

# Josef Houstek

## List of Publications by Year in descending order

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123  
papers

5,050  
citations

71102

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110387

64  
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126  
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126  
docs citations

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times ranked

6542  
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#	ARTICLE	IF	CITATIONS
1	Genetic Complementation of ATP Synthase Deficiency Due to Dysfunction of TMEM70 Assembly Factor in Rat. <i>Biomedicines</i> , 2022, 10, 276.	3.2	2
2	Loss of COX4I1 Leads to Combined Respiratory Chain Deficiency and Impaired Mitochondrial Protein Synthesis. <i>Cells</i> , 2021, 10, 369.	4.1	21
3	Biochemical thresholds for pathological presentation of ATP synthase deficiencies. <i>Biochemical and Biophysical Research Communications</i> , 2020, 521, 1036-1041.	2.1	12
4	Role of Mitochondrial Glycerol-3-Phosphate Dehydrogenase in Metabolic Adaptations of Prostate Cancer. <i>Cells</i> , 2020, 9, 1764.	4.1	18
5	Cytochrome c Oxidase Subunit 4 Isoform Exchange Results in Modulation of Oxygen Affinity. <i>Cells</i> , 2020, 9, 443.	4.1	48
6	Desminopathy: Novel Desmin Variants, a New Cardiac Phenotype, and Further Evidence for Secondary Mitochondrial Dysfunction. <i>Journal of Clinical Medicine</i> , 2020, 9, 937.	2.4	24
7	Mitochondrial targets of metformin—Are they physiologically relevant?. <i>BioFactors</i> , 2019, 45, 703-711.	5.4	23
8	TMEM70 facilitates biogenesis of mammalian ATP synthase by promoting subunit c incorporation into the rotor structure of the enzyme. <i>FASEB Journal</i> , 2019, 33, 14103-14117.	0.5	18
9	Role of the mitochondrial ATP synthase central stalk subunits $\hat{\text{I}}^3$ and $\hat{\text{I}}^1$ in the activity and assembly of the mammalian enzyme. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 374-381.	1.0	16
10	Bi-allelic Mutations in NDUFA6 Establish Its Role in Early-Onset Isolated Mitochondrial Complex I Deficiency. <i>American Journal of Human Genetics</i> , 2018, 103, 592-601.	6.2	41
11	Myocardial iron content and mitochondrial function in human heart failure: a direct tissue analysis. <i>European Journal of Heart Failure</i> , 2017, 19, 522-530.	7.1	180
12	Pleiotropic Effects of Biguanides on Mitochondrial Reactive Oxygen Species Production. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-11.	4.0	17
13	The clinical, biochemical and genetic features associated with <i>RMND1</i> -related mitochondrial disease. <i>Journal of Medical Genetics</i> , 2016, 53, 768-775.	3.2	35
14	Tissue- and species-specific differences in cytochrome c oxidase assembly induced by SURF1 defects. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 705-715.	3.8	21
15	Data on cytochrome c oxidase assembly in mice and human fibroblasts or tissues induced by SURF1 defect. <i>Data in Brief</i> , 2016, 7, 1004-1009.	1.0	1
16	Acadian variant of Fanconi syndrome is caused by mitochondrial respiratory chain complex I deficiency due to a non-coding mutation in complex I assembly factor NDUFAF6. <i>Human Molecular Genetics</i> , 2016, 25, 4062-4079.	2.9	55
17	Knockout of <i>Tmem70</i> alters biogenesis of ATP synthase and leads to embryonal lethality in mice. <i>Human Molecular Genetics</i> , 2016, 25, ddw295.	2.9	21
18	Wars2 is a determinant of angiogenesis. <i>Nature Communications</i> , 2016, 7, 12061.	12.8	45

