

Piotr Zabielski

List of Publications by Year in descending order

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Version: 2024-02-01

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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Effect of metformin on bioactive lipid metabolism in insulin-resistant muscle. <i>Journal of Endocrinology</i> , 2017, 233, 329-340. | 2.6 | 38 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | Aquaporins in insulin resistance and diabetes: More than channels!. <i>Redox Biology</i> , 2021, 44, 102027. | 9.0 | 21 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | Ceramide Content in Liver Increases Along with Insulin Resistance in Obese Patients. <i>Journal of Clinical Medicine</i> , 2019, 8, 2197. | 2.4 | 15 |
| 22 | 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 |
| 23 | DNA methylation microarrays identify epigenetically regulated lipid related genes in obese patients with hypercholesterolemia. <i>Molecular Medicine</i> , 2020, 26, 93. | 4.4 | 12 |
| 24 | Ceramides Profile Identifies Patients with More Advanced Stages of Colorectal Cancer. <i>Biomolecules</i> , 2020, 10, 632. | 4.0 | 12 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | CerS1 but Not CerS5 Gene Silencing, Improves Insulin Sensitivity and Glucose Uptake in Skeletal Muscle. <i>Cells</i> , 2022, 11, 206. | 4.1 | 8 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | Proline oxidase silencing inhibits p53-dependent apoptosis in MCF-7 breast cancer cells. <i>Amino Acids</i> , 2021, 53, 1943-1956. | 2.7 | 5 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |