

# Anna Krook

## List of Publications by Citations

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125  
papers

8,038  
citations

49  
h-index

88  
g-index

133  
ext. papers

9,273  
ext. citations

8.1  
avg, IF

5.72  
L-index

#	Paper	IF	Citations
125	Acute exercise remodels promoter methylation in human skeletal muscle. <i>Cell Metabolism</i> , <b>2012</b> , 15, 405-11	24.6	586
124	Non-CpG methylation of the PGC-1alpha promoter through DNMT3B controls mitochondrial density. <i>Cell Metabolism</i> , <b>2009</b> , 10, 189-98	24.6	463
123	Skeletal muscle PGC-1 $\alpha$ modulates kynurenine metabolism and mediates resilience to stress-induced depression. <i>Cell</i> , <b>2014</b> , 159, 33-45	56.2	453
122	TXNIP regulates peripheral glucose metabolism in humans. <i>PLoS Medicine</i> , <b>2007</b> , 4, e158	11.6	336
121	High-fat diet reprograms the epigenome of rat spermatozoa and transgenerationally affects metabolism of the offspring. <i>Molecular Metabolism</i> , <b>2016</b> , 5, 184-197	8.8	217
120	Insulin-stimulated phosphorylation of the Akt substrate AS160 is impaired in skeletal muscle of type 2 diabetic subjects. <i>Diabetes</i> , <b>2005</b> , 54, 1692-7	0.9	214
119	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> , <b>2016</b> , 13, e1002179	11.6	214
118	Divergent effects of exercise on metabolic and mitogenic signaling pathways in human skeletal muscle. <i>FASEB Journal</i> , <b>1998</b> , 12, 1379-89	0.9	194
117	Brief report: impaired processing of prohormones associated with abnormalities of glucose homeostasis and adrenal function. <i>New England Journal of Medicine</i> , <b>1995</b> , 333, 1386-90	59.2	193
116	Weight loss after gastric bypass surgery in human obesity remodels promoter methylation. <i>Cell Reports</i> , <b>2013</b> , 3, 1020-7	10.6	192
115	Signaling specificity of interleukin-6 action on glucose and lipid metabolism in skeletal muscle. <i>Molecular Endocrinology</i> , <b>2006</b> , 20, 3364-75		176
114	Downregulation of diacylglycerol kinase delta contributes to hyperglycemia-induced insulin resistance. <i>Cell</i> , <b>2008</b> , 132, 375-86	56.2	174
113	Regulation of skeletal muscle physiology and metabolism by peroxisome proliferator-activated receptor delta. <i>Pharmacological Reviews</i> , <b>2009</b> , 61, 373-93	22.5	169
112	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> , <b>2006</b> , 4, 89-96	24.6	164
111	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> , <b>2011</b> , 27, 286-97	7.5	155
110	Role of AMP kinase and PPARdelta in the regulation of lipid and glucose metabolism in human skeletal muscle. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 19313-20	5.4	141
109	Interleukin-6 directly increases glucose metabolism in resting human skeletal muscle. <i>Diabetes</i> , <b>2007</b> , 56, 1630-7	0.9	141