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19	The mammalian homologue of yeast Afg1 ATPase (lactation elevated 1) mediates degradation of nuclear-encoded complex IV subunits. <i>Biochemical Journal</i> , 2016, 473, 797-804.	3.7	17
20	Autocrine effects of transgenic resistin reduce palmitate and glucose oxidation in brown adipose tissue. <i>Physiological Genomics</i> , 2016, 48, 420-427.	2.3	4
21	Sex difference in the sensitivity of cardiac mitochondrial permeability transition pore to calcium load. <i>Molecular and Cellular Biochemistry</i> , 2016, 412, 147-154.	3.1	39
22	LACE1 interacts with p53 and mediates its mitochondrial translocation and apoptosis. <i>Oncotarget</i> , 2016, 7, 47687-47698.	1.8	13
23	Mitochondrial ATP synthasome: Expression and structural interaction of its components. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 787-793.	2.1	27
24	Alteration of structure and function of ATP synthase and cytochrome c oxidase by lack of Fo-a and Cox3 subunits caused by mitochondrial DNA 9205delTA mutation. <i>Biochemical Journal</i> , 2015, 466, 601-611.	3.7	16
25	Noninvasive diagnostics of mitochondrial disorders in isolated lymphocytes with high resolution respirometry. <i>BBA Clinical</i> , 2014, 2, 62-71.	4.1	19
26	Effects of mtDNA in SHR-mt <sup>F344</sup> versus SHR conplastic strains on reduced OXPHOS enzyme levels, insulin resistance, cardiac hypertrophy, and systolic dysfunction. <i>Physiological Genomics</i> , 2014, 46, 671-678.	2.3	18
27	ROS generation and multiple forms of mammalian mitochondrial glycerol-3-phosphate dehydrogenase. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014, 1837, 98-111.	1.0	55
28	ROS production in brown adipose tissue mitochondria: The question of UCP1-dependence. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014, 1837, 2017-2030.	1.0	51
29	Mitochondrial membrane assembly of TMEM70 protein. <i>Mitochondrion</i> , 2014, 15, 1-9.	3.4	15
30	The function and the role of the mitochondrial glycerol-3-phosphate dehydrogenase in mammalian tissues. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2013, 1827, 401-410.	1.0	302
31	Antioxidant enzymes in cerebral cortex of immature rats following experimentally induced seizures: upregulation of mitochondrial MnSOD (SOD2). <i>International Journal of Developmental Neuroscience</i> , 2013, 31, 123-130.	1.6	17
32	High Molecular Weight Forms of Mammalian Respiratory Chain Complex II. <i>PLoS ONE</i> , 2013, 8, e71869.	2.5	12
33	YME1L controls the accumulation of respiratory chain subunits and is required for apoptotic resistance, cristae morphogenesis, and cell proliferation. <i>Molecular Biology of the Cell</i> , 2012, 23, 1010-1023.	2.1	141
34	CD36 overexpression predisposes to arrhythmias but reduces infarct size in spontaneously hypertensive rats: gene expression profile analysis. <i>Physiological Genomics</i> , 2012, 44, 173-182.	2.3	19
35	Nonsynonymous variants in mt-Nd2, mt-Nd4, and mt-Nd5 are linked to effects on oxidative phosphorylation and insulin sensitivity in rat conplastic strains. <i>Physiological Genomics</i> , 2012, 44, 487-494.	2.3	25
36	Adaptation of respiratory chain biogenesis to cytochrome c oxidase deficiency caused by SURF1 gene mutations. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 1114-1124.	3.8	30

