

# Anton Petcherski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3900615/publications.pdf>

Version: 2024-02-01

19  
papers

1,377  
citations

687363

13  
h-index

794594

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

4602  
citing authors

| #  | 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. <i>Virulence</i> , 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. <i>Cell Reports</i> , 2021, 36, 109636.   | 6.4  | 48        |
| 3  | Recruitment and remodeling of peridroplet mitochondria in human adipose tissue. <i>Redox Biology</i> , 2021, 46, 102087.  | 9.0  | 17        |
| 4  | Ellagic Acid and Its Microbial Metabolite Urolithin A Alleviate Diet-Induced Insulin Resistance in Mice. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e2000091.   | 3.3  | 23        |
| 5  | Fgr kinase is required for proinflammatory macrophage activation during diet-induced obesity. <i>Nature Metabolism</i> , 2020, 2, 974-988.  | 11.9 | 40        |
| 6  | The biology of lipid droplet-bound mitochondria. <i>Seminars in Cell and Developmental Biology</i> , 2020, 108, 55-64.  | 5.0  | 38        |
| 7  | MitoTimer-based high-content screen identifies two chemically-related benzothiophene derivatives that enhance basal mitophagy. <i>Biochemical Journal</i> , 2020, 477, 461-475.   | 3.7  | 11        |
| 8  | A novel approach to measure mitochondrial respiration in frozen biological samples. <i>EMBO Journal</i> , 2020, 39, e104073.  | 7.8  | 110       |
| 9  | Blocking mitochondrial pyruvate import in brown adipocytes induces energy wasting via lipid cycling. <i>EMBO Reports</i> , 2020, 21, e49634.  | 4.5  | 31        |
| 10 | Sphingosine kinase 2 is a negative regulator of inflammatory macrophage activation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 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. <i>Cells</i> , 2019, 8, 1531.   | 4.1  | 14        |
| 12 | Mitochondria Bound to Lipid Droplets Have Unique Bioenergetics, Composition, and Dynamics that Support Lipid Droplet Expansion. <i>Cell Metabolism</i> , 2018, 27, 869-885.e6.  | 16.2 | 359       |
| 13 | Elamipretide Promotes Mitophagosome Formation and Prevents Its Reduction Induced by Nutrient Excess in INS1 $\beta$ -cells. <i>Journal of Molecular Biology</i> , 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. <i>International Journal of Molecular Sciences</i> , 2018, 19, 625. | 4.1  | 12        |
| 15 | Cell cycle-related metabolism and mitochondrial dynamics in a replication-competent pancreatic beta-cell line. <i>Cell Cycle</i> , 2017, 16, 2086-2099.   | 2.6  | 27        |
| 16 | Unbiased Cell-based Screening in a Neuronal Cell Model of Batten Disease Highlights an Interaction between $Ca^{2+}$ Homeostasis, Autophagy, and CLN3 Protein Function. <i>Journal of Biological Chemistry</i> , 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. <i>Human Molecular Genetics</i> , 2014, 23, 2005-2022.  | 2.9  | 121       |
| 18 | FRET-Assisted Determination of CLN3 Membrane Topology. <i>PLoS ONE</i> , 2014, 9, e102593.  | 2.5  | 21        |

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