

# Jan GÅ³rski

## List of Publications by Year in descending order

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139  
papers

3,720  
citations

126907

33  
h-index

168389

53  
g-index

144  
all docs

144  
docs citations

144  
times ranked

4665  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Treadmill Running Changes Endothelial Lipase Expression: Insights from Gene and Protein Analysis in Various Striated Muscle Tissues and Serum. <i>Biomolecules</i> , 2021, 11, 906.   | 4.0 | 1         |
| 2  | The Gene and Protein Expression of the Main Components of the Lipolytic System in Human Myocardium and Heart Perivascular Adipose Tissue. Effect of Coronary Atherosclerosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 737. | 4.1 | 8         |
| 3  | 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        |
| 4  | 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        |
| 5  | Assessment of the Main Compounds of the Lipolytic System in Treadmill Running Rats: Different Response Patterns between the Right and Left Ventricle. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2556.                        | 4.1 | 4         |
| 6  | Muscle Lipid Metabolism. , 2019, , 271-284.   |     | 1         |
| 7  | 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        |
| 8  | Effect of atherosclerosis on the mRNA and protein expression of the main components of the lipolytic system in human myocardium. <i>Atherosclerosis</i> , 2018, 275, e150.  | 0.8 | 0         |
| 9  | 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        |
| 10 | Ceramide Transporter CERT Is Involved in Muscle Insulin Signaling Defects Under Lipotoxic Conditions. <i>Diabetes</i> , 2018, 67, 1258-1271.  | 0.6 | 27        |
| 11 | 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        |
| 12 | Non-ischemic heart preconditioning. <i>Journal of Physiology and Pharmacology</i> , 2018, 69, .   | 1.1 | 7         |
| 13 | Myriocin treatment affects lipid metabolism in skeletal muscles of rats with streptozotocin-induced type 1 diabetes. <i>Advances in Medical Sciences</i> , 2017, 62, 65-73.   | 2.1 | 14        |
| 14 | Effect of metformin on bioactive lipid metabolism in insulin-resistant muscle. <i>Journal of Endocrinology</i> , 2017, 233, 329-340.  | 2.6 | 38        |
| 15 | Changes in the Diaphragm Lipid Content after Administration of Streptozotocin and High-Fat Diet Regime. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-12.   | 2.3 | 5         |
| 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 | Liver X Receptor Agonist TO901317 Prevents Diacylglycerols Accumulation in the Heart of Streptozotocin-Diabetic Rats. <i>Cellular Physiology and Biochemistry</i> , 2016, 39, 350-359.  | 1.6 | 8         |
| 18 | Sustained Action of Ceramide on the Insulin Signaling Pathway in Muscle Cells: IMPLICATION OF THE DOUBLE-STRANDED RNA-ACTIVATED PROTEIN KINASE. <i>Journal of Biological Chemistry</i> , 2016, 291, 3019-3029.                                    | 3.4 | 52        |

