

# Helga Ellingsgaard

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38

papers

3,655

citations

22

h-index

42

g-index

42

ext. papers

4,179

ext. citations

8.5

avg, IF

4.72

L-index

#	Paper	IF	Citations
38	Interleukin-6 enhances insulin secretion by increasing glucagon-like peptide-1 secretion from L cells and alpha cells. <i>Nature Medicine</i> , <b>2011</b> , 17, 1481-9	50.5	581
37	Increased number of islet-associated macrophages in type 2 diabetes. <i>Diabetes</i> , <b>2007</b> , 56, 2356-70	0.9	515
36	Mechanisms of beta-cell death in type 2 diabetes. <i>Diabetes</i> , <b>2005</b> , 54 Suppl 2, S108-13	0.9	339
35	Physical demands during an elite female soccer game: importance of training status. <i>Medicine and Science in Sports and Exercise</i> , <b>2005</b> , 37, 1242-8	1.2	333
34	Islet inflammation in type 2 diabetes: from metabolic stress to therapy. <i>Diabetes Care</i> , <b>2008</b> , 31 Suppl 2, S161-4	14.6	240
33	Islet inflammation impairs the pancreatic beta-cell in type 2 diabetes. <i>Physiology</i> , <b>2009</b> , 24, 325-31	9.8	218
32	Interleukin-6 regulates pancreatic alpha-cell mass expansion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 13163-8	11.5	193
31	Toll-like receptor 2-deficient mice are protected from insulin resistance and beta cell dysfunction induced by a high-fat diet. <i>Diabetologia</i> , <b>2010</b> , 53, 1795-806	10.3	172
30	Cytokine production by islets in health and diabetes: cellular origin, regulation and function. <i>Trends in Endocrinology and Metabolism</i> , <b>2010</b> , 21, 261-7	8.8	166
29	Low concentration of interleukin-1beta induces FLICE-inhibitory protein-mediated beta-cell proliferation in human pancreatic islets. <i>Diabetes</i> , <b>2006</b> , 55, 2713-22	0.9	139
28	Exercise-Induced Changes in Visceral Adipose Tissue Mass Are Regulated by IL-6 Signaling: A Randomized Controlled Trial. <i>Cell Metabolism</i> , <b>2019</b> , 29, 844-855.e3	24.6	132
27	Eccentric rehabilitation exercise increases peritendinous type I collagen synthesis in humans with Achilles tendinosis. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2007</b> , 17, 61-6	4.6	122
26	Pancreatic islet inflammation in type 2 diabetes: from alpha and beta cell compensation to dysfunction. <i>Archives of Physiology and Biochemistry</i> , <b>2009</b> , 115, 240-7	2.2	73
25	Rapid hamstring/quadriceps force capacity in male vs. female elite soccer players. <i>Journal of Strength and Conditioning Research</i> , <b>2011</b> , 25, 1989-93	3.2	61
24	Interleukin-6 Delays Gastric Emptying in Humans with Direct Effects on Glycemic Control. <i>Cell Metabolism</i> , <b>2018</b> , 27, 1201-1211.e3	24.6	53
23	ARTD1 deletion causes increased hepatic lipid accumulation in mice fed a high-fat diet and impairs adipocyte function and differentiation. <i>FASEB Journal</i> , <b>2012</b> , 26, 2631-8	0.9	38
22	Interleukin-6 contributes to early fasting-induced free fatty acid mobilization in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2014</b> , 306, R861-7	3.2	36

