

Anna Krook

List of Publications by Year in descending order

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Version: 2024-02-01

125
papers

10,378
citations

30047

54
h-index

34964

98
g-index

133
all docs

133
docs citations

133
times ranked

14532
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Acute Exercise Remodels Promoter Methylation in Human Skeletal Muscle. <i>Cell Metabolism</i> , 2012, 15, 405-411. | 7.2 | 729 |
| 2 | Skeletal Muscle PGC-1 β Modulates Kynurenine Metabolism and Mediates Resilience to Stress-Induced Depression. <i>Cell</i> , 2014, 159, 33-45. | 13.5 | 581 |
| 3 | Non-CpG Methylation of the PGC-1 β Promoter through DNMT3B Controls Mitochondrial Density. <i>Cell Metabolism</i> , 2009, 10, 189-198. | 7.2 | 530 |
| 4 | TXNIP Regulates Peripheral Glucose Metabolism in Humans. <i>PLoS Medicine</i> , 2007, 4, e158. | 3.9 | 435 |
| 5 | Genetic Predisposition to an Impaired Metabolism of the Branched-Chain Amino Acids and Risk of Type 2 Diabetes: A Mendelian Randomisation Analysis. <i>PLoS Medicine</i> , 2016, 13, e1002179. | 3.9 | 324 |
| 6 | High-fat diet reprograms the epigenome of rat spermatozoa and transgenerationally affects metabolism of the offspring. <i>Molecular Metabolism</i> , 2016, 5, 184-197. | 3.0 | 317 |
| 7 | Insulin-Stimulated Phosphorylation of the Akt Substrate AS160 Is Impaired in Skeletal Muscle of Type 2 Diabetic Subjects. <i>Diabetes</i> , 2005, 54, 1692-1697. | 0.3 | 241 |
| 8 | Weight Loss after Gastric Bypass Surgery in Human Obesity Remodels Promoter Methylation. <i>Cell Reports</i> , 2013, 3, 1020-1027. | 2.9 | 236 |
| 9 | Transcriptomic profiling of skeletal muscle adaptations to exercise and inactivity. <i>Nature Communications</i> , 2020, 11, 470. | 5.8 | 235 |
| 10 | Impaired Processing of Prohormones Associated with Abnormalities of Glucose Homeostasis and Adrenal Function. <i>New England Journal of Medicine</i> , 1995, 333, 1386-1391. | 13.9 | 233 |
| 11 | Divergent effects of exercise on metabolic and mitogenic signaling pathways in human skeletal muscle. <i>FASEB Journal</i> , 1998, 12, 1379-1389. | 0.2 | 209 |
| 12 | Signaling Specificity of Interleukin-6 Action on Glucose and Lipid Metabolism in Skeletal Muscle. <i>Molecular Endocrinology</i> , 2006, 20, 3364-3375. | 3.7 | 206 |
| 13 | Regulation of Skeletal Muscle Physiology and Metabolism by Peroxisome Proliferator-Activated Receptor γ . <i>Pharmacological Reviews</i> , 2009, 61, 373-393. | 7.1 | 197 |
| 14 | Downregulation of Diacylglycerol Kinase Delta Contributes to Hyperglycemia-Induced Insulin Resistance. <i>Cell</i> , 2008, 132, 375-386. | 13.5 | 194 |
| 15 | Direct effects of FGF21 on glucose uptake in human skeletal muscle: implications for type 2 diabetes and obesity. <i>Diabetes/Metabolism Research and Reviews</i> , 2011, 27, 286-297. | 1.7 | 187 |
| 16 | siRNA-based gene silencing reveals specialized roles of IRS-1/Akt2 and IRS-2/Akt1 in glucose and lipid metabolism in human skeletal muscle. <i>Cell Metabolism</i> , 2006, 4, 89-96. | 7.2 | 180 |
| 17 | Interleukin-6 Directly Increases Glucose Metabolism in Resting Human Skeletal Muscle. <i>Diabetes</i> , 2007, 56, 1630-1637. | 0.3 | 166 |
| 18 | Role of AMP Kinase and PPAR α in the Regulation of Lipid and Glucose Metabolism in Human Skeletal Muscle. <i>Journal of Biological Chemistry</i> , 2007, 282, 19313-19320. | 1.6 | 157 |