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|----|--|-----|-----------|
| 19 | Expression of the energy substrate transporters in uterine fibroids. Prostaglandins and Other Lipid Mediators, 2016, 123, 9-15.  | 1.9 | 5         |
| 20 | Reduction of ceramide de novo synthesis in solid tissues changes sphingolipid levels in rat plasma, erythrocytes and platelets. Advances in Medical Sciences, 2016, 61, 72-77.   | 2.1 | 11        |
| 21 | Myocardial Lipid Profiling During Time Course of High Fat Diet and its Relationship to the Expression of Fatty Acid Transporters. Cellular Physiology and Biochemistry, 2015, 37, 1147-1158.   | 1.6 | 16        |
| 22 | Inhibition of Ceramide De Novo Synthesis Ameliorates Diet Induced Skeletal Muscles Insulin Resistance. Journal of Diabetes Research, 2015, 2015, 1-9.  | 2.3 | 36        |
| 23 | Exercise increases sphingoid base-1-phosphate levels in human blood and skeletal muscle in a time- and intensity-dependent manner. European Journal of Applied Physiology, 2015, 115, 993-1003.                                      | 2.5 | 27        |
| 24 | Effect of tachycardia on incorporation of palmitate into lipids and expression of plasmalemmal fatty acid transporters in the heart ventricles of the rat. Atherosclerosis, 2015, 241, e118.   | 0.8 | 0         |
| 25 | Effect of atrial pacing on the level of bioactive sphingolipids in the heart ventricles of the rat. Atherosclerosis, 2015, 241, e122-e123.   | 0.8 | 2         |
| 26 | Modest Decrease in Pgc1 $\beta$ Results in TAG Accumulation but not in Insulin Resistance in L6 Myotubes. Cellular Physiology and Biochemistry, 2015, 35, 1609-1622.   | 1.6 | 12        |
| 27 | LXR Agonist T0901317-Induced Hyperlipidemia Does Not Lead to Lipid Accumulation in the Rat Heart. Cellular Physiology and Biochemistry, 2015, 35, 1095-1106.   | 1.6 | 6         |
| 28 | Ultramarathon Run Markedly Reduces Plasma Sphingosine-1-phosphate Concentration. International Journal of Sport Nutrition and Exercise Metabolism, 2014, 24, 148-156.  | 2.1 | 15        |
| 29 | Inhibition of ceramide de novo synthesis reduces liver lipid accumulation in rats with nonalcoholic fatty liver disease. Liver International, 2014, 34, 1074-1083.   | 3.9 | 109       |
| 30 | Insulin-Sensitizing Effect of LXR Agonist T0901317 in High-Fat Fed Rats is Associated with Restored Muscle GLUT4 Expression and Insulin-Stimulated AS160 Phosphorylation. Cellular Physiology and Biochemistry, 2014, 33, 1047-1057. | 1.6 | 40        |
| 31 | Fiber Specific Changes in Sphingolipid Metabolism in Skeletal Muscles of Hyperthyroid Rats. Lipids, 2013, 48, 697-704.   | 1.7 | 7         |
| 32 | Sphingolipid Content in the Human Uterus and Pair-Matched Uterine Leiomyomas Remains Constant. Lipids, 2013, 48, 245-250.  | 1.7 | 2         |
| 33 | Mitochondrial Substrate Availability and Its Role in Lipid-Induced Insulin Resistance and Proinflammatory Signaling in Skeletal Muscle. Diabetes, 2013, 62, 3426-3436.   | 0.6 | 21        |
| 34 | Fatty acid transporters involved in the palmitate and oleate induced insulin resistance in primary rat hepatocytes. Acta Physiologica, 2013, 207, 346-357.   | 3.8 | 57        |
| 35 | Defining the role of DAG, mitochondrial function, and lipid deposition in palmitate-induced proinflammatory signaling and its counter-modulation by palmitoleate. Journal of Lipid Research, 2013, 54, 2366-2378.                    | 4.2 | 36        |
| 36 | Effects of Inhibition of Serine Palmitoyltransferase (SPT) and Sphingosine Kinase 1 (SphK1) on Palmitate Induced Insulin Resistance in L6 Myotubes. PLoS ONE, 2013, 8, e85547.   | 2.5 | 28        |

