

# Anne-Marie Lundsgaard

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,185  
citations

394421

19  
h-index

501196

28  
g-index

30  
all docs

30  
docs citations

30  
times ranked

2126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gender Differences in Skeletal Muscle Substrate Metabolism – Molecular Mechanisms and Insulin Sensitivity. <i>Frontiers in Endocrinology</i> , 2014, 5, 195.	3.5	182
2	Molecular Regulation of Fatty Acid Oxidation in Skeletal Muscle during Aerobic Exercise. <i>Trends in Endocrinology and Metabolism</i> , 2018, 29, 18-30.	7.1	100
3	Circulating FGF21 in humans is potently induced by short term overfeeding of carbohydrates. <i>Molecular Metabolism</i> , 2017, 6, 22-29.	6.5	95
4	Regulation of autophagy in human skeletal muscle: effects of exercise, exercise training and insulin stimulation. <i>Journal of Physiology</i> , 2016, 594, 745-761.	2.9	78
5	Hepatic Insulin Clearance in Regulation of Systemic Insulin Concentrations – Role of Carbohydrate and Energy Availability. <i>Diabetes</i> , 2018, 67, 2129-2136.	0.6	74
6	Tuning fatty acid oxidation in skeletal muscle with dietary fat and exercise. <i>Nature Reviews Endocrinology</i> , 2020, 16, 683-696.	9.6	74
7	Role of AMPK in regulation of LC3 lipidation as a marker of autophagy in skeletal muscle. <i>Cellular Signalling</i> , 2016, 28, 663-674.	3.6	62
8	Molecular Mechanisms in Skeletal Muscle Underlying Insulin Resistance in Women Who Are Lean With Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 1841-1854.	3.6	50
9	Mechanisms Preserving Insulin Action during High Dietary Fat Intake. <i>Cell Metabolism</i> , 2019, 29, 50-63.e4.	16.2	50
10	Opposite Regulation of Insulin Sensitivity by Dietary Lipid Versus Carbohydrate Excess. <i>Diabetes</i> , 2017, 66, 2583-2595.	0.6	46
11	5 $\alpha$ -AMP activated protein kinase $\beta$ controls substrate metabolism during post-exercise recovery via regulation of pyruvate dehydrogenase kinase 4. <i>Journal of Physiology</i> , 2015, 593, 4765-4780.	2.9	39
12	New Nordic Diet – Induced Weight Loss Is Accompanied by Changes in Metabolism and AMPK Signaling in Adipose Tissue. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 3509-3519.	3.6	39
13	Adiponectin concentration is associated with muscle insulin sensitivity, AMPK phosphorylation, and ceramide content in skeletal muscles of men but not women. <i>Journal of Applied Physiology</i> , 2013, 114, 592-601.	2.5	32
14	The Importance of Fatty Acids as Nutrients during Post-Exercise Recovery. <i>Nutrients</i> , 2020, 12, 280.	4.1	29
15	Thyroid hormone receptor $\beta$ in skeletal muscle is essential for T3-mediated increase in energy expenditure. <i>FASEB Journal</i> , 2020, 34, 15480-15491.	0.5	25
16	ApoA-1 improves glucose tolerance by increasing glucose uptake into heart and skeletal muscle independently of AMPK. <i>Molecular Metabolism</i> , 2020, 35, 100949.	6.5	25
17	Dietary Fuels in Athletic Performance. <i>Annual Review of Nutrition</i> , 2019, 39, 45-73.	10.1	23
18	Glucometabolic consequences of acute and prolonged inhibition of fatty acid oxidation. <i>Journal of Lipid Research</i> , 2020, 61, 10-19.	4.2	23

#	ARTICLE	IF	CITATIONS
19	Cancer causes metabolic perturbations associated with reduced insulin-stimulated glucose uptake in peripheral tissues and impaired muscle microvascular perfusion. <i>Metabolism: Clinical and Experimental</i> , 2020, 105, 154169.	3.4	22
20	Differential effects of glucagon-like peptide-1 on microvascular recruitment and glucose metabolism in short- and long-term insulin resistance. <i>Journal of Physiology</i> , 2015, 593, 2185-2198.	2.9	20
21	Small Amounts of Dietary Medium-Chain Fatty Acids Protect Against Insulin Resistance During Caloric Excess in Humans. <i>Diabetes</i> , 2021, 70, 91-98.	0.6	18
22	Insulin-stimulated glucose uptake partly relies on p21-activated kinase (PAK)2, but not PAK1, in mouse skeletal muscle. <i>Journal of Physiology</i> , 2020, 598, 5351-5377.	2.9	15
23	Mechanisms Underlying Absent Training-Induced Improvement in Insulin Action in Lean, Hyperandrogenic Women With Polycystic Ovary Syndrome. <i>Diabetes</i> , 2020, 69, 2267-2280.	0.6	13
24	Nutritional optimization for female elite football players—topical review. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2022, 32, 81-104.	2.9	12
25	Pharmacological targeting of $\alpha 3 \beta 4$ nicotinic receptors improves peripheral insulin sensitivity in mice with diet-induced obesity. <i>Diabetologia</i> , 2020, 63, 1236-1247.	6.3	9
26	The Role of Hepatic Fat Accumulation in Glucose and Insulin Homeostasis—Dysregulation by the Liver. <i>Journal of Clinical Medicine</i> , 2021, 10, 390.	2.4	8
27	Exercise Physiology in Men and Women. , 2017, , 525-542.		5
28	Fatty acid type-specific regulation of SIRT1 does not affect insulin sensitivity in human skeletal muscle. <i>FASEB Journal</i> , 2019, 33, 5510-5519.	0.5	4