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37	Compensatory upregulation of respiratory chain complexes III and IV in isolated deficiency of ATP synthase due to TMEM70 mutation. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, 1037-1043.	1.0	32
38	Evaluation of basic mitochondrial functions using rat tissue homogenates. <i>Mitochondrion</i> , 2011, 11, 722-728.	3.4	61
39	Effect of metformin therapy on cardiac function and survival in a volume-overload model of heart failure in rats. <i>Clinical Science</i> , 2011, 121, 29-41.	4.3	50
40	Expression and processing of the TMEM70 protein. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011, 1807, 144-149.	1.0	26
41	Mitochondrially Targeted Î±-Tocopheryl Succinate Is Antiangiogenic: Potential Benefit Against Tumor Angiogenesis but Caution Against Wound Healing. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 2923-2935.	5.4	48
42	Cyanide inhibition and pyruvate-induced recovery of cytochrome c oxidase. <i>Journal of Bioenergetics and Biomembranes</i> , 2010, 42, 395-403.	2.3	20
43	Knockdown of F1 epsilon subunit decreases mitochondrial content of ATP synthase and leads to accumulation of subunit c. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 1124-1129.	1.0	42
44	Genetic disorders of mitochondrial ATP synthase. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 47-48.	1.0	1
45	Effect of 9205delA mutation load in the mt-ATP6 gene on mitochondrial ATP synthase structure, function. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 50-51.	1.0	0
46	Cyanide inhibition and pyruvate-induced recovery of cytochrome c oxidase. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 99.	1.0	0
47	Mitochondrial encephalocardio-myopathy with early neonatal onset due to TMEM70 mutation. <i>Archives of Disease in Childhood</i> , 2010, 95, 296-301.	1.9	72
48	Mitochondrial ATP synthase deficiency due to a mutation in the ATP5E gene for the F1 Å subunit. <i>Human Molecular Genetics</i> , 2010, 19, 3430-3439.	2.9	133
49	Sustained deficiency of mitochondrial complex I activity during long periods of survival after seizures induced in immature rats by homocysteic acid. <i>Neurochemistry International</i> , 2010, 56, 394-403.	3.8	68
50	Succinimidyl oleate, established inhibitor of CD36/FAT translocase inhibits complex III of mitochondrial respiratory chain. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 1348-1351.	2.1	9
51	TMEM70 protein "A novel ancillary factor of mammalian ATP synthase. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009, 1787, 529-532.	1.0	37
52	High efficiency of ROS production by glycerophosphate dehydrogenase in mammalian mitochondria. <i>Archives of Biochemistry and Biophysics</i> , 2009, 481, 30-36.	3.0	71
53	TMEM70 mutations cause isolated ATP synthase deficiency and neonatal mitochondrial encephalocardiomyopathy. <i>Nature Genetics</i> , 2008, 40, 1288-1290.	21.4	183
54	Development of a human mitochondrial oligonucleotide microarray (h-MitoArray) and gene expression analysis of fibroblast cell lines from 13 patients with isolated F1Fo ATP synthase deficiency. <i>BMC Genomics</i> , 2008, 9, 38.	2.8	22

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55	S5/1 Control of the synthesis of uncoupling and coupling proteins in brown adipose tissue. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008, 1777, S40.	1.0	0
56	A sequence predicted to form a stem-loop is proposed to be required for formation of an RNA-protein complex involving the 3'UTR of $\beta$ -subunit FOF1-ATPase mRNA. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008, 1777, 747-757.	1.0	5
57	HIF and reactive oxygen species regulate oxidative phosphorylation in cancer. <i>Carcinogenesis</i> , 2008, 29, 1528-1537.	2.8	84
58	Mitochondrial ATP synthase levels in brown adipose tissue are governed by the $F_0$ subunit P1 isoform. <i>FASEB Journal</i> , 2008, 22, 55-63.	0.5	64
59	Induction of muscle thermogenesis by high-fat diet in mice: association with obesity-resistance. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E356-E367.	3.5	64
60	Direct linkage of mitochondrial genome variation to risk factors for type 2 diabetes in conplastic strains. <i>Genome Research</i> , 2007, 17, 1319-1326.	5.5	78
61	Mitochondrial complex I inhibition in cerebral cortex of immature rats following homocysteic acid-induced seizures. <i>Experimental Neurology</i> , 2007, 204, 597-609.	4.1	48
62	Respiratory chain components involved in the glycerophosphate dehydrogenase-dependent ROS production by brown adipose tissue mitochondria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2007, 1767, 989-997.	1.0	35
63	Mitochondrial diseases and genetic defects of ATP synthase. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2006, 1757, 1400-1405.	1.0	116
64	Inhibition of glycerophosphate-dependent H <sub>2</sub> O <sub>2</sub> generation in brown fat mitochondria by idebenone. <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 362-366.	2.1	34
65	Inhibition of cytochrome c oxidase subunit 4 precursor processing by the hypoxia mimic cobalt chloride. <i>Biochemical and Biophysical Research Communications</i> , 2006, 344, 1086-1093.	2.1	33
66	Evaluation of mitochondrial membrane potential using a computerized device with a tetraphenylphosphonium-selective electrode. <i>Analytical Biochemistry</i> , 2006, 353, 37-42.	2.4	44
67	Two components in pathogenic mechanism of mitochondrial ATPase deficiency: Energy deprivation and ROS production. <i>Experimental Gerontology</i> , 2006, 41, 683-687.	2.8	34
68	Retrospective, Multicentric Study of 180 Children with Cytochrome c Oxidase Deficiency. <i>Pediatric Research</i> , 2006, 59, 21-26.	2.3	142
69	Tissue-specific cytochrome c oxidase assembly defects due to mutations in SCO2 and SURF1. <i>Biochemical Journal</i> , 2005, 392, 625-632.	3.7	90
70	Assembly factors of F1F <sub>0</sub> -ATP synthase across genomes. <i>Proteins: Structure, Function and Bioinformatics</i> , 2005, 59, 393-402.	2.6	31
71	Reduced Respiratory Control with ADP and Changed Pattern of Respiratory Chain Enzymes as a Result of Selective Deficiency of the Mitochondrial ATP Synthase. <i>Pediatric Research</i> , 2004, 55, 988-994.	2.3	34
72	Decreased affinity for oxygen of cytochrome-c oxidase in Leigh syndrome caused by SURF1 mutations. <i>American Journal of Physiology - Cell Physiology</i> , 2004, 287, C1384-C1388.	4.6	39