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|----|---|-----|-----------|
| 37 | CHANGE IN BLOOD GELSOLIN CONCENTRATION IN RESPONSE TO PHYSICAL EXERCISE. <i>Biology of Sport</i> , 2013, 30, 169-172.   | 3.2 | 5         |
| 38 | Reversed Glucose and Fatty Acids Transporter Expression in Human Endometrial Cancer. <i>Hormone and Metabolic Research</i> , 2012, 44, 436-441.   | 1.5 | 10        |
| 39 | Ceramide and Insulin Resistance: How Should the Issue Be Approached?. <i>Diabetes</i> , 2012, 61, 3081-3083.  | 0.6 | 18        |
| 40 | A Single Bout of Exercise Increases the Expression of Glucose but not Fatty Acid Transporters in Skeletal Muscle of IL6 KO Mice. <i>Lipids</i> , 2012, 47, 763-772.                                   | 1.7 | 24        |
| 41 | Increased Bioactive Lipids Content in Human Subcutaneous and Epicardial Fat Tissue Correlates with Insulin Resistance. <i>Lipids</i> , 2012, 47, 1131-1141.   | 1.7 | 53        |
| 42 | Myocardial infarction differentially alters sphingolipid levels in plasma, erythrocytes and platelets of the rat. <i>Basic Research in Cardiology</i> , 2012, 107, 294.                               | 5.9 | 57        |
| 43 | Not only accumulation, but also saturation status of intramuscular lipids is significantly affected by PPAR $\alpha$ activation. <i>Acta Physiologica</i> , 2012, 205, 145-158.                       | 3.8 | 27        |
| 44 | Ceramide metabolism is affected by obesity and diabetes in human adipose tissue. <i>Journal of Cellular Physiology</i> , 2012, 227, 550-557.  | 4.1 | 78        |
| 45 | Contamination of cereal products with lead and cadmium as a risk factor to health of the population in the province of podlasie (województwo podlaskie). <i>Journal of Elementology</i> , 2012, , .   | 0.2 | 3         |
| 46 | Heart Sphingolipids in Health and Disease. <i>Advances in Experimental Medicine and Biology</i> , 2011, 721, 41-56.   | 1.6 | 34        |
| 47 | LXR activation prevents exhaustive exercise-induced hypoglycaemia and spares muscle glycogen but does not enhance running endurance in untrained rats. <i>Acta Physiologica</i> , 2011, 201, 373-379. | 3.8 | 11        |
| 48 | Lack of downstream insulin-mimetic effects of visfatin/eNAMPT on glucose and fatty acid metabolism in skeletal muscles. <i>Acta Physiologica</i> , 2011, 202, 21-28.                                  | 3.8 | 13        |
| 49 | Exercise increases plasma levels of sphingoid base-1 phosphates in humans. <i>Acta Physiologica</i> , 2011, 203, 373-380.   | 3.8 | 46        |
| 50 | The influence of physical exercise on the generation of TGF- $\beta$ 1, PDGF-AA, and VEGF-A in adipose tissue. <i>European Journal of Applied Physiology</i> , 2011, 111, 875-881.                    | 2.5 | 16        |
| 51 | Aerobic Training in Rats Increases Skeletal Muscle Sphingomyelinase and Serine Palmitoyltransferase Activity, While Decreasing Ceramidase Activity. <i>Lipids</i> , 2011, 46, 229-238.                | 1.7 | 25        |
| 52 | High fat diet induces ceramide and sphingomyelin formation in rat's liver nuclei. <i>Molecular and Cellular Biochemistry</i> , 2010, 340, 125-131.  | 3.1 | 61        |
| 53 | Altered sphingolipid metabolism in human endometrial cancer. <i>Prostaglandins and Other Lipid Mediators</i> , 2010, 92, 62-66.   | 1.9 | 52        |
| 54 | 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        |

