

Paweł, Dobrzyński,

List of Publications by Year in descending order

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61
papers

2,475
citations

236833

25
h-index

197736

49
g-index

70
all docs

70
docs citations

70
times ranked

3178
citing authors

#	ARTICLE	IF	CITATIONS
1	CoA in Health and Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4371.	1.8	4
2	Induction of Glutathione Synthesis Provides Cardioprotection Regulating NO, AMPK and PPAR α Signaling in Ischemic Rat Hearts. <i>Life</i> , 2021, 11, 631.	1.1	1
3	Role of Perivascular Adipose Tissue-Derived Adiponectin in Vascular Homeostasis. <i>Cells</i> , 2021, 10, 1485.	1.8	26
4	Cardiac-specific β -catenin deletion dysregulates energetic metabolism and mitochondrial function in perinatal cardiomyocytes. <i>Mitochondrion</i> , 2021, 60, 59-69.	1.6	10
5	Interplay between Thyroid Hormones and Stearoyl-CoA Desaturase 1 in the Regulation of Lipid Metabolism in the Heart. <i>International Journal of Molecular Sciences</i> , 2021, 22, 109.	1.8	11
6	SCD1 regulates the AMPK/SIRT1 pathway and histone acetylation through changes in adenine nucleotide metabolism in skeletal muscle. <i>Journal of Cellular Physiology</i> , 2020, 235, 1129-1140.	2.0	32
7	Stearoyl-CoA Desaturase 1 Activity Determines the Maintenance of DNMT1-Mediated DNA Methylation Patterns in Pancreatic β -Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6844.	1.8	8
8	β -Catenin Regulates Cardiac Energy Metabolism in Sedentary and Trained Mice. <i>Life</i> , 2020, 10, 357.	1.1	8
9	Sphingolipid mediators of cell signaling and metabolism. , 2020, , 385-411.		1
10	Stearoyl-CoA Desaturase 1 as a Therapeutic Target for the Treatment of Cancer. <i>Cancers</i> , 2019, 11, 948.	1.7	148
11	Oleic acid increases the transcriptional activity of FoxO1 by promoting its nuclear translocation and β -catenin binding in pancreatic β -cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2753-2764.	1.8	9
12	A novel polymorphism in the fatty acid desaturase 2 gene (Fads2): A possible role in the basal metabolic rate. <i>PLoS ONE</i> , 2019, 14, e0213138.	1.1	4
13	Fat and Sugar – A Dangerous Duet. A Comparative Review on Metabolic Remodeling in Rodent Models of Nonalcoholic Fatty Liver Disease. <i>Nutrients</i> , 2019, 11, 2871.	1.7	14
14	Mitochondria and Reactive Oxygen Species in Aging and Age-Related Diseases. <i>International Review of Cell and Molecular Biology</i> , 2018, 340, 209-344.	1.6	208
15	Cardiospecific deletion of β -catenin leads to heart failure and lethality in mice. <i>Pflugers Archiv European Journal of Physiology</i> , 2018, 470, 1485-1499.	1.3	6
16	The role of stearoyl-CoA desaturase in the regulation of cardiac metabolism. <i>Postepy Biochemii</i> , 2018, 64, 183-189.	0.5	5
17	8-oxoguanine DNA glycosylase (OGG1) deficiency elicits coordinated changes in lipid and mitochondrial metabolism in muscle. <i>PLoS ONE</i> , 2017, 12, e0181687.	1.1	28
18	Omega-3 Fatty Acids Do Not Protect Against Arrhythmias in Acute Nonreperused Myocardial Infarction Despite Some Antiarrhythmic Effects. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 2570-2582.	1.2	7

