

# Hana NÁřsková;

## List of Publications by Year in descending order

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22  
papers

776  
citations

567281

15  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1718  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Mitochondrial ATP synthase deficiency due to a mutation in the ATP5E gene for the F1 $\hat{A}$ subunit. <i>Human Molecular Genetics</i> , 2010, 19, 3430-3439.	2.9	133
3	Evaluation of basic mitochondrial functions using rat tissue homogenates. <i>Mitochondrion</i> , 2011, 11, 722-728.	3.4	61
4	Wars2 is a determinant of angiogenesis. <i>Nature Communications</i> , 2016, 7, 12061.	12.8	45
5	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
6	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
7	Pharmacological inhibition of fatty-acid oxidation synergistically enhances the effect of l-asparaginase in childhood ALL cells. <i>Leukemia</i> , 2016, 30, 209-218.	7.2	31
8	Mitochondrial ATP synthasome: Expression and structural interaction of its components. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 787-793.	2.1	27
9	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
10	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
11	Knockout of Tmem70 alters biogenesis of ATP synthase and leads to embryonal lethality in mice. <i>Human Molecular Genetics</i> , 2016, 25, ddw295.	2.9	21
12	Cyanide inhibition and pyruvate-induced recovery of cytochrome c oxidase. <i>Journal of Bioenergetics and Biomembranes</i> , 2010, 42, 395-403.	2.3	20
13	Noninvasive diagnostics of mitochondrial disorders in isolated lymphocytes with high resolution respirometry. <i>BBA Clinical</i> , 2014, 2, 62-71.	4.1	19
14	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
15	Stearic acid blunts growth-factor signaling via oleoylation of GNAI proteins. <i>Nature Communications</i> , 2021, 12, 4590.	12.8	18
16	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
17	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
18	Role of the mitochondrial ATP synthase central stalk subunits $\hat{\rho}$ and $\hat{\rho}$ in the activity and assembly of the mammalian enzyme. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 374-381.	1.0	16

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19	Biochemical thresholds for pathological presentation of ATP synthase deficiencies. Biochemical and Biophysical Research Communications, 2020, 521, 1036-1041.	2.1	12
20	High Molecular Weight Forms of Mammalian Respiratory Chain Complex II. PLoS ONE, 2013, 8, e71869.	2.5	12
21	Succinimidyl oleate, established inhibitor of CD36/FAT translocase inhibits complex III of mitochondrial respiratory chain. Biochemical and Biophysical Research Communications, 2010, 391, 1348-1351.	2.1	9
22	Data on cytochrome c oxidase assembly in mice and human fibroblasts or tissues induced by SURF1 defect. Data in Brief, 2016, 7, 1004-1009.	1.0	1