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|----|---|-----|-----------|
| 55 | Activation of PPAR $\alpha$ 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        |
| 56 | 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        |
| 57 | Myocardium of type 2 diabetic and obese patients is characterized by alterations in sphingolipid metabolic enzymes but not by accumulation of ceramide. <i>Journal of Lipid Research</i> , 2010, 51, 74-80. | 4.2 | 44        |
| 58 | AMP-activated Protein Kinase $\alpha$ 2 Subunit Is Required for the Preservation of Hepatic Insulin Sensitivity by n-3 Polyunsaturated Fatty Acids. <i>Diabetes</i> , 2010, 59, 2737-2746.                  | 0.6 | 74        |
| 59 | Effects of Streptozotocin-induced Diabetes and Elevation of Plasma FFA on Ceramide Metabolism in Rat Skeletal Muscle. <i>Hormone and Metabolic Research</i> , 2010, 42, 1-7.                                | 1.5 | 29        |
| 60 | Plasma gelsolin modulates cellular response to sphingosine 1-phosphate. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 299, C1516-C1523.   | 4.6 | 48        |
| 61 | Intrathecal increase of sphingosine 1-phosphate at early stage multiple sclerosis. <i>Neuroscience Letters</i> , 2010, 477, 149-152.  | 2.1 | 65        |
| 62 | 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.                   | 2.1 | 22        |
| 63 | Differential effects of chronic, in vivo, PPAR's stimulation on the myocardial subcellular redistribution of FAT/CD36 and FABPm. <i>FEBS Letters</i> , 2009, 583, 2527-2534.                                | 2.8 | 20        |
| 64 | Short-term effects of electrically induced tachycardia on antioxidant defenses in the normal and hypertrophied rat left ventricle. <i>Journal of Physiological Sciences</i> , 2009, 59, 199-206.            | 2.1 | 4         |
| 65 | n-3 Fatty acids and rosiglitazone improve insulin sensitivity through additive stimulatory effects on muscle glycogen synthesis in mice fed a high-fat diet. <i>Diabetologia</i> , 2009, 52, 941-951.       | 6.3 | 128       |
| 66 | Chronic, in vivo, PPAR $\alpha$ activation prevents lipid overload in rat liver induced by high fat feeding. <i>Advances in Medical Sciences</i> , 2009, 54, 59-65.   | 2.1 | 15        |
| 67 | Plasma sphingosine-1-phosphate concentration is reduced in patients with myocardial infarction. <i>Medical Science Monitor</i> , 2009, 15, CR490-3.   | 1.1 | 59        |
| 68 | Human skeletal muscle ceramide content is not a major factor in muscle insulin sensitivity. <i>Diabetologia</i> , 2008, 51, 1253-1260.  | 6.3 | 112       |
| 69 | Effect of exercise duration on the key pathways of ceramide metabolism in rat skeletal muscles. <i>Journal of Cellular Biochemistry</i> , 2008, 105, 776-784.   | 2.6 | 32        |
| 70 | Effect of exercise duration on ceramide metabolism in the rat heart. <i>Acta Physiologica</i> , 2008, 192, 519-529.   | 3.8 | 40        |
| 71 | 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         |
| 72 | Pioglitazone induces lipid accumulation in the rat heart despite concomitant reduction in plasma free fatty acid availability. <i>Archives of Biochemistry and Biophysics</i> , 2008, 477, 86-91.           | 3.0 | 17        |