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19	Adipose- and muscle-derived Wnts trigger pancreatic β -cell adaptation to systemic insulin resistance. <i>Scientific Reports</i> , 2016, 6, 31553.	1.6	37
20	Comparison of lipid profiles of <i>Malassezia pachydermatis</i> strains isolated from dogs with otitis externa and without clinical symptoms of disease. <i>Mycoses</i> , 2016, 59, 20-27.	1.8	7
21	Stearoyl-CoA desaturase 1 deficiency reduces lipid accumulation in the heart by activating lipolysis independently of peroxisome proliferator-activated receptor α . <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 2029-2037.	1.2	30
22	Regulation of cardiac metabolism and function by lipogenic factors. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2016, 70, 644-653.	0.1	6
23	Inhibition of SCD1 impairs palmitate-derived autophagy at the step of autophagosome-lysosome fusion in pancreatic β -cells. <i>Journal of Lipid Research</i> , 2015, 56, 1901-1911.	2.0	54
24	Metabolic reprogramming of the heart through stearoyl-CoA desaturase. <i>Progress in Lipid Research</i> , 2015, 57, 1-12.	5.3	42
25	ω -3 PUFA supplementation decreases nuclear factor κ B activity and attenuates pressure overload-induced cardiac dysfunction. <i>Postępy Nauk Medycznych</i> , 2015, 28, 426-432.	0.0	0
26	Stearoyl-CoA desaturase regulates inflammatory gene expression by changing DNA methylation level in 3T3 adipocytes. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 55, 40-50.	1.2	34
27	Expression of lipogenic genes is upregulated in the heart with exercise training-induced but not pressure overload-induced left ventricular hypertrophy. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 304, E1348-E1358.	1.8	47
28	Stearoyl-CoA Desaturase in the Control of Heart Metabolism. , 2013, , 85-101.		0
29	Stearoyl-CoA desaturase affects the level of global DNA methylation in 3T3L1 adipocytes. <i>FASEB Journal</i> , 2013, 27, 813.14.	0.2	0
30	Increased availability of endogenous and dietary oleic acid contributes to the upregulation of cardiac fatty acid oxidation. <i>Mitochondrion</i> , 2012, 12, 132-137.	1.6	16
31	Monounsaturated fatty acids are required for membrane translocation of protein kinase C- θ induced by lipid overload in skeletal muscle. <i>Molecular Membrane Biology</i> , 2012, 29, 309-320.	2.0	12
32	Fatty acid profile and influence of oxythiamine on fatty acid content in <i>Malassezia pachydermatis</i> , <i>Candida albicans</i> and <i>Saccharomyces cerevisiae</i> . <i>Mycoses</i> , 2012, 55, e106-13.	1.8	8
33	Stearoyl-CoA desaturase and insulin signaling – What is the molecular switch?. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 1189-1194.	0.5	68
34	Loss of stearoyl-CoA desaturase 1 rescues cardiac function in obese leptin-deficient mice. <i>Journal of Lipid Research</i> , 2010, 51, 2202-2210.	2.0	51
35	Endurance training-induced accumulation of muscle triglycerides is coupled to upregulation of stearoyl-CoA desaturase 1. <i>Journal of Applied Physiology</i> , 2010, 109, 1653-1661.	1.2	37
36	Testosterone affects hormone-sensitive lipase (HSL) activity and lipid metabolism in the left ventricle. <i>Biochemical and Biophysical Research Communications</i> , 2010, 399, 670-676.	1.0	22