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|----|--|-----|-----------|
| 19 | Altered miR-29 Expression in Type 2 Diabetes Influences Glucose and Lipid Metabolism in Skeletal Muscle. <i>Diabetes</i> , 2017, 66, 1807-1818. | 0.3 | 157 |
| 20 | Afternoon exercise is more efficacious than morning exercise at improving blood glucose levels in individuals with type 2 diabetes: a randomised crossover trial. <i>Diabetologia</i> , 2019, 62, 233-237. | 2.9 | 152 |
| 21 | Expression profiling of the β -subunit isoforms of AMP-activated protein kinase suggests a major role for β 3 in white skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 286, E194-E200. | 1.8 | 151 |
| 22 | Effect of Contraction on Mitogen-activated Protein Kinase Signal Transduction in Skeletal Muscle. <i>Journal of Biological Chemistry</i> , 2000, 275, 1457-1462. | 1.6 | 137 |
| 23 | Improved Glucose Tolerance Restores Insulin-Stimulated Akt Kinase Activity and Glucose Transport in Skeletal Muscle From Diabetic Goto-Kakizaki Rats. <i>Diabetes</i> , 1997, 46, 2110-2114. | 0.3 | 130 |
| 24 | Metabolic and mitogenic signal transduction in human skeletal muscle after intense cycling exercise. <i>Journal of Physiology</i> , 2003, 546, 327-335. | 1.3 | 128 |
| 25 | Glutamine Links Obesity to Inflammation in Human White Adipose Tissue. <i>Cell Metabolism</i> , 2020, 31, 375-390.e11. | 7.2 | 128 |
| 26 | Epigenetic flexibility in metabolic regulation: disease cause and prevention?. <i>Trends in Cell Biology</i> , 2013, 23, 203-209. | 3.6 | 127 |
| 27 | Sending the Signal: Molecular Mechanisms Regulating Glucose Uptake. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 1212-1217. | 0.2 | 125 |
| 28 | Direct Activation of Glucose Transport in Primary Human Myotubes After Activation of Peroxisome Proliferator-Activated Receptor α . <i>Diabetes</i> , 2005, 54, 1157-1163. | 0.3 | 122 |
| 29 | Altered DNA methylation of glycolytic and lipogenic genes in liver from obese and type 2 diabetic patients. <i>Molecular Metabolism</i> , 2016, 5, 171-183. | 3.0 | 115 |
| 30 | Autocrine role of interleukin-13 on skeletal muscle glucose metabolism in type 2 diabetic patients involves microRNA let-7. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E1359-E1366. | 1.8 | 105 |
| 31 | Role of interleukin-6 signalling in glucose and lipid metabolism. <i>Acta Physiologica</i> , 2008, 192, 37-48. | 1.8 | 101 |
| 32 | Circulating Exosomal miR-20b-5p Is Elevated in Type 2 Diabetes and Could Impair Insulin Action in Human Skeletal Muscle. <i>Diabetes</i> , 2019, 68, 515-526. | 0.3 | 99 |
| 33 | Marathon running increases ERK1/2 and p38 MAP kinase signalling to downstream targets in human skeletal muscle. <i>Journal of Physiology</i> , 2001, 536, 273-282. | 1.3 | 98 |
| 34 | Low-intensity exercise increases skeletal muscle protein expression of PPAR α and UCP3 in type 2 diabetic patients. <i>Diabetes/Metabolism Research and Reviews</i> , 2006, 22, 492-498. | 1.7 | 97 |
| 35 | Constitutive STAT3 Phosphorylation Contributes to Skeletal Muscle Insulin Resistance in Type 2 Diabetes. <i>Diabetes</i> , 2013, 62, 457-465. | 0.3 | 95 |
| 36 | Comparative profiling of skeletal muscle models reveals heterogeneity of transcriptome and metabolism. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 318, C615-C626. | 2.1 | 91 |

