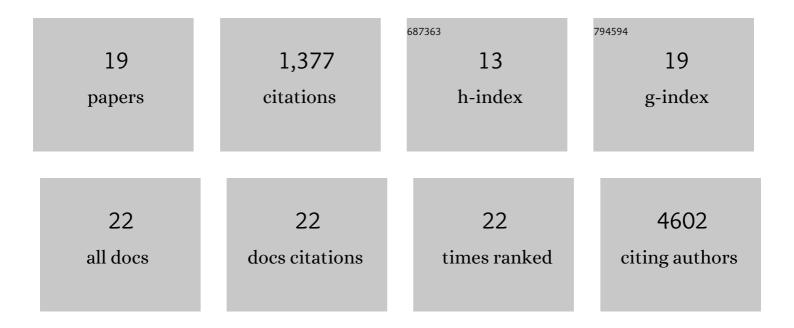
Anton Petcherski

List of Publications by Year in descending order

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ANTON PETCHEDSKI

#	Article	IF	CITATIONS
1	The ApoA-I mimetic peptide 4F attenuates in vitro replication of SARS-CoV-2, associated apoptosis, oxidative stress and inflammation in epithelial cells. Virulence, 2021, 12, 2214-2227.	4.4	9
2	Patient-specific iPSCs carrying an SFTPC mutation reveal the intrinsic alveolar epithelial dysfunction at the inception of interstitial lung disease. Cell Reports, 2021, 36, 109636.	6.4	48
3	Recruitment and remodeling of peridroplet mitochondria in human adipose tissue. Redox Biology, 2021, 46, 102087.	9.0	17
4	Ellagic Acid and Its Microbial Metabolite Urolithin A Alleviate Dietâ€Induced Insulin Resistance in Mice. Molecular Nutrition and Food Research, 2020, 64, e2000091.	3.3	23
5	Fgr kinase is required for proinflammatory macrophage activation during diet-induced obesity. Nature Metabolism, 2020, 2, 974-988.	11.9	40
6	The biology of lipid droplet-bound mitochondria. Seminars in Cell and Developmental Biology, 2020, 108, 55-64.	5.0	38
7	MitoTimer-based high-content screen identifies two chemically-related benzothiophene derivatives that enhance basal mitophagy. Biochemical Journal, 2020, 477, 461-475.	3.7	11
8	A novel approach to measure mitochondrial respiration in frozen biological samples. EMBO Journal, 2020, 39, e104073.	7.8	110
9	Blocking mitochondrial pyruvate import in brown adipocytes induces energy wasting via lipid cycling. EMBO Reports, 2020, 21, e49634.	4.5	31
10	Sphingosine kinase 2 is a negative regulator of inflammatory macrophage activation. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 1235-1246.	2.4	27
11	An Autophagy Modifier Screen Identifies Small Molecules Capable of Reducing Autophagosome Accumulation in a Model of CLN3-Mediated Neurodegeneration. Cells, 2019, 8, 1531.	4.1	14
12	Mitochondria Bound to Lipid Droplets Have Unique Bioenergetics, Composition, and Dynamics that Support Lipid Droplet Expansion. Cell Metabolism, 2018, 27, 869-885.e6.	16.2	359
13	Elamipretide Promotes Mitophagosome Formation and Prevents Its Reduction Induced by Nutrient Excess in INS1 β-cells. Journal of Molecular Biology, 2018, 430, 4823-4833.	4.2	14
14	Altered Expression of Ganglioside Metabolizing Enzymes Results in GM3 Ganglioside Accumulation in Cerebellar Cells of a Mouse Model of Juvenile Neuronal Ceroid Lipofuscinosis. International Journal of Molecular Sciences, 2018, 19, 625.	4.1	12
15	Cell cycle–related metabolism and mitochondrial dynamics in a replication-competent pancreatic beta-cell line. Cell Cycle, 2017, 16, 2086-2099.	2.6	27
16	Unbiased Cell-based Screening in a Neuronal Cell Model of Batten Disease Highlights an Interaction between Ca2+ Homeostasis, Autophagy, and CLN3 Protein Function. Journal of Biological Chemistry, 2015, 290, 14361-14380.	3.4	75
17	Human iPSC models of neuronal ceroid lipofuscinosis capture distinct effects of TPP1 and CLN3 mutations on the endocytic pathway. Human Molecular Genetics, 2014, 23, 2005-2022.	2.9	121
18	FRET-Assisted Determination of CLN3 Membrane Topology. PLoS ONE, 2014, 9, e102593.	2.5	21

#	Article	IF	CITATIONS
19	Mitophagy is triggered by mild oxidative stress in a mitochondrial fission dependent manner. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 2297-2310.	4.1	373