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|----|---|-----|-----------|
| 73 | Protein-mediated Fatty Acid Uptake in the Heart. <i>Current Cardiology Reviews</i> , 2008, 4, 12-21.  | 1.5 | 30        |
| 74 | Effects of Castration and Testosterone Replacement on the Antioxidant Defense System in Rat Left Ventricle. <i>Journal of Physiological Sciences</i> , 2008, 58, 173-177.   | 2.1 | 50        |
| 75 | Evidence for concerted action of FAT/CD36 and FABPpm to increase fatty acid transport across the plasma membrane. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2007, 77, 345-353.               | 2.2 | 80        |
| 76 | Pioglitazone induces de novo ceramide synthesis in the rat heart. <i>Prostaglandins and Other Lipid Mediators</i> , 2007, 83, 99-111.   | 1.9 | 20        |
| 77 | 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        |
| 78 | Increased skeletal muscle ceramide level in men at risk of developing type 2 diabetes. <i>Diabetologia</i> , 2007, 50, 2366-2373.   | 6.3 | 175       |
| 79 | Hypoxia-induced fatty acid transporter translocation increases fatty acid transport and contributes to lipid accumulation in the heart. <i>FEBS Letters</i> , 2006, 580, 3617-3623.                               | 2.8 | 55        |
| 80 | The Effect of Endurance Training on Regional Serotonin Metabolism in the Brain During Early Stage of Detraining Period in the Female Rat. <i>Cellular and Molecular Neurobiology</i> , 2006, 26, 1325-1340.       | 3.3 | 26        |
| 81 | Regulation of fatty acid transport: from transcriptional to posttranscriptional effects. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2006, 373, 259-263.  | 3.0 | 11        |
| 82 | Relationship Between Insulin Sensitivity and Sphingomyelin Signaling Pathway in Human Skeletal Muscle. <i>Diabetes</i> , 2004, 53, 1215-1221.   | 0.6 | 219       |
| 83 | Effect of acute exercise and training on metabolism of ceramide in the heart muscle of the rat. <i>Acta Physiologica Scandinavica</i> , 2004, 181, 313-319.   | 2.2 | 20        |
| 84 | Exercise and training effects on ceramide metabolism in human skeletal muscle. <i>Experimental Physiology</i> , 2004, 89, 119-127.  | 2.0 | 70        |
| 85 | SHORT-TERM LOW-CARBOHYDRATE DIET DISSOCIATES LACTATE AND AMMONIA THRESHOLDS IN MEN. <i>Journal of Strength and Conditioning Research</i> , 2004, 18, 260-265.   | 2.1 | 1         |
| 86 | Short-Term Low-Carbohydrate Diet Dissociates Lactate and Ammonia Thresholds in Men. <i>Journal of Strength and Conditioning Research</i> , 2004, 18, 260.   | 2.1 | 13        |
| 87 | Additivity of adrenaline and contractions on hormone-sensitive lipase, but not on glycogen phosphorylase, in rat muscle. <i>Acta Physiologica Scandinavica</i> , 2003, 178, 51-60.                                | 2.2 | 24        |
| 88 | Effect of Acute Exercise on the Content of Free Sphinganine and Sphingosine in Different Skeletal Muscle Types of the Rat. <i>Hormone and Metabolic Research</i> , 2002, 34, 523-529.                             | 1.5 | 29        |
| 89 | Ceramides and sphingomyelins in skeletal muscles of the rat: content and composition. Effect of prolonged exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 282, E277-E285.  | 3.5 | 88        |
| 90 | The Sphingomyelinâ€œSignaling Pathway in Skeletal Muscles and Its Role in Regulation of Glucose Uptake. <i>Annals of the New York Academy of Sciences</i> , 2002, 967, 236-248.                                   | 3.8 | 26        |