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|----|---|-----|-----------|
| 37 | Muscle fiber type specificity in insulin signal transduction. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 277, R1690-R1696. | 0.9 | 87 |
| 38 | ERK1/2 Mediates Insulin Stimulation of Na,K-ATPase by Phosphorylation of the Î±-Subunit in Human Skeletal Muscle Cells. Journal of Biological Chemistry, 2004, 279, 25211-25218. | 1.6 | 83 |
| 39 | Common Genetic Variation in the Human FNDC5 Locus, Encoding the Novel Muscle-Derived "Browning"™ Factor Irisin, Determines Insulin Sensitivity. PLoS ONE, 2013, 8, e61903. | 1.1 | 83 |
| 40 | Effects of sleeping with reduced carbohydrate availability on acute training responses. Journal of Applied Physiology, 2015, 119, 643-655. | 1.2 | 82 |
| 41 | siRNA-Mediated Reduction of Inhibitor of Nuclear Factor-Î±B Kinase Prevents Tumor Necrosis Factor-Î±-Induced Insulin Resistance in Human Skeletal Muscle. Diabetes, 2008, 57, 2066-2073. | 0.3 | 80 |
| 42 | Two Naturally Occurring Insulin Receptor Tyrosine Kinase Domain Mutants Provide Evidence That Phosphoinositide 3-Kinase Activation Alone Is Not Sufficient for the Mediation of Insulin's Metabolic and Mitogenic Effects. Journal of Biological Chemistry, 1997, 272, 30208-30214. | 1.6 | 79 |
| 43 | Mitochondrial regulators of fatty acid metabolism reflect metabolic dysfunction in type 2 diabetes mellitus. Metabolism: Clinical and Experimental, 2012, 61, 175-185. | 1.5 | 79 |
| 44 | Mutant insulin receptors in syndromes of insulin resistance. Bailliere's Clinical Endocrinology and Metabolism, 1996, 10, 97-122. | 1.0 | 70 |
| 45 | Malonyl CoenzymeA Decarboxylase Regulates Lipid and Glucose Metabolism in Human Skeletal Muscle. Diabetes, 2008, 57, 1508-1516. | 0.3 | 69 |
| 46 | A Cell-Autonomous Signature of Dysregulated Protein Phosphorylation Underlies Muscle Insulin Resistance in Type 2 Diabetes. Cell Metabolism, 2020, 32, 844-859.e5. | 7.2 | 68 |
| 47 | Transcriptional and Epigenetic Changes Influencing Skeletal Muscle Metabolism in Women With Polycystic Ovary Syndrome. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 4465-4477. | 1.8 | 66 |
| 48 | Insulin action in skeletal muscle from patients with NIDDM. Molecular and Cellular Biochemistry, 1998, 182, 153-160. | 1.4 | 65 |
| 49 | Suppression of 5'â€²-Nucleotidase Enzymes Promotes AMP-activated Protein Kinase (AMPK) Phosphorylation and Metabolism in Human and Mouse Skeletal Muscle. Journal of Biological Chemistry, 2011, 286, 34567-34574. | 1.6 | 65 |
| 50 | Altered promoter methylation of PDK4, IL1 B, IL6, and TNF after Roux-en Y gastric bypass. Surgery for Obesity and Related Diseases, 2014, 10, 671-678. | 1.0 | 62 |
| 51 | Relationship Between Serum Amyloid A Level and Tanis/SeIS mRNA Expression in Skeletal Muscle and Adipose Tissue From Healthy and Type 2 Diabetic Subjects. Diabetes, 2004, 53, 1424-1428. | 0.3 | 61 |
| 52 | Genetic Defects in Human Pericentrin Are Associated With Severe Insulin Resistance and Diabetes. Diabetes, 2011, 60, 925-935. | 0.3 | 61 |
| 53 | Exercise-associated differences in an array of proteins involved in signal transduction and glucose transport. Journal of Applied Physiology, 2001, 90, 29-34. | 1.2 | 55 |
| 54 | Insulin Signalling and Resistance in Patients with Chronic Heart Failure. Journal of Physiology, 2003, 550, 305-315. | 1.3 | 55 |