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37	Novel substituted heteroaromatic compounds as inhibitors of stearoyl-CoA desaturase. <i>Expert Opinion on Therapeutic Patents</i> , 2010, 20, 849-853.	2.4	10
38	Photosynthetic pigments as indicators of phytoplankton development during spring and summer in Adventfjorden (Spitsbergen). <i>Oceanology</i> , 2009, 49, 368-376.	0.3	4
39	Stearoyl-CoA desaturase: A novel control point of lipid metabolism and insulin sensitivity. <i>European Journal of Lipid Science and Technology</i> , 2008, 110, 93-100.	1.0	22
40	Inhibition of stearoyl-CoA desaturase by cyclic amine derivatives. <i>Expert Opinion on Therapeutic Patents</i> , 2008, 18, 457-460.	2.4	3
41	Loss of stearoyl-CoA desaturase 1 inhibits fatty acid oxidation and increases glucose utilization in the heart. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 294, E357-E364.	1.8	61
42	Stearoyl-CoA desaturase: a new therapeutic target of liver steatosis. <i>Drug Development Research</i> , 2006, 67, 643-650.	1.4	17
43	Sedimentation of chlorophylls in an Arctic fjord under freshwater discharge. <i>Hydrobiologia</i> , 2005, 532, 1-8.	1.0	6
44	Stearoyl-CoA desaturase 1 deficiency increases insulin signaling and glycogen accumulation in brown adipose tissue. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 288, E381-E387.	1.8	72
45	Stearoyl-CoA desaturase-1 deficiency reduces ceramide synthesis by downregulating serine palmitoyltransferase and increasing β^2 -oxidation in skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 288, E599-E607.	1.8	134
46	Modification of thiamine pyrophosphate dependent enzyme activity by oxythiamine in <i>Saccharomyces cerevisiae</i> cells. <i>Canadian Journal of Microbiology</i> , 2005, 51, 833-839.	0.8	25
47	The <i>Xenopus</i> TACC Homologue, Maskin, Functions in Mitotic Spindle Assembly. <i>Molecular Biology of the Cell</i> , 2005, 16, 2836-2847.	0.9	61
48	Stearoyl-CoA Desaturase 1 Deficiency Increases CTP:Choline Cytidyltransferase Translocation into the Membrane and Enhances Phosphatidylcholine Synthesis in Liver. <i>Journal of Biological Chemistry</i> , 2005, 280, 23356-23362.	1.6	48
49	Polyunsaturated fatty acids do not activate AMP-activated protein kinase in mouse tissues. <i>Biochemical and Biophysical Research Communications</i> , 2005, 332, 892-896.	1.0	27
50	Lack of stearoyl-CoA desaturase 1 upregulates basal thermogenesis but causes hypothermia in a cold environment. <i>Journal of Lipid Research</i> , 2004, 45, 1674-1682.	2.0	110
51	Stearoyl-CoA desaturase 1 deficiency increases fatty acid oxidation by activating AMP-activated protein kinase in liver. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6409-6414.	3.3	356
52	Site and mechanism of leptin action in a rodent form of congenital lipodystrophy. <i>Journal of Clinical Investigation</i> , 2004, 113, 414-424.	3.9	94
53	Site and mechanism of leptin action in a rodent form of congenital lipodystrophy. <i>Journal of Clinical Investigation</i> , 2004, 113, 414-424.	3.9	158
54	Suicidal dephosphorylation of thiamine pyrophosphate coupled with pyruvate dehydrogenase complex. <i>Italian Journal of Biochemistry</i> , 2004, 53, 131-4.	0.3	1

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55	The effect of biochanin A on the chlorophylls and carotenoids content in the alga <i>Chlorella vulgaris</i> Beijerinck. <i>Acta Physiologiae Plantarum</i> , 2003, 25, 271-278.	1.0	3
56	Effect of oxythiamin on growth rate, survival ability and pyruvate decarboxylase activity in <i>Saccharomyces cerevisiae</i> . <i>Journal of Basic Microbiology</i> , 2003, 43, 522-529.	1.8	15
57	Stearoyl-CoA desaturase 1 deficiency elevates insulin-signaling components and down-regulates protein-tyrosine phosphatase 1B in muscle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 11110-11115.	3.3	168
58	Algal pigments in fast ice and under-ice water in an Arctic fjord. <i>Sarsia</i> , 2003, 88, 291-296.	0.5	5
59	Kinetic and spectral investigation of allosteric interaction of coenzymes with 2-oxo acid dehydrogenase complexes. <i>Journal of Molecular Structure</i> , 2002, 614, 221-226.	1.8	8
60	Hydrochemistry of Three Dystrophic Lakes in Northeastern Poland. <i>Clean - Soil, Air, Water</i> , 1999, 27, 12-18.	0.8	33
61	Regulatory Effect of Thiamin Pyrophosphate on Pig Heart Pyruvate Dehydrogenase Complex. <i>Biochemical and Biophysical Research Communications</i> , 1999, 256, 341-345.	1.0	20