Rasmus KjÃ¸bsted

List of Publications by Year
in descending order

31 papers	1,747 citations	331670 21 h-index	414414 32 g-index
34 all docs	34 docs citations	34 times ranked	2532 citing authors

#	Article	IF	Citations
1	AMPK in skeletal muscle function and metabolism. FASEB Journal, 2018, 32, 1741-1777.	0.5	289
2	Activation of Skeletal Muscle AMPK Promotes Glucose Disposal and Glucose Lowering in Non-human Primates and Mice. Cell Metabolism, 2017, 25, 1147-1159.e10.	16.2	205
3	Enhanced Muscle Insulin Sensitivity After Contraction/Exercise Is Mediated by AMPK. Diabetes, 2017, 66, 598-612.	0.6	137
4	Exercise Increases Human Skeletal Muscle Insulin Sensitivity via Coordinated Increases in Microvascular Perfusion and Molecular Signaling. Diabetes, 2017, 66, 1501-1510.	0.6	120
5	Prior AICAR Stimulation Increases Insulin Sensitivity in Mouse Skeletal Muscle in an AMPK-Dependent Manner. Diabetes, 2015, 64, 2042-2055.	0.6	115
6	Acute exercise and physiological insulin induce distinct phosphorylation signatures on TBC1D1 and TBC1D4 proteins in human skeletal muscle. Journal of Physiology, 2014, 592, 351-375.	2.9	95
7	Deep muscle-proteomic analysis of freeze-dried human muscle biopsies reveals fiber type-specific adaptations to exercise training. Nature Communications, 2021, 12, 304.	12.8	79
8	AMPKÎ± is critical for enhancing skeletal muscle fatty acid utilization during<i>in vivo</i>exercise in mice. FASEB Journal, 2015, 29, 1725-1738.	0.5	68
9	AMPK and TBC1D1 Regulate Muscle Glucose Uptake After, but Not During, Exercise and Contraction. Diabetes, 2019, 68, 1427-1440.	0.6	67
10	Intact Regulation of the AMPK Signaling Network in Response to Exercise and Insulin in Skeletal Muscle of Male Patients With Type 2 Diabetes: Illumination of AMPK Activation in Recovery From Exercise. Diabetes, 2016, 65, 1219-1230.	0.6	62
11	Skeletal muscle O-GlcNAc transferase is important for muscle energy homeostasis and whole-body insulin sensitivity. Molecular Metabolism, 2018, 11, 160-177.	6.5	60
12	Abnormal epigenetic changes during differentiation of human skeletal muscle stem cells from obese subjects. BMC Medicine, 2017, 15, 39.	5.5	51
13	Mammalian target of rapamycin complex 2 regulates muscle glucose uptake during exercise in mice. Journal of Physiology, 2017, 595, 4845-4855.	2.9	43
14	Rac1 muscle knockout exacerbates the detrimental effect of highâ€fat diet on insulinâ€stimulated muscle glucose uptake independently of Akt. Journal of Physiology, 2018, 596, 2283-2299.	2.9	41
15	TBC1D4 Is Necessary for Enhancing Muscle Insulin Sensitivity in Response to AICAR and Contraction. Diabetes, 2019, 68, 1756-1766.	0.6	40
16	Spatial-proteomics reveals phospho-signaling dynamics at subcellular resolution. Nature Communications, 2021, 12, 7113.	12.8	38
17	Differential effects of high-fat diet and exercise training on bone and energy metabolism. Bone, 2018, 116, 120-134.	2.9	37
18	Inducible deletion of skeletal muscle AMPKÎ± reveals that AMPK is required for nucleotide balance but dispensable for muscle glucose uptake and fat oxidation during exercise. Molecular Metabolism, 2020, 40, 101028.	6.5	32

#	Article	IF	Citations
19	AMPKÎ± is essential for acute exercise-induced gene responses but not for exercise training-induced adaptations in mouse skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E900-E914.	3.5	28
20	ApoA-1 improves glucose tolerance by increasing glucose uptake into heart and skeletal muscle independently of AMPKÎ±2. Molecular Metabolism, 2020, 35, 100949.	6.5	25
21	Role of AMP-Activated Protein Kinase for Regulating Post-exercise Insulin Sensitivity. Exs, 2016, 107, 81-126.	1.4	21
22	Metformin does not compromise energy status in human skeletal muscle at rest or during acute exercise: A randomised, crossover trial. Physiological Reports, 2019, 7, e14307.	1.7	18
23	Insulinâ€stimulated glucose uptake partly relies on p21â€activated kinase (PAK)2, but not PAK1, in mouse skeletal muscle. Journal of Physiology, 2020, 598, 5351-5377.	2.9	15
24	Colchicine treatment impairs skeletal muscle mitochondrial function and insulin sensitivity in an ageâ€specific manner. FASEB Journal, 2020, 34, 8653-8670.	0.5	13
25	Direct small molecule ADaM-site AMPK activators reveal an AMPKÎ³3-independent mechanism for blood glucose lowering. Molecular Metabolism, 2021, 51, 101259.	6.5	10
26	Î±-MSH Stimulates Glucose Uptake in Mouse Muscle and Phosphorylates Rab-GTPase-Activating Protein TBC1D1 Independently of AMPK. PLoS ONE, 2016, 11, e0157027.	2.5	8
27	Measurement of Insulin- and Contraction-Stimulated Glucose Uptake in Isolated and Incubated Mature Skeletal Muscle from Mice. Journal of Visualized Experiments, 2021, , .	0.3	7
28	Serum Is Not Necessary for Prior Pharmacological Activation of AMPK to Increase Insulin Sensitivity of Mouse Skeletal Muscle. International Journal of Molecular Sciences, 2018, 19, 1201.	4.1	5
29	Illumination of the Endogenous Insulin-Regulated TBC1D4 Interactome in Human Skeletal Muscle. Diabetes, 2022, 71, 906-920.	0.6	3
30	Effect of exercise training on skeletal muscle protein expression in relation to insulin sensitivity: Perâ€protocol analysis of a randomized controlled trial (GOâ€ACTIWE). Physiological Reports, 2021, 9, e14850.	1.7	2
31	Comment on De Wendt et al. Contraction-Mediated Glucose Transport in Skeletal Muscle Is Regulated by a Framework of AMPK, TBC1D1/4, and Rac1. Diabetes 2021;70:2796â€“2809. Diabetes, 2022, 71, e3-e4.	0.6	1