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73	Mitochondrial Membrane Potential and ATP Production in Primary Disorders of ATP Synthase. <i>Toxicology Mechanisms and Methods</i> , 2004, 14, 7-11.	2.7	16
74	A new role for the von Hippel-Lindau tumor suppressor protein: stimulation of mitochondrial oxidative phosphorylation complex biogenesis. <i>Carcinogenesis</i> , 2004, 26, 531-539.	2.8	73
75	Mitochondrial diseases and ATPase defects of nuclear origin. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2004, 1658, 115-121.	1.0	35
76	Segregation pattern and biochemical effect of the G3460A mtDNA mutation in 27 members of LHON family. <i>Journal of the Neurological Sciences</i> , 2004, 223, 149-155.	0.6	16
77	IL-1 and LPS but not IL-6 inhibit differentiation and downregulate PPAR gamma in brown adipocytes. <i>Cytokine</i> , 2004, 26, 9-15.	3.2	31
78	Diminished synthesis of subunit a (ATP6) and altered function of ATP synthase and cytochrome c oxidase due to the mtDNA 2 bp microdeletion of TA at positions 9205 and 9206. <i>Biochemical Journal</i> , 2004, 383, 561-571.	3.7	59
79	Differential expression of ATPAF1 and ATPAF2 genes encoding F1-ATPase assembly proteins in mouse tissues. <i>FEBS Letters</i> , 2003, 551, 42-46.	2.8	8
80	Functional alteration of cytochrome c oxidase by SURF1 mutations in Leigh syndrome. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2003, 1639, 53-63.	3.8	45
81	Mitochondrial Energy Metabolism in Very Premature Neonates. <i>Neonatology</i> , 2002, 81, 229-235.	2.0	21
82	Glycerophosphate-dependent hydrogen peroxide production by brown adipose tissue mitochondria and its activation by ferricyanide. <i>Journal of Bioenergetics and Biomembranes</i> , 2002, 34, 105-113.	2.3	95
83	A Novel Mutation in SURF1 Causes Skipping of Exon 8 in a Patient with Cytochrome c Oxidase-Deficient Leigh Syndrome and Hypertrichosis. <i>Molecular Genetics and Metabolism</i> , 2001, 73, 340-343.	1.1	22
84	A novel principle for conferring selectivity to poly(A)-binding proteins: interdependence of two ATP synthase $\beta$ -subunit mRNA-binding proteins. <i>Biochemical Journal</i> , 2000, 346, 33-39.	3.7	9
85	A novel principle for conferring selectivity to poly(A)-binding proteins: interdependence of two ATP synthase $\beta$ -subunit mRNA-binding proteins. <i>Biochemical Journal</i> , 2000, 346, 33.	3.7	6
86	Tetramethyl Rhodamine Methyl Ester (TMRM) is Suitable for Cytofluorometric Measurements of Mitochondrial Membrane Potential in Cells Treated with Digitonin. <i>Bioscience Reports</i> , 1999, 19, 27-34.	2.4	90
87	Complex approach to prenatal diagnosis of cytochromec oxidase deficiencies. , 1999, 19, 552-558.		12
88	Defective kinetics of cytochrome c oxidase and alteration of mitochondrial membrane potential in fibroblasts and cytoplasmic hybrid cells with the mutation for myoclonus epilepsy with ragged-red fibres ( $\Delta$ MERRF $\Delta$ ) at position 8344. <i>Biochemical Journal</i> , 1999, 342, 537-544.	3.7	43
89	Defective kinetics of cytochrome c oxidase and alteration of mitochondrial membrane potential in fibroblasts and cytoplasmic hybrid cells with the mutation for myoclonus epilepsy with ragged-red fibres ( $\Delta$ MERRF $\Delta$ ) at position 8344. <i>Biochemical Journal</i> , 1999, 342, 537.	3.7	23
90	Brown Adipose Tissue: More Than an Effector of Thermogenesis? <i>Annals of the New York Academy of Sciences</i> , 1998, 856, 171-187.	3.8	112