108	Expression profiling of the gamma-subunit isoforms of AMP-activated protein kinase suggests a major role for gamma3 in white skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2004</b> , 286, E194-200	6	137
107	Effect of contraction on mitogen-activated protein kinase signal transduction in skeletal muscle. Involvement Of the mitogen- and stress-activated protein kinase 1. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 1457-62	5.4	122
106	Improved glucose tolerance restores insulin-stimulated Akt kinase activity and glucose transport in skeletal muscle from diabetic Goto-Kakizaki rats. <i>Diabetes</i> , <b>1997</b> , 46, 2110-4	0.9	118
105	Metabolic and mitogenic signal transduction in human skeletal muscle after intense cycling exercise. <i>Journal of Physiology</i> , <b>2003</b> , 546, 327-35	3.9	115
104	Direct activation of glucose transport in primary human myotubes after activation of peroxisome proliferator-activated receptor delta. <i>Diabetes</i> , <b>2005</b> , 54, 1157-63	0.9	110
103	Transcriptomic profiling of skeletal muscle adaptations to exercise and inactivity. <i>Nature Communications</i> , <b>2020</b> , 11, 470	17.4	108
102	Epigenetic flexibility in metabolic regulation: disease cause and prevention?. <i>Trends in Cell Biology</i> , <b>2013</b> , 23, 203-9	18.3	106
101	Sending the signal: molecular mechanisms regulating glucose uptake. <i>Medicine and Science in Sports and Exercise</i> , <b>2004</b> , 36, 1212-7	1.2	106
100	Altered miR-29 Expression in Type 2 Diabetes Influences Glucose and Lipid Metabolism in Skeletal Muscle. <i>Diabetes</i> , <b>2017</b> , 66, 1807-1818	0.9	105
99	Low-intensity exercise increases skeletal muscle protein expression of PPARdelta and UCP3 in type 2 diabetic patients. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2006</b> , 22, 492-8	7.5	87
98	Role of interleukin-6 signalling in glucose and lipid metabolism. <i>Acta Physiologica</i> , <b>2008</b> , 192, 37-48	5.6	86
97	Marathon running increases ERK1/2 and p38 MAP kinase signalling to downstream targets in human skeletal muscle. <i>Journal of Physiology</i> , <b>2001</b> , 536, 273-82	3.9	85
96	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> , <b>2013</b> , 305, E1359-66	6	84
95	ERK1/2 mediates insulin stimulation of Na(+),K(+)-ATPase by phosphorylation of the alpha-subunit in human skeletal muscle cells. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 25211-8	5.4	75
94	Altered DNA methylation of glycolytic and lipogenic genes in liver from obese and type 2 diabetic patients. <i>Molecular Metabolism</i> , <b>2016</b> , 5, 171-183	8.8	74
93	Constitutive STAT3 phosphorylation contributes to skeletal muscle insulin resistance in type 2 diabetes. <i>Diabetes</i> , <b>2013</b> , 62, 457-65	0.9	74
92	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> , <b>2019</b> , 62, 233-237	10.3	72
91	siRNA-mediated reduction of inhibitor of nuclear factor-kappaB kinase prevents tumor necrosis factor-alpha-induced insulin resistance in human skeletal muscle. <i>Diabetes</i> , <b>2008</b> , 57, 2066-73	0.9	71

90	Common genetic variation in the human FNDC5 locus, encoding the novel muscle-derived Browning factor irisin, determines insulin sensitivity. <i>PLoS ONE</i> , <b>2013</b> , 8, e61903	3.7	71
89	Effects of sleeping with reduced carbohydrate availability on acute training responses. <i>Journal of Applied Physiology</i> , <b>2015</b> , 119, 643-55	3.7	68
88	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. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 30208-14	5.4	67
87	Mitochondrial regulators of fatty acid metabolism reflect metabolic dysfunction in type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , <b>2012</b> , 61, 175-85	12.7	66
86	Insulin action in skeletal muscle from patients with NIDDM. <i>Molecular and Cellular Biochemistry</i> , <b>1998</b> , 182, 153-160	4.2	62
85	Malonyl Coenzyme A decarboxylase regulates lipid and glucose metabolism in human skeletal muscle. <i>Diabetes</i> , <b>2008</b> , 57, 1508-16	0.9	62
84	Muscle fiber type specificity in insulin signal transduction. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>1999</b> , 277, R1690-6	3.2	61
83	Mutant insulin receptors in syndromes of insulin resistance. <i>Baillieres Clinical Endocrinology and Metabolism</i> , <b>1996</b> , 10, 97-122		57
82	Glutamine Links Obesity to Inflammation in Human White Adipose Tissue. <i>Cell Metabolism</i> , <b>2020</b> , 31, 375-390.e11	24.6	56
81	Circulating Exosomal miR-20b-5p Is Elevated in Type 2 Diabetes and Could Impair Insulin Action in Human Skeletal Muscle. <i>Diabetes</i> , <b>2019</b> , 68, 515-526	0.9	54
80	MEF2 activation in differentiated primary human skeletal muscle cultures requires coordinated involvement of parallel pathways. <i>American Journal of Physiology - Cell Physiology</i> , <b>2004</b> , 286, C1410-6	5.4	53
79	Altered promoter methylation of PDK4, IL1 B, IL6, and TNF after Roux-en Y gastric bypass. <i>Surgery for Obesity and Related Diseases</i> , <b>2014</b> , 10, 671-8	3	52
78	Exercise-associated differences in an array of proteins involved in signal transduction and glucose transport. <i>Journal of Applied Physiology</i> , <b>2001</b> , 90, 29-34	3.7	51
77	Relationship between serum amyloid A level and Tanis/SelS mRNA expression in skeletal muscle and adipose tissue from healthy and type 2 diabetic subjects. <i>Diabetes</i> , <b>2004</b> , 53, 1424-8	0.9	50
76	Suppression of 5Rnucleotidase enzymes promotes AMP-activated protein kinase (AMPK) phosphorylation and metabolism in human and mouse skeletal muscle. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 34567-74	5.4	48
75	Chloroquine extends the lifetime of the activated insulin receptor complex in endosomes. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 26833-40	5.4	47
74	Insulin signalling and resistance in patients with chronic heart failure. <i>Journal of Physiology</i> , <b>2003</b> , 550, 305-15	3.9	47
73	Comparative profiling of skeletal muscle models reveals heterogeneity of transcriptome and metabolism. <i>American Journal of Physiology - Cell Physiology</i> , <b>2020</b> , 318, C615-C626	5.4	46