21	Muscle-derived interleukin 6 increases exercise capacity by signaling in osteoblasts. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 2888-2902	15.9	33
20	IL-6 deficiency in mice neither impairs induction of metabolic genes in the liver nor affects blood glucose levels during fasting and moderately intense exercise. <i>Diabetologia</i> , <b>2010</b> , 53, 1732-42	10.3	24
19	Effect of Aerobic and Resistance Exercise on Cardiac Adipose Tissues: Secondary Analyses From a Randomized Clinical Trial. <i>JAMA Cardiology</i> , <b>2019</b> , 4, 778-787	16.2	23
18	Pharmacological but not physiological GDF15 suppresses feeding and the motivation to exercise. <i>Nature Communications</i> , <b>2021</b> , 12, 1041	17.4	23
17	Exercise and health Emerging roles of IL-6. <i>Current Opinion in Physiology</i> , <b>2019</b> , 10, 49-54	2.6	22
16	Glycoprotein 130 receptor signaling mediates $\beta$ cell dysfunction in a rodent model of type 2 diabetes. <i>Diabetes</i> , <b>2014</b> , 63, 2984-95	0.9	20
15	GLP-1 secretion is regulated by IL-6 signalling: a randomised, placebo-controlled study. <i>Diabetologia</i> , <b>2020</b> , 63, 362-373	10.3	19
14	Aerobic Exercise Induces Cardiac Fat Loss and Alters Cardiac Muscle Mass Through an Interleukin-6 Receptor-Dependent Mechanism: Cardiac Analysis of a Double-Blind Randomized Controlled Clinical Trial in Abdominally Obese Humans. <i>Circulation</i> , <b>2019</b> , 140, 1684-1686	16.7	16
13	The role of exercise combined with tocilizumab in visceral and epicardial adipose tissue and gastric emptying rate in abdominally obese participants: protocol for a randomised controlled trial. <i>Trials</i> , <b>2018</b> , 19, 266	2.8	14
12	Functional brown adipose tissue and sympathetic activity after cold exposure in humans with type 1 narcolepsy. <i>Sleep</i> , <b>2018</b> , 41,	1.1	11
11	Human immune cell mobilization during exercise: effect of IL-6 receptor blockade. <i>Experimental Physiology</i> , <b>2020</b> , 105, 2086-2098	2.4	7
10	The interaction between metformin and physical activity on postprandial glucose and glucose kinetics: a randomised, clinical trial. <i>Diabetologia</i> , <b>2021</b> , 64, 397-409	10.3	6
9	Effects of an intensive lifestyle intervention on the underlying mechanisms of improved glycaemic control in individuals with type 2 diabetes: a secondary analysis of a randomised clinical trial. <i>Diabetologia</i> , <b>2020</b> , 63, 2410-2422	10.3	6
8	Effects of Exercise Training and IL-6 Receptor Blockade on Gastric Emptying and GLP-1 Secretion in Obese Humans: Secondary Analyses From a Double Blind Randomized Clinical Trial. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 1249	4.6	4
7	Interval Walking Improves Glycemic Control and Body Composition After Cancer Treatment: A Randomized Controlled Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 3701-3712	5.6	4
6	Exercise-Induced Changes in Visceral Adipose Tissue Mass are Regulated by IL-6 Signaling: A Randomized Controlled Trial. <i>SSRN Electronic Journal</i> ,	1	3
5	Interleukin-6 May Not Affect Bone Resorption Marker CTX or Bone Formation Marker P1NP in Humans. <i>Journal of the Endocrine Society</i> , <b>2020</b> , 4, bvaa093	0.4	3
4	Exercise and the dipeptidyl-peptidase IV inhibitor sitagliptin do not improve beta-cell function and glucose homeostasis in long-lasting type 1 diabetes-A randomised open-label study. <i>Endocrinology, Diabetes and Metabolism</i> , <b>2019</b> , 2, e00075	2.7	2

3	Blocking endogenous IL-6 impairs mobilization of free fatty acids during rest and exercise in lean and obese men. <i>Cell Reports Medicine</i> , <b>2021</b> , 2, 100396	18	2
2	The effects of different doses of exercise on pancreatic $\beta$ cell function in patients with newly diagnosed type 2 diabetes: study protocol for and rationale behind the "DOSE-EX" multi-arm parallel-group randomised clinical trial. <i>Trials</i> , <b>2021</b> , 22, 244	2.8	1
1	IL-6 Receptor Blockade Increases Circulating Adiponectin Levels in People with Obesity: An Explanatory Analysis. <i>Metabolites</i> , <b>2021</b> , 11,	5.6	1