

Piotr Zabielski

List of Publications by Year in descending order

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35
papers

866
citations

471509

17
h-index

501196

28
g-index

35
all docs

35
docs citations

35
times ranked

1333
citing authors

#	ARTICLE	IF	CITATIONS
1	Serum C18:1-Cer as a Potential Biomarker for Early Detection of Gestational Diabetes. <i>Journal of Clinical Medicine</i> , 2022, 11, 384.	2.4	9
2	CerS1 but Not CerS5 Gene Silencing, Improves Insulin Sensitivity and Glucose Uptake in Skeletal Muscle. <i>Cells</i> , 2022, 11, 206.	4.1	8
3	Serine Palmitoyltransferase Gene Silencing Prevents Ceramide Accumulation and Insulin Resistance in Muscles in Mice Fed a High-Fat Diet. <i>Cells</i> , 2022, 11, 1123.	4.1	3
4	Sphingolipids as a Culprit of Mitochondrial Dysfunction in Insulin Resistance and Type 2 Diabetes. <i>Frontiers in Endocrinology</i> , 2021, 12, 635175.	3.5	45
5	Proline oxidase silencing inhibits p53-dependent apoptosis in MCF-7 breast cancer cells. <i>Amino Acids</i> , 2021, 53, 1943-1956.	2.7	5
6	Adipose-Derived Exosomes as Possible Players in the Development of Insulin Resistance. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7427.	4.1	16
7	Aquaporins in insulin resistance and diabetes: More than channels!. <i>Redox Biology</i> , 2021, 44, 102027.	9.0	21
8	The development of cigarette smoke induced chronic pancreatitis in mice is associated with increased expression of K-Ras and NF- κ B. <i>Annals of Agricultural and Environmental Medicine</i> , 2021, , .	1.0	0
9	Metabolomic Profile of Skeletal Muscle and Its Change Under a Mixed-Mode Exercise Intervention in Progressively Dysglycemic Subjects. <i>Frontiers in Endocrinology</i> , 2021, 12, 778442.	3.5	2
10	Gender-related metabolic outcomes of laparoscopic sleeve gastrectomy in 6-month follow-up. <i>Wideochirurgia I Inne Techniki Maloinwazyjne</i> , 2020, 15, 148-156.	0.7	5
11	DNA methylation microarrays identify epigenetically regulated lipid related genes in obese patients with hypercholesterolemia. <i>Molecular Medicine</i> , 2020, 26, 93.	4.4	12
12	GPAT Gene Silencing in Muscle Reduces Diacylglycerols Content and Improves Insulin Action in Diet-Induced Insulin Resistance. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7369.	4.1	9
13	Ceramides Profile Identifies Patients with More Advanced Stages of Colorectal Cancer. <i>Biomolecules</i> , 2020, 10, 632.	4.0	12
14	The effect of high-fat diet and inhibition of ceramide production on insulin action in liver. <i>Journal of Cellular Physiology</i> , 2019, 234, 1851-1861.	4.1	30
15	Plasma concentration and expression of adipokines in epicardial and subcutaneous adipose tissue are associated with impaired left ventricular filling pattern. <i>Journal of Translational Medicine</i> , 2019, 17, 310.	4.4	29
16	The Impact of OMEGA-3 Fatty Acids Supplementation on Insulin Resistance and Content of Adipocytokines and Biologically Active Lipids in Adipose Tissue of High-Fat Diet Fed Rats. <i>Nutrients</i> , 2019, 11, 835.	4.1	35
17	Ceramide Content in Liver Increases Along with Insulin Resistance in Obese Patients. <i>Journal of Clinical Medicine</i> , 2019, 8, 2197.	2.4	15
18	Metformin treatment affects adipocytokine secretion and lipid composition in adipose tissues of diet-induced insulin-resistant rats. <i>Nutrition</i> , 2019, 63-64, 126-133.	2.4	14

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19	Inhibition of Ceramide De Novo Synthesis Affects Adipocytokine Secretion and Improves Systemic and Adipose Tissue Insulin Sensitivity. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3995.	4.1	31
20	The effect of high fat diet and metformin treatment on liver lipids accumulation and their impact on insulin action. <i>Scientific Reports</i> , 2018, 8, 7249.	3.3	44
21	Effect of metformin on bioactive lipid metabolism in insulin-resistant muscle. <i>Journal of Endocrinology</i> , 2017, 233, 329-340.	2.6	38
22	Effect of plasma free fatty acid supply on the rate of ceramide synthesis in different muscle types in the rat. <i>PLoS ONE</i> , 2017, 12, e0187136.	2.5	19
23	The Crucial Role of C18-Cer in Fat-Induced Skeletal Muscle Insulin Resistance. <i>Cellular Physiology and Biochemistry</i> , 2016, 40, 1207-1220.	1.6	61
24	LA and ALA prevent glucose intolerance in obese male rats without reducing reactive lipid content, but cause tissue-specific changes in fatty acid composition. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R619-R630.	1.8	20
25	Plasma C16-Cer levels are increased in patients with preterm labor. <i>Prostaglandins and Other Lipid Mediators</i> , 2016, 123, 40-45.	1.9	6
26	The liver-selective NO donor, V-PYRRO/NO, protects against liver steatosis and improves postprandial glucose tolerance in mice fed high fat diet. <i>Biochemical Pharmacology</i> , 2015, 93, 389-400.	4.4	34
27	Hepatoselective Nitric Oxide (NO) Donors, V-PYRRO/NO and V-PROLI/NO, in Nonalcoholic Fatty Liver Disease: A Comparison of Antisteatotic Effects with the Biotransformation and Pharmacokinetics. <i>Drug Metabolism and Disposition</i> , 2015, 43, 1028-1036.	3.3	17
28	Influence of fish oil on skeletal muscle mitochondrial energetics and lipid metabolites during high-fat diet. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 304, E1391-E1403.	3.5	116
29	Intramyocellular diacylglycerol concentrations and [U-13C]palmitate isotopic enrichment measured by LC/MS/MS. <i>Journal of Lipid Research</i> , 2013, 54, 1705-1711.	4.2	28
30	A liquid chromatography/tandem mass spectrometry method for measuring the <i>in vivo</i> incorporation of plasma free fatty acids into intramyocellular ceramides in humans. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 1134-1140.	1.5	78
31	The effect of high-fat diet on the sphingolipid pathway of signal transduction in regenerating rat liver. <i>Prostaglandins and Other Lipid Mediators</i> , 2010, 93, 75-83.	1.9	11
32	Activation of PPAR α by bezafibrate negatively affects de novo synthesis of sphingolipids in regenerating rat liver. <i>Prostaglandins and Other Lipid Mediators</i> , 2010, 93, 120-125.	1.9	15
33	Effect of high fat diet enriched with unsaturated and diet rich in saturated fatty acids on sphingolipid metabolism in rat skeletal muscle. <i>Journal of Cellular Physiology</i> , 2010, 225, 786-791.	4.1	57
34	Bezafibrate decreases growth stimulatory action of the sphingomyelin signaling pathway in regenerating rat liver. <i>Prostaglandins and Other Lipid Mediators</i> , 2008, 85, 17-25.	1.9	6
35	Partial hepatectomy activates production of the pro-mitotic intermediates of the sphingomyelin signal transduction pathway in the rat liver. <i>Prostaglandins and Other Lipid Mediators</i> , 2007, 83, 277-284.	1.9	15