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|----|--|-----|-----------|
| 55 | MEF2 activation in differentiated primary human skeletal muscle cultures requires coordinated involvement of parallel pathways. <i>American Journal of Physiology - Cell Physiology</i> , 2004, 286, C1410-C1416. | 2.1 | 55 |
| 56 | Chloroquine Extends the Lifetime of the Activated Insulin Receptor Complex in Endosomes. <i>Journal of Biological Chemistry</i> , 1997, 272, 26833-26840. | 1.6 | 54 |
| 57 | Exercise and the Treatment of Diabetes and Obesity. <i>Endocrinology and Metabolism Clinics of North America</i> , 2008, 37, 887-903. | 1.2 | 51 |
| 58 | Altered Response of Skeletal Muscle to IL-6 in Type 2 Diabetic Patients. <i>Diabetes</i> , 2013, 62, 355-361. | 0.3 | 51 |
| 59 | Two Naturally Occurring Mutant Insulin Receptors Phosphorylate Insulin Receptor Substrate-1 (IRS-1) but Fail to Mediate the Biological Effects of Insulin. <i>Journal of Biological Chemistry</i> , 1996, 271, 7134-7140. | 1.6 | 49 |
| 60 | Endurance training increases stimulation of uncoupling of skeletal muscle mitochondria in humans by non-esterified fatty acids: an uncoupling-protein-mediated effect?. <i>Biochemical Journal</i> , 2000, 351, 805-810. | 1.7 | 49 |
| 61 | The ZBED6-IGF2 axis has a major effect on growth of skeletal muscle and internal organs in placental mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2048-E2057. | 3.3 | 48 |
| 62 | Effects of Nordic walking on cardiovascular risk factors in overweight individuals with type 2 diabetes, impaired or normal glucose tolerance. <i>Diabetes/Metabolism Research and Reviews</i> , 2013, 29, 25-32. | 1.7 | 47 |
| 63 | Disrupted circadian oscillations in type 2 diabetes are linked to altered rhythmic mitochondrial metabolism in skeletal muscle. <i>Science Advances</i> , 2021, 7, eabi9654. | 4.7 | 44 |
| 64 | Reduction of risk factors following lifestyle modification programme in subjects with type 2 (non-insulin dependent) diabetes mellitus. <i>Clinical Physiology and Functional Imaging</i> , 2003, 23, 21-30. | 0.5 | 41 |
| 65 | Endothelin-1 Reduces Glucose Uptake in Human Skeletal Muscle In Vivo and In Vitro. <i>Diabetes</i> , 2011, 60, 2061-2067. | 0.3 | 41 |
| 66 | Direct effects of exercise on kynurenine metabolism in people with normal glucose tolerance or type 2 diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2016, 32, 754-761. | 1.7 | 39 |
| 67 | The influence of culture media upon observed cell secretome metabolite profiles: The balance between cell viability and data interpretability. <i>Analytica Chimica Acta</i> , 2018, 1037, 338-350. | 2.6 | 38 |
| 68 | Regulation of glucose uptake and inflammation markers by FOXO1 and FOXO3 in skeletal muscle. <i>Molecular Metabolism</i> , 2019, 20, 79-88. | 3.0 | 37 |
| 69 | Effects of exercise on mitogen- and stress-activated kinase signal transduction in human skeletal muscle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000, 279, R1716-R1721. | 0.9 | 36 |
| 70 | Regulation of Glucose Uptake by Endothelin-1 in Human Skeletal Muscle <i>in Vivo</i> and <i>in Vitro</i> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 2359-2366. | 1.8 | 35 |
| 71 | Changes in Gene Expression in Responders and Nonresponders to a Low-Intensity Walking Intervention. <i>Diabetes Care</i> , 2015, 38, 1154-1160. | 4.3 | 34 |
| 72 | Exercise and the Treatment of Diabetes and Obesity. <i>Medical Clinics of North America</i> , 2011, 95, 953-969. | 1.1 | 33 |