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|-----|---|-----|-----------|
| 91  | Effect of sex and bezafibrate on incorporation of blood borne palmitate into lipids of rat liver nuclei. <i>Molecular and Cellular Biochemistry</i> , 2000, 214, 57-62.   | 3.1 | 4         |
| 92  | The effect of a single bout of exhaustive exercise on muscle carbohydrate and lipid metabolism in a rat model of type 2 diabetes mellitus. <i>Acta Diabetologica</i> , 2000, 37, 47-53.   | 2.5 | 17        |
| 93  | Diabetes Affects Phospholipid Content in the Nuclei of the Rat Liver. <i>Hormone and Metabolic Research</i> , 2000, 32, 386-389.  | 1.5 | 7         |
| 94  | Study of salivary response to continuous infusion of cerulein and secretin in healthy subjects. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2000, 89, 51-56.                                | 1.4 | 3         |
| 95  | Effect of Acute Streptozotocin Diabetes on Fatty Acid Content and Composition in Different Lipid Fractions of Rat Skeletal Muscle. <i>Hormone and Metabolic Research</i> , 1999, 31, 252-256.                                     | 1.5 | 6         |
| 96  | Effect of endurance training on the phospholipid content of skeletal muscles in the rat. <i>European Journal of Applied Physiology</i> , 1999, 79, 421-425.   | 2.5 | 25        |
| 97  | Characterization of free and glyceride-esterified long chain fatty acids in different skeletal muscle types of the rat. <i>Molecular and Cellular Biochemistry</i> , 1998, 178, 113-118.  | 3.1 | 42        |
| 98  | Long-chain fatty acid uptake by skeletal myocytes: a confocal laser scanning microscopy study. <i>Cellular and Molecular Life Sciences</i> , 1998, 54, 744-750.   | 5.4 | 3         |
| 99  | Glycogen content in the gastric mucosa of partially resected stomach; a possible relationship with the development of cancer. <i>Cancer Letters</i> , 1998, 127, 123-128.   | 7.2 | 6         |
| 100 | Thrombolytic therapy does not change the release ratios of enzymatic and non-enzymatic myocardial marker proteins. <i>Clinica Chimica Acta</i> , 1998, 272, 209-223.  | 1.1 | 11        |
| 101 | Effect of increased uptake of plasma fatty acids by the liver on lipid metabolism in the hepatocellular nuclei. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 1997, 57, 27-31.                                   | 2.2 | 4         |
| 102 | Palmitate incorporation into lipids pools of contracting red and white muscles. , 1997, 166, 73-83.   |     | 16        |
| 103 | The plasma borne free fatty acids rapidly enter the hepatocellular nuclei. <i>Life Sciences</i> , 1996, 59, 2209-2215.  | 4.3 | 4         |
| 104 | Adenosine deaminase activity in patients with the intestinal type of gastric carcinoma. <i>Cancer Letters</i> , 1996, 109, 199-202.   | 7.2 | 10        |
| 105 | Effect of exercise on glycogen metabolism in muscles of triiodothyronine-treated rats. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1996, 72-72, 496-501.  | 1.2 | 6         |
| 106 | Effect of Various Types of Exercise Training on 5â€²-Nucleotidase and Adenosine Deaminase Activities in Rat Heart: Influence of a Single Bout of Endurance Exercise. <i>Biochemical and Molecular Medicine</i> , 1996, 59, 28-32. | 1.4 | 19        |
| 107 | Effect of a low-carbohydrate diet on plasma and sweat ammonia concentrations during prolonged nonexhausting exercise. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1995, 70, 70-74.                | 1.2 | 21        |
| 108 | Adenosine deaminase activity in gastric cancer. <i>Cancer Letters</i> , 1994, 82, 95-98.  | 7.2 | 8         |

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|-----|--|-----|-----------|
| 109 | Metabolic adaptation to daily exercise of moderate intensity to exhaustion in the rat. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1993, 67, 77-82.              | 1.2 | 5         |
| 110 | Electrical stimulation partly reverses the muscle insulin resistance caused by tenotomy. <i>FEBS Letters</i> , 1993, 315, 183-186.   | 2.8 | 3         |
| 111 | Mucosal adenosine deaminase activity and gastric ulcer healing. <i>European Journal of Pharmacology</i> , 1993, 243, 301-303.  | 3.5 | 9         |
| 112 | Muscle triglyceride metabolism during exercise. <i>Canadian Journal of Physiology and Pharmacology</i> , 1992, 70, 123-131.  | 1.4 | 62        |
| 113 | Plasma ammonia is the principal source of ammonia in sweat. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1992, 65, 135-137.                                       | 1.2 | 33        |
| 114 | Adenosine Deaminase Activity in the Human Gastric Mucosa in Relation to Acid Secretion. <i>Digestion</i> , 1990, 45, 172-175.  | 2.3 | 10        |
| 115 | Effect of hyperglycaemia on muscle glycogen mobilization during muscle contractions in the rat. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1990, 61, 408-412.   | 1.2 | 3         |
| 116 | On the role of insulin in regulation of adenosine deaminase activity in rat tissues. <i>FEBS Letters</i> , 1990, 271, 79-80.   | 2.8 | 29        |
| 117 | Effect of Isoproterenol on the Plasma C-Peptide and Insulin Levels in Humans. <i>Hormone Research</i> , 1989, 31, 175-179.   | 1.8 | 1         |
| 118 | Effect of exposure to cold and fasting on the placental glycogen and triglyceride content in the rat. <i>Archives of Gynecology and Obstetrics</i> , 1989, 244, 151-155.                         | 1.7 | 3         |
| 119 | Epinephrine activation of heparin-nonreleasable lipoprotein lipase in 3 skeletal muscle fiber types of the rat. <i>Biochemical and Biophysical Research Communications</i> , 1989, 164, 615-619. | 2.1 | 19        |
| 120 | Effect of prolonged exercise on the level of triglycerides in the rat liver. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1988, 57, 554-557.                      | 1.2 | 14        |
| 121 | Regulation of glycogen metabolism in rat respiratory muscles during exercise. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1988, 58, 120-124.                     | 1.2 | 0         |
| 122 | Effect of colchicine on alkaline triglyceride lipase activity and triglyceride content in rat skeletal muscle. <i>Canadian Journal of Physiology and Pharmacology</i> , 1988, 66, 1555-1559.     | 1.4 | 4         |
| 123 | Glycogen and Triacylglycerol Concentrations in Gastric Mucosa in Patients with Diabetes Mellitus (Type I). <i>Hormone and Metabolic Research</i> , 1988, 20, 527-528.                            | 1.5 | 1         |
| 124 | Secretion and removal of insulin by diet. <i>American Journal of Clinical Nutrition</i> , 1987, 46, 976-979.   | 4.7 | 3         |
| 125 | Exercise during pregnancy: maternal and fetal responses. A brief review. <i>Medicine and Science in Sports and Exercise</i> , 1985, 17, 407-416.   | 0.4 | 51        |
| 126 | Urea excretion in sweat during short-term efforts of high intensity. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1985, 54, 416-419.                              | 1.2 | 4         |