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91	ATP synthase subunit c expression: physiological regulation of the P1 and P2 genes. <i>Biochemical Journal</i> , 1997, 323, 379-385.	3.7	46
92	$\beta$ -Adrenergic stimulation of interleukin-1 $\beta$ and interleukin-6 expression in mouse brown adipocytes. <i>FEBS Letters</i> , 1997, 411, 83-86.	2.8	91
93	Tissue Metabolism and Plasma Levels of Thyroid Hormones in Critically Ill Very Premature Infants. <i>Pediatric Research</i> , 1997, 42, 812-818.	2.3	46
94	MULTIFACTORIAL INDUCTION OF GENE EXPRESSION AND NUCLEAR LOCALIZATION OF MOUSE INTERLEUKIN 1 $\beta$ . <i>Cytokine</i> , 1996, 8, 460-467.	3.2	25
95	Thermoregulation in Athymic and Euthymic Hairless Mice. <i>Contributions To Oncology / Beitrage Zur Onkologie</i> , 1996, , 1-11.	0.1	0
96	The Expression of Subunit c Correlates with and Thus May Limit the Biosynthesis of the Mitochondrial FOF1-ATPase in Brown Adipose Tissue. <i>Journal of Biological Chemistry</i> , 1995, 270, 7689-7694.	3.4	69
97	Altered properties of mitochondrial ATP-synthase in patients with a T $\rightarrow$ G mutation in the ATPase 6 (subunit a) gene at position 8993 of mtDNA. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1995, 1271, 349-357.	3.8	87
98	Assembly of mitochondrial ATP synthase in cultured human cells: implications for mitochondrial diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1995, 1272, 190-198.	3.8	76
99	Low translational efficiency of the F1-ATPase $\beta$ -subunit mRNA largely accounts for the decreased ATPase content in brown adipose tissue mitochondria. <i>FEBS Letters</i> , 1992, 313, 23-26.	2.8	21
100	Control of Synthesis of Uncoupling Protein and ATPase in Animal and Human Brown Adipose Tissue. , 1992, , 447-458.		2
101	Low content of mitochondrial ATPase in brown adipose tissue is the result of post-transcriptional regulation. <i>FEBS Letters</i> , 1991, 294, 191-194.	2.8	22
102	Postnatal appearance of uncoupling protein and formation of thermogenic mitochondria in hamster brown adipose tissue. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1990, 1015, 441-449.	1.0	26
103	Differentiation of brown adipose tissue and biogenesis of thermogenic mitochondria in situ and in cell culture. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1990, 1018, 243-247.	1.0	24
104	Role of the carboxyl-terminal region of the PVP protein (FO I subunit) in the H <sup>+</sup> conduction of FO F1 H <sup>+</sup> -ATP synthase of bovine heart mitochondria. <i>FEBS Letters</i> , 1989, 249, 62-66.	2.8	16
105	Mitochondrial FOF1H <sup>+</sup> -ATP synthase Characterization of FO components involved in H <sup>+</sup> translocation. <i>FEBS Letters</i> , 1989, 250, 60-66.	2.8	21
106	Temperature-induced states of isolated F1-ATPase affect catalysis, enzyme conformation and high-affinity nucleotide binding sites. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1989, 976, 77-84.	1.0	22
107	Topological and functional characterization of the FOI subunit of the membrane moiety of the mitochondrial H <sup>+</sup> -ATP synthase. <i>FEBS Journal</i> , 1988, 173, 1-8.	0.2	41
108	Alkaline pH, membrane potential, and magnesium cations are negative modulators of purine nucleotide inhibition of H <sup>+</sup> and Cl <sup>-</sup> transport through the uncoupling protein of brown adipose tissue mitochondria. <i>Journal of Bioenergetics and Biomembranes</i> , 1988, 20, 603-622.	2.3	27

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109	Uncoupling protein in embryonic brown adipose tissue – existence of nonthermogenic and thermogenic mitochondria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1988, 935, 19-25.	1.0	62
110	Identification of nucleus-encoded FO1 protein of bovine heart mitochondrial H <sup>+</sup> -ATPase as a functional part of the FO moiety. <i>FEBS Letters</i> , 1988, 237, 9-14.	2.8	42
111	Control of uncoupling protein in brown-fat mitochondria by purine nucleotides. Chemical modification by diazobenzenesulfonate. <i>FEBS Journal</i> , 1987, 164, 687-694.	0.2	25
112	Electrophoretic behavior of the H <sup>+</sup> -ATPase proteolipid from bovine heart mitochondria. <i>Journal of Bioenergetics and Biomembranes</i> , 1986, 18, 507-519.	2.3	4
113	Molecular mechanism of uncoupling in brown adipose tissue mitochondria. <i>FEBS Letters</i> , 1984, 170, 186-190.	2.8	35
114	Evaluation of the specific dicyclohexylcarbodiimide binding sites in brown adipose tissue mitochondria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1981, 634, 321-330.	1.0	21
115	Differentiation of dicyclohexylcarbodiimide reactive sites of the ATPase complex in bovine heart mitochondria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1981, 634, 331-339.	1.0	26
116	High Number of High-Affinity Binding Sites for (-)-[3H]Dihydroalprenolol on Isolated Hamster Brown-Fat Cells. A Study of the beta-Adrenergic Receptors. <i>FEBS Journal</i> , 1979, 102, 203-210.	0.2	56
117	Characterization of dicyclohexylcarbodiimide binding sites in beef-heart mitochondria. <i>Biochemical and Biophysical Research Communications</i> , 1979, 89, 981-987.	2.1	5
118	Synthesis of 8-azidoadenosine 5'-phosphate. <i>Collection of Czechoslovak Chemical Communications</i> , 1979, 44, 976-980.	1.0	4
119	Alprenolol binding to isolated brown adipocytes: An attempt to identify the $\beta^2$ -adrenergic receptor. <i>Journal of Thermal Biology</i> , 1978, 3, 103.	2.5	1
120	Specific properties of brown adipose tissue mitochondrial membrane. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1978, 60, 209-214.	0.2	7
121	Purification and properties of mitochondrial adenosine triphosphatase of hamster brown adipose tissue. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1977, 484, 127-139.	2.6	32
122	Purification and properties of adenosine triphosphatase solubilized from beef heart mitochondria by chloroform. <i>Molecular and Cellular Biochemistry</i> , 1977, 18, 77-80.	3.1	16
123	Glycerol-3-Phosphate Shuttle and Its Function in Intermediary Metabolism of Hamster Brown-Adipose Tissue. <i>FEBS Journal</i> , 1975, 54, 11-18.	0.2	68