

Erik Nslund

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.

90
papers

2,282
citations

25
h-index

46
g-index

100
ext. papers

2,845
ext. citations

6.1
avg. IF

4.88
L-index

#	Paper	IF	Citations
90	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	11.6	214
89	Weight loss after gastric bypass surgery in human obesity remodels promoter methylation. <i>Cell Reports</i> , 2013 , 3, 1020-7	10.6	192
88	Appetite signaling: from gut peptides and enteric nerves to brain. <i>Physiology and Behavior</i> , 2007 , 92, 256-62	3.5	130
87	Prandial subcutaneous injections of glucagon-like peptide-1 cause weight loss in obese human subjects. <i>British Journal of Nutrition</i> , 2004 , 91, 439-46	3.6	123
86	GLP-1 slows solid gastric emptying and inhibits insulin, glucagon, and PYY release in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999 , 277, R910-6	3.2	118
85	Early complications after laparoscopic gastric bypass surgery: results from the Scandinavian Obesity Surgery Registry. <i>Annals of Surgery</i> , 2014 , 260, 1040-7	7.8	116
84	Mouse-human experimental epigenetic analysis unmasks dietary targets and genetic liability for diabetic phenotypes. <i>Cell Metabolism</i> , 2015 , 21, 138-49	24.6	76
83	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	8.8	74
82	Changes in subcutaneous fat cell volume and insulin sensitivity after weight loss. <i>Diabetes Care</i> , 2014 , 37, 1831-6	14.6	70
81	Human Carboxylesterase 2 Reverses Obesity-Induced Diacylglycerol Accumulation and Glucose Intolerance. <i>Cell Reports</i> , 2017 , 18, 636-646	10.6	60
80	Endothelial PDGF-CC regulates angiogenesis-dependent thermogenesis in beige fat. <i>Nature Communications</i> , 2016 , 7, 12152	17.4	55
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> , 2014 , 10, 671-8	3	52
78	Substantial Decrease in Comorbidity 5 Years After Gastric Bypass: A Population-based Study From the Scandinavian Obesity Surgery Registry. <i>Annals of Surgery</i> , 2017 , 265, 1166-1171	7.8	49
77	Gastric emptying of solids in humans: improved evaluation by Kaplan-Meier plots, with special reference to obesity and gender. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1996 , 23, 1562-7		46
76	Long-term Protective Changes in Adipose Tissue After Gastric Bypass. <i>Diabetes Care</i> , 2017 , 40, 77-84	14.6	45
75	The epigenetic signature of systemic insulin resistance in obese women. <i>Diabetologia</i> , 2016 , 59, 2393-2405	10.3	44
74	Liver macrophages regulate systemic metabolism through non-inflammatory factors. <i>Nature Metabolism</i> , 2019 , 1, 445-459	14.6	43

73	Impact of fat mass and distribution on lipid turnover in human adipose tissue. <i>Nature Communications</i> , 2017 , 8, 15253	17.4	42
72	Duration of type 2 diabetes and remission rates after bariatric surgery in Sweden 2007-2015: A registry-based cohort study. <i>PLoS Medicine</i> , 2019 , 16, e1002985	11.6	39
71	Validation of Obesity Surgery Data in the Swedish National Patient Registry and Scandinavian Obesity Registry (SOReg). <i>Obesity Surgery</i> , 2016 , 26, 1750-6	3.7	37
70	Retained NK Cell Phenotype and Functionality in Non-alcoholic Fatty Liver Disease. <i>Frontiers in Immunology</i> , 2019 , 10, 1255	8.4	33
69	Accelerometer-Measured Versus Self-Reported Physical Activity Levels and Sedentary Behavior in Women Before and 9 Months After Roux-en-Y Gastric Bypass. <i>Obesity Surgery</i> , 2016 , 26, 1463-70	3.7	33
68	Omentectomy in addition to gastric bypass surgery and influence on insulin sensitivity: a randomized double blind controlled trial. <i>Clinical Nutrition</i> , 2014 , 33, 991-6	5.9	33
67	Differential methylation in inflammation and type 2 diabetes genes in siblings born before and after maternal bariatric surgery. <i>Obesity</i> , 2016 , 24, 250-61	8	27
66	The Adipose Transcriptional Response to Insulin Is Determined by Obesity, Not Insulin Sensitivity. <i>Cell Reports</i> , 2016 , 16, 2317-26	10.6	26
65	Postprandial profiles of CCK after high fat and high carbohydrate meals and the relationship to satiety in humans. <i>Peptides</i> , 2016 , 77, 3-8	3.8	24
64	A Comparative Study of Machine Learning Algorithms in Predicting Severe Complications after Bariatric Surgery. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	24
63	Liver macrophages inhibit the endogenous antioxidant response in obesity-associated insulin resistance. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	24
62	Surgically induced interpregnancy weight loss and prevalence of overweight and obesity in offspring. <i>PLoS ONE</i> , 2013 , 8, e82247	3.7	23
61	Insulin and Glucose Alter Death-Associated Protein Kinase 3 (DAPK3) DNA Methylation in Human Skeletal Muscle. <i>Diabetes</i> , 2017 , 66, 651-662	0.9	21
60	Glucagon-like peptide-1 analogue LY315902: effect on intestinal motility and release of insulin and somatostatin. <i>Regulatory Peptides</i> , 2002 , 106, 89-95		20
59	Risk Prediction Model for Severe Postoperative Complication in Bariatric Surgery. <i>Obesity Surgery</i> , 2018 , 28, 1869-1875	3.7	19
58	The Role of Episodic Postprandial Peptides in Exercise-Induced Compensatory Eating. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 4051-4059	5.6	19
57	Screening of potential adipokines identifies S100A4 as a marker of pernicious adipose tissue and insulin resistance. <i>International Journal of Obesity</i> , 2018 , 42, 2047-2056	5.5	17
56	Exome sequencing followed by genotyping suggests SYPL2 as a susceptibility gene for morbid obesity. <i>European Journal of Human Genetics</i> , 2015 , 23, 1216-22	5.3	16

55	Expression and Function of mARC: Roles in Lipogenesis and Metabolic Activation of Ximelagatran. <i>PLoS ONE</i> , 2015 , 10, e0138487	3.7	16
54	Fasting Leptin Is a Metabolic Determinant of Food Reward in Overweight and Obese Individuals during Chronic Aerobic Exercise Training. <i>International Journal of Endocrinology</i> , 2014 , 2014, 323728	2.7	16
53	High acquisition rate and internal validity in the Scandinavian Obesity Surgery Registry. <i>Surgery for Obesity and Related Diseases</i> , 2021 , 17, 606-614	3	15
52	FAK tyrosine phosphorylation is regulated by AMPK and controls metabolism in human skeletal muscle. <i>Diabetologia</i> , 2018 , 61, 424-432	10.3	14
51	Low overall mortality during 10 years of bariatric surgery: nationwide study on 63,469 procedures from the Scandinavian Obesity Registry. <i>Surgery for Obesity and Related Diseases</i> , 2020 , 16, 65-70	3	14
50	Gastric Bypass Surgery Reduces De Novo Cases of Type 2 Diabetes to Population Levels: A Nationwide Cohort Study From Sweden. <i>Annals of Surgery</i> , 2019 , 269, 895-902	7.8	14
49	The impact of socioeconomic factors on the early postoperative complication rate after laparoscopic gastric bypass surgery: A register-based cohort study. <i>Surgery for Obesity and Related Diseases</i> , 2019 , 15, 575-581	3	13
48	Whole-Exome Sequencing Suggests LAMB3 as a Susceptibility Gene for Morbid Obesity. <i>Diabetes</i> , 2016 , 65, 2980-9	0.9	13
47	Association of Metabolic Surgery With Major Adverse Cardiovascular Outcomes in Patients With Previous Myocardial Infarction and Severe Obesity: A Nationwide Cohort Study. <i>Circulation</i> , 2021 , 143, 1458-1467	16.7	13
46	The Influence of Socioeconomic Factors on Quality-of-Life After Laparoscopic Gastric Bypass Surgery. <i>Obesity Surgery</i> , 2019 , 29, 3569-3576	3.7	12
45	Adipose and Circulating CCL18 Levels Associate With Metabolic Risk Factors in Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 4021-4029	5.6	12
44	Deep Learning Neural Networks to Predict Serious Complications After Bariatric Surgery: Analysis of Scandinavian Obesity Surgery Registry Data. <i>JMIR Medical Informatics</i> , 2020 , 8, e15992	3.6	11
43	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	6	11
42	Women undergoing Roux-en-Y Gastric Bypass surgery: Family resemblance in pre- to postsurgery physical activity and sedentary behavior in children and spouses. <i>Surgery for Obesity and Related Diseases</i> , 2015 , 11, 690-6	3	10
41	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 ¹⁰	6	10
40	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	3	8
39	Patient selection and the physiology of gastrointestinal antiobesity operations. <i>Surgical Clinics of North America</i> , 2005 , 85, 725-40, vi	4	8
38	The association between socioeconomic factors and weight loss 5 years after gastric bypass surgery. <i>International Journal of Obesity</i> , 2020 , 44, 2279-2290	5.5	8