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|----|--|-----|-----------|
| 73 | microManaging glucose and lipid metabolism in skeletal muscle: Role of microRNAs. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 2130-2138. | 1.2 | 33 |
| 74 | Exercise in vivo marks human myotubes in vitro: Training-induced increase in lipid metabolism. <i>PLoS ONE</i> , 2017, 12, e0175441. | 1.1 | 32 |
| 75 | Innate immune receptors in skeletal muscle metabolism. <i>Experimental Cell Research</i> , 2017, 360, 47-54. | 1.2 | 29 |
| 76 | Insulin and Glucose Alter Death-Associated Protein Kinase 3 (DAPK3) DNA Methylation in Human Skeletal Muscle. <i>Diabetes</i> , 2017, 66, 651-662. | 0.3 | 28 |
| 77 | RNA interference-mediated reduction in GLUT1 inhibits serum-induced glucose transport in primary human skeletal muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2003, 307, 127-132. | 1.0 | 26 |
| 78 | Prior serum- and AICAR-induced AMPK activation in primary human myocytes does not lead to subsequent increase in insulin-stimulated glucose uptake. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 287, E553-E557. | 1.8 | 26 |
| 79 | miRNA let-7 expression is regulated by glucose and TNF- α by a remote upstream promoter. <i>Biochemical Journal</i> , 2015, 472, 147-156. | 1.7 | 26 |
| 80 | Arginase inhibition reduces infarct size via nitric oxide, protein kinase C epsilon and mitochondrial ATP-dependent K ⁺ channels. <i>European Journal of Pharmacology</i> , 2013, 712, 16-21. | 1.7 | 25 |
| 81 | Secreted protein acidic and rich in cysteine (SPARC) improves glucose tolerance via AMP-activated protein kinase activation. <i>FASEB Journal</i> , 2019, 33, 10551-10562. | 0.2 | 25 |
| 82 | IL6 and LIF mRNA expression in skeletal muscle is regulated by AMPK and the transcription factors NFYC, ZBTB14, and SP1. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E995-E1004. | 1.8 | 23 |
| 83 | Glucocorticoid-mediated effects on metabolism are reversed by targeting 11 beta hydroxysteroid dehydrogenase type 1 in human skeletal muscle. <i>Diabetes/Metabolism Research and Reviews</i> , 2009, 25, 250-258. | 1.7 | 22 |
| 84 | Differential expression of metabolic genes essential for glucose and lipid metabolism in skeletal muscle from spinal cord injured subjects. <i>Journal of Applied Physiology</i> , 2011, 110, 1204-1210. | 1.2 | 21 |
| 85 | TWIST1 and TWIST2 regulate glycogen storage and inflammatory genes in skeletal muscle. <i>Journal of Endocrinology</i> , 2015, 224, 303-313. | 1.2 | 21 |
| 86 | Impaired phosphocreatine metabolism in white adipocytes promotes inflammation. <i>Nature Metabolism</i> , 2022, 4, 190-202. | 5.1 | 21 |
| 87 | FAK tyrosine phosphorylation is regulated by AMPK and controls metabolism in human skeletal muscle. <i>Diabetologia</i> , 2018, 61, 424-432. | 2.9 | 20 |
| 88 | Influence of obesity, weight loss, and free fatty acids on skeletal muscle clock gene expression. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E1-E10. | 1.8 | 20 |
| 89 | Branched-chain amino acid metabolism is regulated by ERR α in primary human myotubes and is further impaired by glucose loading in type 2 diabetes. <i>Diabetologia</i> , 2021, 64, 2077-2091. | 2.9 | 20 |
| 90 | Endurance exercise training-responsive miR-19b-3p improves skeletal muscle glucose metabolism. <i>Nature Communications</i> , 2021, 12, 5948. | 5.8 | 20 |

