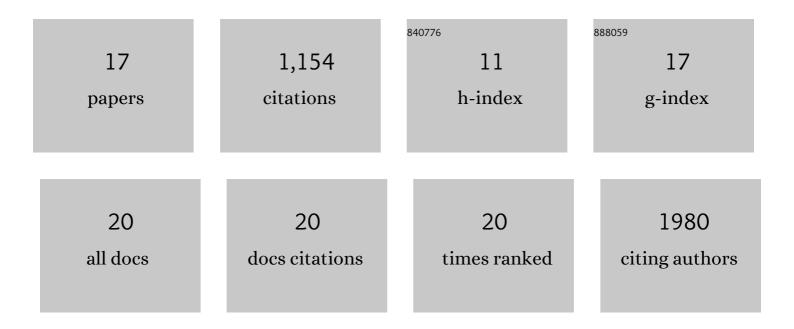
Petras Dzeja

List of Publications by Year in descending order

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DETDAS NZEIA

#	Article	IF	CITATIONS
1	Adenylate Kinase and AMP Signaling Networks: Metabolic Monitoring, Signal Communication and Body Energy Sensing. International Journal of Molecular Sciences, 2009, 10, 1729-1772.	4.1	342
2	Cardiac system bioenergetics: metabolic basis of the Frank-Starling law. Journal of Physiology, 2006, 571, 253-273.	2.9	212
3	Genetic Depletion of Adipocyte Creatine Metabolism Inhibits Diet-Induced Thermogenesis and Drives Obesity. Cell Metabolism, 2017, 26, 660-671.e3.	16.2	187
4	Ablation of adipocyte creatine transport impairs thermogenesis and causes diet-induced obesity. Nature Metabolism, 2019, 1, 360-370.	11.9	103
5	Modulation of Mitochondrial Complex I Activity Averts Cognitive Decline in Multiple Animal Models of Familial Alzheimer's Disease. EBioMedicine, 2015, 2, 294-305.	6.1	87
6	Adenylate Kinase and Metabolic Signaling in Cancer Cells. Frontiers in Oncology, 2020, 10, 660.	2.8	39
7	Partial inhibition of mitochondrial complex I ameliorates Alzheimer's disease pathology and cognition in APP/PS1 female mice. Communications Biology, 2021, 4, 61.	4.4	35
8	Dynamic phosphometabolomic profiling of human tissues and transgenic models by ¹⁸ O-assisted ³¹ P NMR and mass spectrometry. Physiological Genomics, 2012, 44, 386-402.	2.3	34
9	18O-assisted dynamic metabolomics for individualized diagnostics and treatment of human diseases. Croatian Medical Journal, 2012, 53, 529-534.	0.7	26
10	Metabolic assessment of a novel chronic myelogenous leukemic cell line and an imatinib resistant subline by 1H NMR spectroscopy. Metabolomics, 2010, 6, 439-450.	3.0	20
11	Decline of Phosphotransfer and Substrate Supply Metabolic Circuits Hinders ATP Cycling in Aging Myocardium. PLoS ONE, 2015, 10, e0136556.	2.5	15
12	Adenylate kinase AK2 isoform integral in embryo and adult heart homeostasis. Biochemical and Biophysical Research Communications, 2021, 546, 59-64.	2.1	12
13	31P NMR correlation maps of 18O/16O chemical shift isotopic effects for phosphometabolite labeling studies. Journal of Biomolecular NMR, 2011, 50, 237-245.	2.8	11
14	Gas chromatography-mass spectrometry based 180 stable isotope labeling of Krebs cycle intermediates. Analytica Chimica Acta, 2021, 1154, 338325.	5.4	8
15	Adenylate Kinase Isoform Network: A Major Hub in Cell Energetics and Metabolic Signaling. Springer Series in Biophysics, 2014, , 145-162.	0.4	6
16	Stable Isotope Tracing Uncovers Reduced γ/β-ATP Turnover and Metabolic Flux Through Mitochondrial-Linked Phosphotransfer Circuits in Aggressive Breast Cancer Cells. Frontiers in Oncology, 0, 12, .	2.8	4
17	Where Have the Fluxes Gone?. Journal of Biological Chemistry, 2010, 285, le21.	3.4	3