

# Yuriy Kirichok

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1031816/publications.pdf>

Version: 2024-02-01

21  
papers

3,609  
citations

623734

14  
h-index

713466

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

4983  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial H <sup>+</sup> Leak and Thermogenesis. Annual Review of Physiology, 2022, 84, 381-407.	13.1	24
2	Deficiency of the splicing factor RBM10 limits EGFR inhibitor response in EGFR-mutant lung cancer. Journal of Clinical Investigation, 2022, 132, .	8.2	15
3	Mitochondrial uncouplers induce proton leak by activating AAC and UCP1. Nature, 2022, 606, 180-187.	27.8	48
4	Recording Electrical Currents across the Plasma Membrane of Mammalian Sperm Cells. Journal of Visualized Experiments, 2021, , .	0.3	4
5	The mechanism of MICU-dependent gating of the mitochondrial Ca <sup>2+</sup> uniporter. ELife, 2021, 10, .	6.0	39
6	Patch-Clamp Analysis of the Mitochondrial H <sup>+</sup> Leak in Brown and Beige Fat. Frontiers in Physiology, 2020, 11, 326.	2.8	7
7	H <sup>+</sup> transport is an integral function of the mitochondrial ADP/ATP carrier. Nature, 2019, 571, 515-520.	27.8	183
8	Synthetic Essentiality of Metabolic Regulator PDHK1 in PTEN-Deficient Cells and Cancers. Cell Reports, 2019, 28, 2317-2330.e8.	6.4	12
9	The Mechanism FA-Dependent H <sup>+</sup> Transport by UCP1. Handbook of Experimental Pharmacology, 2018, 251, 143-159.	1.8	17
10	Mitochondrial Patch Clamp of Beige Adipocytes Reveals UCP1-Positive and UCP1-Negative Cells Both Exhibiting Futile Creatine Cycling. Cell Metabolism, 2017, 25, 811-822.e4.	16.2	174
11	UCP1: A transporter for H <sup>+</sup> and fatty acid anions. Biochimie, 2017, 134, 28-34.	2.6	65
12	Perinatal Licensing of Thermogenesis by IL-33 and ST2. Cell, 2016, 166, 841-854.	28.9	99
13	Unconventional endocannabinoid signaling governs sperm activation via the sex hormone progesterone. Science, 2016, 352, 555-559.	12.6	200
14	Keeping a lid on calcium uptake. ELife, 2016, 5, .	6.0	2
15	Signaling the differences between cilia. ELife, 2015, 4, .	6.0	9
16	Mitochondrial Ca <sup>2+</sup> uniporter and CaMKII in heart. Nature, 2014, 513, E1-E2.	27.8	72
17	Mechanism of Fatty-Acid-Dependent UCP1 Uncoupling in Brown Fat Mitochondria. Cell, 2012, 151, 400-413.	28.9	728
18	Activity of the mitochondrial calcium uniporter varies greatly between tissues. Nature Communications, 2012, 3, 1317.	12.8	191

#	ARTICLE	IF	CITATIONS
19	Rediscovering sperm ion channels with the patch-clamp technique. <i>Molecular Human Reproduction</i> , 2011, 17, 478-499.	2.8	100
20	Whole-cell patch-clamp measurements of spermatozoa reveal an alkaline-activated Ca <sup>2+</sup> channel. <i>Nature</i> , 2006, 439, 737-740.	27.8	403
21	The mitochondrial calcium uniporter is a highly selective ion channel. <i>Nature</i> , 2004, 427, 360-364.	27.8	1,217