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|-----|---|-----|-----------|
| 91 | Altered content of AMP-activated protein kinase isoforms in skeletal muscle from spinal cord injured subjects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E1071-E1080. | 1.8 | 19 |
| 92 | Strenuous physical exercise adversely affects monocyte chemotaxis. <i>Thrombosis and Haemostasis</i> , 2011, 105, 122-130. | 1.8 | 17 |
| 93 | AMPK activation negatively regulates GDAP1, which influences metabolic processes and circadian gene expression in skeletal muscle. <i>Molecular Metabolism</i> , 2018, 16, 12-23. | 3.0 | 17 |
| 94 | Temporal analysis of reciprocal miRNA-mRNA expression patterns predicts regulatory networks during differentiation in human skeletal muscle cells. <i>Physiological Genomics</i> , 2015, 47, 45-57. | 1.0 | 16 |
| 95 | Discovery of thymosin β 4 as a human exercine and growth factor. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 321, C770-C778. | 2.1 | 16 |
| 96 | Endurance training increases stimulation of uncoupling of skeletal muscle mitochondria in humans by non-esterified fatty acids: an uncoupling-protein-mediated effect?. <i>Biochemical Journal</i> , 2000, 351, 805. | 1.7 | 15 |
| 97 | Modified UCN2 Peptide Acts as an Insulin Sensitizer in Skeletal Muscle of Obese Mice. <i>Diabetes</i> , 2019, 68, 1403-1414. | 0.3 | 15 |
| 98 | Paternal high-fat diet transgenerationally impacts hepatic immunometabolism. <i>FASEB Journal</i> , 2019, 33, 6269-6280. | 0.2 | 15 |
| 99 | Effect of Serum Replacement with Plysate on Cell Growth and Metabolism in Primary Cultures of Human Skeletal Muscle. <i>Cytotechnology</i> , 2005, 48, 89-95. | 0.7 | 14 |
| 100 | Diurnal Regulation of Peripheral Glucose Metabolism: Potential Effects of Exercise Timing. <i>Obesity</i> , 2020, 28, S38-S45. | 1.5 | 14 |
| 101 | Glutamine Regulates Skeletal Muscle Immunometabolism in Type 2 Diabetes. <i>Diabetes</i> , 2022, 71, 624-636. | 0.3 | 14 |
| 102 | Targeting adipose tissue angiogenesis to enhance insulin sensitivity. <i>Diabetologia</i> , 2012, 55, 2562-2564. | 2.9 | 13 |
| 103 | Electroacupuncture Mimics Exercise-Induced Changes in Skeletal Muscle Gene Expression in Women With Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 2027-2041. | 1.8 | 13 |
| 104 | Three weeks of interrupting sitting lowers fasting glucose and glycemic variability, but not glucose tolerance, in free-living women and men with obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 321, E203-E216. | 1.8 | 13 |
| 105 | IL-6 and metabolism—new evidence and new questions. <i>Diabetologia</i> , 2008, 51, 1097-1099. | 2.9 | 12 |
| 106 | Influence of physical activity and gender on arterial function in type 2 diabetes, normal and impaired glucose tolerance. <i>Diabetes and Vascular Disease Research</i> , 2015, 12, 315-324. | 0.9 | 12 |
| 107 | Grandpaternal-induced transgenerational dietary reprogramming of the unfolded protein response in skeletal muscle. <i>Molecular Metabolism</i> , 2017, 6, 621-630. | 3.0 | 12 |
| 108 | Gene expression of the p85 β regulatory subunit of phosphatidylinositol 3-kinase in skeletal muscle from type 2 diabetic subjects. <i>Pflügers Archiv European Journal of Physiology</i> , 2002, 445, 25-31. | 1.3 | 10 |