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|-----|---|-----|-----------|
| 127 | The effect of increased respiratory resistance on glycogen and triglyceride levels in the respiratory muscles of the rat. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1985, 54, 432-435.        | 1.2 | 2         |
| 128 | Effect of fasting on skeletal muscle triglyceride content. <i>Experientia</i> , 1985, 41, 357-358.  | 1.2 | 19        |
| 129 | Incorporation of <sup>15</sup> N-leucine amine into ATP of fast-twitch muscle following stimulation. <i>Biochemical and Biophysical Research Communications</i> , 1985, 128, 1254-1260.   | 2.1 | 7         |
| 130 | In Vivo Effect of Insulin on the Glycogen Content in Different Skeletal Muscles of the Rat. <i>Hormone and Metabolic Research</i> , 1984, 16, 680-680.  | 1.5 | 1         |
| 131 | The Effect of Hormones on Lipoprotein Lipase Activity in Skeletal Muscles of the Rat. <i>Hormone and Metabolic Research</i> , 1982, 14, 189-191.  | 1.5 | 20        |
| 132 | The effect of beta-adrenergic receptor blockade on intramuscular glycogen mobilization during exercise in the rat. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1982, 48, 201-205.               | 1.2 | 16        |
| 133 | The post-exercise recovery of triglycerides in rat tissues. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1980, 45, 33-41.  | 1.2 | 23        |
| 134 | Effect of substrate supply and beta-adrenergic blockade on heart glycogen and triglyceride utilization during exercise in the rat. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1980, 43, 11-17. | 1.2 | 10        |
| 135 | Exercise-induced changes of reactivity of different types of muscle on glycogenolytic effect of adrenaline. <i>Pflugers Archiv European Journal of Physiology</i> , 1978, 373, 1-7.   | 2.8 | 23        |
| 136 | Effect of exercise on metabolism of glycogen and triglycerides in the respiratory muscles. <i>Pflugers Archiv European Journal of Physiology</i> , 1978, 377, 251-254.  | 2.8 | 24        |
| 137 | Effect of decreased availability of substrates on intramuscular triglyceride utilization during exercise. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1978, 40, 27-35.                          | 1.2 | 23        |
| 138 | Effect of beta-adrenergic blockade on intramuscular triglyceride mobilization during exercise. <i>Experientia</i> , 1978, 34, 357-358.  | 1.2 | 40        |
| 139 | Effect of stress stimuli on glycogen level in the rat uterus. <i>Archives of Gynecology</i> , 1978, 226, 247-250.   | 0.6 | 0         |