

# Petras Dzeja

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10592640/publications.pdf>

Version: 2024-02-01

17  
papers

1,154  
citations

840776

11  
h-index

888059

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1980  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adenylate kinase AK2 isoform integral in embryo and adult heart homeostasis. <i>Biochemical and Biophysical Research Communications</i> , 2021, 546, 59-64.	2.1	12
2	Gas chromatography-mass spectrometry based <sup>18</sup> O stable isotope labeling of Krebs cycle intermediates. <i>Analytica Chimica Acta</i> , 2021, 1154, 338325.	5.4	8
3	Partial inhibition of mitochondrial complex I ameliorates Alzheimer's disease pathology and cognition in APP/PS1 female mice. <i>Communications Biology</i> , 2021, 4, 61.	4.4	35
4	Adenylate Kinase and Metabolic Signaling in Cancer Cells. <i>Frontiers in Oncology</i> , 2020, 10, 660.	2.8	39
5	Ablation of adipocyte creatine transport impairs thermogenesis and causes diet-induced obesity. <i>Nature Metabolism</i> , 2019, 1, 360-370.	11.9	103
6	Genetic Depletion of Adipocyte Creatine Metabolism Inhibits Diet-Induced Thermogenesis and Drives Obesity. <i>Cell Metabolism</i> , 2017, 26, 660-671.e3.	16.2	187
7	Decline of Phosphotransfer and Substrate Supply Metabolic Circuits Hinders ATP Cycling in Aging Myocardium. <i>PLoS ONE</i> , 2015, 10, e0136556.	2.5	15
8	Modulation of Mitochondrial Complex I Activity Averts Cognitive Decline in Multiple Animal Models of Familial Alzheimer's Disease. <i>EBioMedicine</i> , 2015, 2, 294-305.	6.1	87
9	Adenylate Kinase Isoform Network: A Major Hub in Cell Energetics and Metabolic Signaling. <i>Springer Series in Biophysics</i> , 2014, , 145-162.	0.4	6
10	Dynamic phosphometabolomic profiling of human tissues and transgenic models by <sup>18</sup> O-assisted <sup>31</sup> P NMR and mass spectrometry. <i>Physiological Genomics</i> , 2012, 44, 386-402.	2.3	34
11	<sup>18</sup> O-assisted dynamic metabolomics for individualized diagnostics and treatment of human diseases. <i>Croatian Medical Journal</i> , 2012, 53, 529-534.	0.7	26
12	<sup>31</sup> P NMR correlation maps of <sup>18</sup> O/ <sup>16</sup> O chemical shift isotopic effects for phosphometabolite labeling studies. <i>Journal of Biomolecular NMR</i> , 2011, 50, 237-245.	2.8	11
13	Metabolic assessment of a novel chronic myelogenous leukemic cell line and an imatinib resistant subline by <sup>1</sup> H NMR spectroscopy. <i>Metabolomics</i> , 2010, 6, 439-450.	3.0	20
14	Where Have the Fluxes Gone?. <i>Journal of Biological Chemistry</i> , 2010, 285, 1e21.	3.4	3
15	Adenylate Kinase and AMP Signaling Networks: Metabolic Monitoring, Signal Communication and Body Energy Sensing. <i>International Journal of Molecular Sciences</i> , 2009, 10, 1729-1772.	4.1	342
16	Cardiac system bioenergetics: metabolic basis of the Frank-Starling law. <i>Journal of Physiology</i> , 2006, 571, 253-273.	2.9	212
17	Stable Isotope Tracing Uncovers Reduced <sup>13</sup> C-ATP Turnover and Metabolic Flux Through Mitochondrial-Linked Phosphotransfer Circuits in Aggressive Breast Cancer Cells. <i>Frontiers in Oncology</i> , 0, 12, .	2.8	4