72	Genetic defects in human pericentrin are associated with severe insulin resistance and diabetes. <i>Diabetes</i> , <b>2011</b> , 60, 925-35	0.9	44
71	Altered response of skeletal muscle to IL-6 in type 2 diabetic patients. <i>Diabetes</i> , <b>2013</b> , 62, 355-61	0.9	43
70	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> , <b>2000</b> , 351, 805-810	3.8	42
69	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> , <b>2013</b> , 29, 25-32	7.5	40
68	Two naturally occurring mutant insulin receptors phosphorylate insulin receptor substrate-1 (IRS-1) but fail to mediate the biological effects of insulin. Evidence that IRS-1 phosphorylation is not sufficient for normal insulin action. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 7134-40	5.4	39
67	Transcriptional and Epigenetic Changes Influencing Skeletal Muscle Metabolism in Women With Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 4465-4477	5.6	35
66	Endothelin-1 reduces glucose uptake in human skeletal muscle in vivo and in vitro. <i>Diabetes</i> , <b>2011</b> , 60, 2061-7	0.9	34
65	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> , <b>2003</b> , 23, 21-30	2.4	32
64	Regulation of glucose uptake by endothelin-1 in human skeletal muscle in vivo and in vitro. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2010</b> , 95, 2359-66	5.6	30
63	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> , <b>2000</b> , 279, R1716-21	3.2	29
62	Direct effects of exercise on kynurenine metabolism in people with normal glucose tolerance or type 2 diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2016</b> , 32, 754-761	7.5	29
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> , <b>2018</b> , 115, E2048-E2057	11.5	28
60	Changes in gene expression in responders and nonresponders to a low-intensity walking intervention. <i>Diabetes Care</i> , <b>2015</b> , 38, 1154-60	14.6	27
59	Exercise and the treatment of diabetes and obesity. <i>Medical Clinics of North America</i> , <b>2011</b> , 95, 953-69	7	27
58	Exercise and the treatment of diabetes and obesity. <i>Endocrinology and Metabolism Clinics of North America</i> , <b>2008</b> , 37, 887-903	5.5	26
57	microManaging glucose and lipid metabolism in skeletal muscle: Role of microRNAs. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2016</b> , 1861, 2130-2138	5	26
56	Exercise in vivo marks human myotubes in vitro: Training-induced increase in lipid metabolism. <i>PLoS ONE</i> , <b>2017</b> , 12, e0175441	3.7	24
55	The influence of culture media upon observed cell secretome metabolite profiles: The balance between cell viability and data interpretability. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1037, 338-350	6.6	24

54	RNA interference-mediated reduction in GLUT1 inhibits serum-induced glucose transport in primary human skeletal muscle cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 307, 127-32	3.4	24
53	Arginase inhibition reduces infarct size via nitric oxide, protein kinase C epsilon and mitochondrial ATP-dependent K <sup>+</sup> channels. <i>European Journal of Pharmacology</i> , <b>2013</b> , 712, 16-21	5.3	23
52	Innate immune receptors in skeletal muscle metabolism. <i>Experimental Cell Research</i> , <b>2017</b> , 360, 47-54	4.2	22
51	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> , <b>2004</b> , 287, E553-7	6	22
50	Insulin and Glucose Alter Death-Associated Protein Kinase 3 (DAPK3) DNA Methylation in Human Skeletal Muscle. <i>Diabetes</i> , <b>2017</b> , 66, 651-662	0.9	21
49	miRNA let-7 expression is regulated by glucose and TNF- $\alpha$ by a remote upstream promoter. <i>Biochemical Journal</i> , <b>2015</b> , 472, 147-56	3.8	21
48	A Cell-Autonomous Signature of Dysregulated Protein Phosphorylation Underlies Muscle Insulin Resistance in Type 2 Diabetes. <i>Cell Metabolism</i> , <b>2020</b> , 32, 844-859.e5	24.6	21
47	Regulation of glucose uptake and inflammation markers by FOXO1 and FOXO3 in skeletal muscle. <i>Molecular Metabolism</i> , <b>2019</b> , 20, 79-88	8.8	20
46	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> , <b>2013</b> , 305, E1071-80	6	17
45	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> , <b>2009</b> , 25, 250-8	7.5	17
44	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> , <b>2011</b> , 110, 1204-10	3.7	17
43	Secreted protein acidic and rich in cysteine (SPARC) improves glucose tolerance AMP-activated protein kinase activation. <i>FASEB Journal</i> , <b>2019</b> , 33, 10551-10562	0.9	14
42	FAK tyrosine phosphorylation is regulated by AMPK and controls metabolism in human skeletal muscle. <i>Diabetologia</i> , <b>2018</b> , 61, 424-432	10.3	14
41	TWIST1 and TWIST2 regulate glycogen storage and inflammatory genes in skeletal muscle. <i>Journal of Endocrinology</i> , <b>2015</b> , 224, 303-13	4.7	14
40	Strenuous physical exercise adversely affects monocyte chemotaxis. <i>Thrombosis and Haemostasis</i> , <b>2011</b> , 105, 122-30	7	13
39	Effect of serum replacement with pllysate on cell growth and metabolism in primary cultures of human skeletal muscle. <i>Cytotechnology</i> , <b>2005</b> , 48, 89-95	2.2	13
38	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> , <b>2000</b> , 351, 805	3.8	13
37	Temporal analysis of reciprocal miRNA-mRNA expression patterns predicts regulatory networks during differentiation in human skeletal muscle cells. <i>Physiological Genomics</i> , <b>2015</b> , 47, 45-57	3.6	12

