i>Chlamydomonas reinhardtii</i> deficient in mitochondrial complex I: characterization of two mutations affecting the nd1 coding sequence. <i>Genetics</i> , <b>2001</b> , 158, 1051-60	4	44
13	Cryo-EM structure of respiratory complex IV. <i>IUCrJ</i> , <b>2019</b> , 6, 773-780	4.7	3
12	Mitochondrial iron-sulfur clusters: Structure, function, and an emerging role in vascular biology. <i>Redox Biology</i> , <b>2021</b> , 47, 102164	11.3	11
11	Electron Transport, Oxidative Phosphorylation, and Hydroxylation. <b>2001</b> , 1013-1086		
10	NADH Dehydrogenase.		
9	Single Particle Reconstruction.		
8	Structure, Function, and Biogenesis of Respiratory Complex I. <b>1999</b> , 325-360		
7	Structure, Function and Pathology of Complex I. <b>1999</b> , 73-86		
6	Effects of disrupting the 21 kDa subunit of complex I from <i>Neurospora crassa</i> . <i>Biochemical Journal</i> , <b>1999</b> , 342 Pt 3, 551-4	3.8	9
5	Roles for Mitochondrial Complex I subunits in regulating synaptic transmission and growth.		2
4	Roles for Mitochondrial Complex I Subunits in Regulating Synaptic Transmission and Growth.. <i>Frontiers in Neuroscience</i> , <b>2022</b> , 16, 846425	5.1	0
3	Structural insights into the assembly and the function of the plant oxidative phosphorylation system.. <i>New Phytologist</i> , <b>2022</b> ,	9.8	1
2	<i>Sordaria macrospora</i> Sterile Mutant pro34 Is Impaired in Respiratory Complex I Assembly. <b>2022</b> , 8, 1015		0

1 Mitochondrial Complex I as a Pathologic and Therapeutic Target for Parkinson's Disease.

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