

Petras Dzeja

List of Publications by Year in descending order

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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 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
2	Cardiac system bioenergetics: metabolic basis of the Frank-Starling law. <i>Journal of Physiology</i> , 2006, 571, 253-273.	2.9	212
3	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
4	Ablation of adipocyte creatine transport impairs thermogenesis and causes diet-induced obesity. <i>Nature Metabolism</i> , 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. <i>EBioMedicine</i> , 2015, 2, 294-305.	6.1	87
6	Adenylate Kinase and Metabolic Signaling in Cancer Cells. <i>Frontiers in Oncology</i> , 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. <i>Communications Biology</i> , 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. <i>Physiological Genomics</i> , 2012, 44, 386-402.	2.3	34
9	^{18}O -assisted dynamic metabolomics for individualized diagnostics and treatment of human diseases. <i>Croatian Medical Journal</i> , 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. <i>Metabolomics</i> , 2010, 6, 439-450.	3.0	20
11	Decline of Phosphotransfer and Substrate Supply Metabolic Circuits Hinders ATP Cycling in Aging Myocardium. <i>PLoS ONE</i> , 2015, 10, e0136556.	2.5	15
12	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
13	^{31}P NMR correlation maps of $^{18}\text{O}/^{16}\text{O}$ chemical shift isotopic effects for phosphometabolite labeling studies. <i>Journal of Biomolecular NMR</i> , 2011, 50, 237-245.	2.8	11
14	Gas chromatography-mass spectrometry based ^{18}O stable isotope labeling of Krebs cycle intermediates. <i>Analytica Chimica Acta</i> , 2021, 1154, 338325.	5.4	8
15	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
16	Stable Isotope Tracing Uncovers Reduced $^{13}\text{C}/^{12}\text{C}$ -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
17	Where Have the Fluxes Gone?. <i>Journal of Biological Chemistry</i> , 2010, 285, 1e21.	3.4	3