36	Targeting adipose tissue angiogenesis to enhance insulin sensitivity. <i>Diabetologia</i> , <b>2012</b> , 55, 2562-2564	10.3	12
35	AMPK activation negatively regulates GDAP1, which influences metabolic processes and circadian gene expression in skeletal muscle. <i>Molecular Metabolism</i> , <b>2018</b> , 16, 12-23	8.8	11
34	IL-6 and metabolism-new evidence and new questions. <i>Diabetologia</i> , <b>2008</b> , 51, 1097-9	10.3	11
33	Influence of obesity, weight loss, and free fatty acids on skeletal muscle clock gene expression. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2020</b> , 318, E1-E10	6	11
32	Paternal high-fat diet transgenerationally impacts hepatic immunometabolism. <i>FASEB Journal</i> , <b>2019</b> , 33, 6269-6280	0.9	10
31	Grandpaternal-induced transgenerational dietary reprogramming of the unfolded protein response in skeletal muscle. <i>Molecular Metabolism</i> , <b>2017</b> , 6, 621-630	8.8	10
30	Gene expression of the p85alpha regulatory subunit of phosphatidylinositol 3-kinase in skeletal muscle from type 2 diabetic subjects. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2002</b> , 445, 25-31	4.6	10
29	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> , <b>2018</b> , 315, E995-E1004 <sup>10</sup>	6	10
28	Modified UCN2 Peptide Acts as an Insulin Sensitizer in Skeletal Muscle of Obese Mice. <i>Diabetes</i> , <b>2019</b> , 68, 1403-1414	0.9	9
27	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> , <b>2015</b> , 12, 315-24	3.3	9
26	Phosphorylation of the Na <sup>+</sup> ,K <sup>+</sup> -ATPase in skeletal muscle: potential mechanism for changes in pump cell-surface abundance and activity. <i>Annals of the New York Academy of Sciences</i> , <b>2003</b> , 986, 449-52	6.5	9
25	Enhanced glucose metabolism in cultured human skeletal muscle after Roux-en-Y gastric bypass surgery. <i>Surgery for Obesity and Related Diseases</i> , <b>2015</b> , 11, 592-601	3	8
24	Can the liver X receptor work its magic in skeletal muscle too?. <i>Diabetologia</i> , <b>2006</b> , 49, 819-21	10.3	7
23	Specificity of insulin signalling in human skeletal muscle as revealed by small interfering RNA. <i>Diabetologia</i> , <b>2009</b> , 52, 1231-9	10.3	6
22	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> , <b>2001</b> , 281, E1255-9	6	6
21	Diurnal Regulation of Peripheral Glucose Metabolism: Potential Effects of Exercise Timing. <i>Obesity</i> , <b>2020</b> , 28 Suppl 1, S38-S45	8	5
20	Metabolism: One step forward for exercise. <i>Nature Reviews Endocrinology</i> , <b>2016</b> , 12, 7-8	15.2	5
19	Skeletal Muscle microRNAs: Roles in Differentiation, Disease and Exercise. <i>Research and Perspectives in Endocrine Interactions</i> , <b>2017</b> , 67-81		5

18	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> , <b>2018</b> , 2018, 7461903	3.7	5
17	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> , <b>2019</b> , 2019, 1840374	2.7	4
16	Retained differentiation capacity of human skeletal muscle satellite cells from spinal cord-injured individuals. <i>Physiological Reports</i> , <b>2018</b> , 6, e13739	2.6	4
15	Transcriptomic Profiling of Skeletal Muscle Adaptations to Exercise and Inactivity		4
14	Discovery of thymosin $\beta$ as a human exerkin and growth factor. <i>American Journal of Physiology - Cell Physiology</i> , <b>2021</b> , 321, C770-C778	5.4	4
13	Maternal obesity legacy: exercise it away!. <i>Diabetologia</i> , <b>2016</b> , 59, 5-8	10.3	3
12	A balancing act of optimising insulin dose and insulin sensitivity in type 1 diabetes. <i>Journal of Endocrinology</i> , <b>2011</b> , 211, 1-2	4.7	3
11	Disrupted circadian oscillations in type 2 diabetes are linked to altered rhythmic mitochondrial metabolism in skeletal muscle. <i>Science Advances</i> , <b>2021</b> , 7, eabi9654	14.3	3
10	Branched-chain amino acid metabolism is regulated by ERR $\alpha$ in primary human myotubes and is further impaired by glucose loading in type 2 diabetes. <i>Diabetologia</i> , <b>2021</b> , 64, 2077-2091	10.3	3
9	Electroacupuncture Mimics Exercise-Induced Changes in Skeletal Muscle Gene Expression in Women With Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	3
8	Endurance exercise training-responsive miR-19b-3p improves skeletal muscle glucose metabolism. <i>Nature Communications</i> , <b>2021</b> , 12, 5948	17.4	2
7	Lowering apolipoprotein CIII protects against high-fat diet-induced metabolic derangements. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	2
6	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> , <b>2021</b> , 118, 154728	12.7	2
5	ConRac1ion-mediated glucose uptake: a central role for Rac1. <i>Diabetes</i> , <b>2013</b> , 62, 1024-5	0.9	1
4	Skeletal muscle AMP kinase as a target to prevent pathogenesis of Type 2 diabetes. <i>Expert Review of Endocrinology and Metabolism</i> , <b>2007</b> , 2, 477-485	4.1	1
3	Circadian Transcriptomic and Epigenomic Remodeling in Response to Lipid Overload and Human Obesity		1
2	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> , <b>2021</b> , 321, E203-E216	6	1
1	Impaired phosphocreatine metabolism in white adipocytes promotes inflammation.. <i>Nature Metabolism</i> , <b>2022</b> ,	14.6	1



