

Eija Pirinen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

4,188
citations

25
h-index

43
g-index

43
ext. papers

4,920
ext. citations

10.8
avg, IF

5.27
L-index

#	Paper	IF	Citations
40	Preventing White Adipocyte Browning during Differentiation : The Effect of Differentiation Protocols on Metabolic and Mitochondrial Phenotypes.. <i>Stem Cells International</i> , 2022 , 2022, 3308194	5	
39	Mitochondrial bioenergetic pathways in blood leukocyte transcriptome decrease after intensive weight loss but are rescued following weight regain in female physique athletes. <i>FASEB Journal</i> , 2021 , 35, e21484	0.9	0
38	Niacin Cures Systemic NAD Deficiency and Improves Muscle Performance in Adult-Onset Mitochondrial Myopathy. <i>Cell Metabolism</i> , 2020 , 31, 1078-1090.e5	24.6	70
37	Tankyrase inhibition ameliorates lipid disorder via suppression of PGC-1 β PARylation in db/db mice. <i>International Journal of Obesity</i> , 2020 , 44, 1691-1702	5.5	12
36	Fibroblast Growth Factor 21 Drives Dynamics of Local and Systemic Stress Responses in Mitochondrial Myopathy with mtDNA Deletions. <i>Cell Metabolism</i> , 2019 , 30, 1040-1054.e7	24.6	69
35	The NAD-Booster Nicotinamide Riboside Potently Stimulates Hematopoiesis through Increased Mitochondrial Clearance. <i>Cell Stem Cell</i> , 2019 , 24, 405-418.e7	18	81
34	Nuclear factor E2-related factor 2 deficiency impairs atherosclerotic lesion development but promotes features of plaque instability in hypercholesterolaemic mice. <i>Cardiovascular Research</i> , 2019 , 115, 243-254	9.9	13
33	NAD repletion produces no therapeutic effect in mice with respiratory chain complex III deficiency and chronic energy deprivation. <i>FASEB Journal</i> , 2018 , 32, fj201800090R	0.9	14
32	Adipose tissue NAD-homeostasis, sirtuins and poly(ADP-ribose) polymerases -important players in mitochondrial metabolism and metabolic health. <i>Redox Biology</i> , 2017 , 12, 246-263	11.3	52
31	Fas cell surface death receptor controls hepatic lipid metabolism by regulating mitochondrial function. <i>Nature Communications</i> , 2017 , 8, 480	17.4	27
30	Weight Loss Is Associated With Increased NAD(+)/SIRT1 Expression But Reduced PARP Activity in White Adipose Tissue. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 1263-73	5.6	42
29	Obesity Is Associated With Low NAD(+)/SIRT Pathway Expression in Adipose Tissue of BMI-Discordant Monozygotic Twins. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 275-83	5.6	93
28	ARTD1-induced poly-ADP-ribose formation enhances PPAR α ligand binding and co-factor exchange. <i>Nucleic Acids Research</i> , 2015 , 43, 129-42	20.1	37
27	Roux-en-y gastric bypass attenuates hepatic mitochondrial dysfunction in mice with non-alcoholic steatohepatitis. <i>Gut</i> , 2015 , 64, 673-83	19.2	51
26	Evidence for a direct effect of the NAD+ precursor acipimox on muscle mitochondrial function in humans. <i>Diabetes</i> , 2015 , 64, 1193-201	0.9	74
25	Nicotinamide N-methyltransferase knockdown protects against diet-induced obesity. <i>Nature</i> , 2014 , 508, 258-62	50.4	300
24	Pharmacological Inhibition of poly(ADP-ribose) polymerases improves fitness and mitochondrial function in skeletal muscle. <i>Cell Metabolism</i> , 2014 , 19, 1034-41	24.6	175

23	Effective treatment of mitochondrial myopathy by nicotinamide riboside, a vitamin B3. <i>EMBO Molecular Medicine</i> , 2014 , 6, 721-31	12	265
22	NAD(+)-dependent activation of Sirt1 corrects the phenotype in a mouse model of mitochondrial disease. <i>Cell Metabolism</i> , 2014 , 19, 1042-9	24.6	241
21	The activation of hepatic and muscle polyamine catabolism improves glucose homeostasis. <i>Amino Acids</i> , 2012 , 42, 427-40	3.5	13
20	The NAD(+) precursor nicotinamide riboside enhances oxidative metabolism and protects against high-fat diet-induced obesity. <i>Cell Metabolism</i> , 2012 , 15, 838-47	24.6	732
19	Mitochondrial sirtuins and metabolic homeostasis. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2012 , 26, 759-70	6.5	42
18	Sirtuins as regulators of metabolism and healthspan. <i>Nature Reviews Molecular Cell Biology</i> , 2012 , 13, 225-238	48.7	1302
17	Muscle or liver-specific Sirt3 deficiency induces hyperacetylation of mitochondrial proteins without affecting global metabolic homeostasis. <i>Scientific Reports</i> , 2012 , 2, 425	4.9	107
16	In Vivo Modulation of Mitochondrial Activity Determines HSC Engraftment and Post-Transplant Survival in Mice. <i>Blood</i> , 2012 , 120, 213-213	2.2	
15	Continuous oxidative stress due to activation of polyamine catabolism accelerates aging and protects against hepatotoxic insults. <i>Transgenic Research</i> , 2011 , 20, 387-96	3.3	22
14	Transgenic rodents with altered SSAT expression as models of pancreatitis and altered glucose and lipid metabolism. <i>Methods in Molecular Biology</i> , 2011 , 720, 143-58	1.4	
13	Spermidine is indispensable in differentiation of 3T3-L1 fibroblasts to adipocytes. <i>Journal of Cellular and Molecular Medicine</i> , 2010 , 14, 1683-92	5.6	26
12	Activated polyamine catabolism leads to low cholesterol levels by enhancing bile acid synthesis. <i>Amino Acids</i> , 2010 , 38, 549-60	3.5	16
11	Transgenic animals modelling polyamine metabolism-related diseases. <i>Essays in Biochemistry</i> , 2009 , 46, 125-44	7.6	11
10	Enhanced polyamine catabolism alters homeostatic control of white adipose tissue mass, energy expenditure, and glucose metabolism. <i>Molecular and Cellular Biology</i> , 2007 , 27, 4953-67	4.8	96
9	Genetic manipulation of polyamine catabolism in rodents. <i>Journal of Biochemistry</i> , 2006 , 139, 155-60	3.1	38
8	Mice with targeted disruption of spermidine/spermine N1-acetyltransferase gene maintain nearly normal tissue polyamine homeostasis but show signs of insulin resistance upon aging. <i>Journal of Cellular and Molecular Medicine</i> , 2006 , 10, 815-827	5.6	2
7	Transcriptional targeting of virus-mediated gene transfer by the human hexokinase II promoter. <i>International Journal of Molecular Medicine</i> , 2006 , 18, 901	4.4	
6	Mice with targeted disruption of spermidine/spermine N1-acetyltransferase gene maintain nearly normal tissue polyamine homeostasis but show signs of insulin resistance upon aging. <i>Journal of Cellular and Molecular Medicine</i> , 2006 , 10, 933-45	5.6	37

5 Genetic Engineering of Polyamine Catabolism in Transgenic Mice and Rats **2006**, 465-477

4 Disturbed keratinocyte differentiation in transgenic mice and organotypic keratinocyte cultures as a result of spermidine/spermine N-acetyltransferase overexpression. *Journal of Investigative Dermatology*, **2005**, 124, 596-601 4.3 29

3 Animal disease models generated by genetic engineering of polyamine metabolism. *Journal of Cellular and Molecular Medicine*, **2005**, 9, 865-82 5.6 49

2 Analysis of the human hexokinase II promoter in vivo: lack of insulin response within 4.0 kb. *Biochimica Et Biophysica Acta Gene Regulatory Mechanisms*, **2004**, 1676, 149-54 3

1 Hexokinase II-deficient mice. Prenatal death of homozygotes without disturbances in glucose tolerance in heterozygotes. *Journal of Biological Chemistry*, **1999**, 274, 22517-23 5.4 47