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|-----|--|-----|-----------|
| 109 | Phosphorylation of the Na ⁺ ,K ⁺ -ATPase in Skeletal Muscle. <i>Annals of the New York Academy of Sciences</i> , 2003, 986, 449-452. | 1.8 | 9 |
| 110 | Can the liver X receptor work its magic in skeletal muscle too?. <i>Diabetologia</i> , 2006, 49, 819-821. | 2.9 | 9 |
| 111 | Enhanced glucose metabolism in cultured human skeletal muscle after Roux-en-Y gastric bypass surgery. <i>Surgery for Obesity and Related Diseases</i> , 2015, 11, 592-601. | 1.0 | 9 |
| 112 | Adiposity Is a Key Correlate of Circulating Fibroblast Growth Factor-21 Levels in African Males with or without Type 2 Diabetes Mellitus. <i>Journal of Obesity</i> , 2018, 2018, 1-8. | 1.1 | 9 |
| 113 | Skeletal Muscle microRNAs: Roles in Differentiation, Disease and Exercise. <i>Research and Perspectives in Endocrine Interactions</i> , 2017, , 67-81. | 0.2 | 9 |
| 114 | Evidence against high glucose as a mediator of ERK1/2 or p38 MAPK phosphorylation in rat skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 281, E1255-E1259. | 1.8 | 8 |
| 115 | Lowering apolipoprotein CIII protects against high-fat diet-induced metabolic derangements. <i>Science Advances</i> , 2021, 7, . | 4.7 | 8 |
| 116 | Specificity of insulin signalling in human skeletal muscle as revealed by small interfering RNA. <i>Diabetologia</i> , 2009, 52, 1231-1239. | 2.9 | 7 |
| 117 | One step forward for exercise. <i>Nature Reviews Endocrinology</i> , 2016, 12, 7-8. | 4.3 | 7 |
| 118 | Retained differentiation capacity of human skeletal muscle satellite cells from spinal cord-injured individuals. <i>Physiological Reports</i> , 2018, 6, e13739. | 0.7 | 5 |
| 119 | Changes in Vitamin D Status in Overweight Middle-Aged Adults with or without Impaired Glucose Metabolism in Two Consecutive Nordic Summers. <i>Journal of Nutrition and Metabolism</i> , 2019, 2019, 1-8. | 0.7 | 5 |
| 120 | Quantitative phosphoproteomic analysis of IRS1 in skeletal muscle from men with normal glucose tolerance or type 2 diabetes: A case-control study. <i>Metabolism: Clinical and Experimental</i> , 2021, 118, 154726. | 1.5 | 5 |
| 121 | A balancing act of optimising insulin dose and insulin sensitivity in type 1 diabetes. <i>Journal of Endocrinology</i> , 2011, 211, 1-2. | 1.2 | 3 |
| 122 | Contractin-Mediated Glucose Uptake: A Central Role for Rac1. <i>Diabetes</i> , 2013, 62, 1024-1025. | 0.3 | 3 |
| 123 | Maternal obesity legacy: exercise it away!. <i>Diabetologia</i> , 2016, 59, 5-8. | 2.9 | 3 |
| 124 | Skeletal muscle AMP kinase as a target to prevent pathogenesis of Type 2 diabetes. <i>Expert Review of Endocrinology and Metabolism</i> , 2007, 2, 477-485. | 1.2 | 1 |
| 125 | Time to Look Back and to Look Forward. <i>Diabetes</i> , 2014, 63, 1169-1170. | 0.3 | 0 |