37	Neuropeptide S inhibits gastrointestinal motility and increases mucosal permeability through nitric oxide. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 309, G625-34	5.1	7
36	Children's weight status, body esteem, and self-concept after maternal gastric bypass surgery. <i>Surgery for Obesity and Related Diseases</i> , 2015 , 11, 927-32	3	7
35	Improvements of health-related quality of life 5 years after gastric bypass. What is important besides weight loss? A study from Scandinavian Obesity Surgery Register. <i>Surgery for Obesity and Related Diseases</i> , 2020 , 16, 1249-1257	3	7
34	Gut peptide hormones: importance for food intake. <i>Scandinavian Journal of Gastroenterology</i> , 2005 , 40, 250-8	2.4	7
33	Hepatic miR-144 Drives Fumarase Activity Preventing NRF2 Activation During Obesity. <i>Gastroenterology</i> , 2021 , 161, 1982-1997.e11	13.3	7
32	Association between metabolic surgery and cardiovascular outcome in patients with hypertension: A nationwide matched cohort study. <i>PLoS Medicine</i> , 2020 , 17, e1003307	11.6	6
31	Short-term low-calorie diet remodels skeletal muscle lipid profile and metabolic gene expression in obese adults. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019 , 316, E178-E185	6	6
30	A dissonance-based intervention for women post roux-en-Y gastric bypass surgery aiming at improving quality of life and physical activity 24 months after surgery: study protocol for a randomized controlled trial. <i>BMC Surgery</i> , 2018 , 18, 25	2.3	4
29	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	10.3	3
28	Poor Follow-up After Elevated Prostate-specific Antigen Tests: A Population-based Cohort Study. <i>European Urology Focus</i> , 2019 , 5, 842-848	5.1	3
27	Drug targets modulating the gut-appetite-metabolism axis. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2007 , 4, 189-193		2
26	Limited Effect of Beta-blockade on Postoperative Outcome After Laparoscopic Gastric Bypass Surgery. <i>Obesity Surgery</i> , 2020 , 30, 139-145	3.7	2
25	Bariatric Surgery: There Is a Room for Improvement to Reduce Mortality in Patients with Type 2 Diabetes. <i>Obesity Surgery</i> , 2021 , 31, 461-463	3.7	2
24	Factors affecting relapse of type 2 diabetes after bariatric surgery in Sweden 2007-2015: a registry-based cohort study.. <i>Surgery for Obesity and Related Diseases</i> , 2021 ,	3	2
23	Major cardiovascular events after metabolic surgery in patients with previous heart disease with or without type 2 diabetes - a nationwide cohort study. <i>Surgery for Obesity and Related Diseases</i> , 2022 ,	3	2
22	Elucidating the mechanisms behind the restoration of euglycemia after gastric bypass surgery. <i>Diabetes</i> , 2013 , 62, 1012-3	0.9	1
21	Using convolutional neural network to predict remission of diabetes after gastric bypass surgery: a machine learning study from the Scandinavian Obesity Surgery Register		1
20	Using a Convolutional Neural Network to Predict Remission of Diabetes After Gastric Bypass Surgery: Machine Learning Study From the Scandinavian Obesity Surgery Register (Preprint)		1

19	Remission, relapse, and risk of major cardiovascular events after metabolic surgery in persons with hypertension: A Swedish nationwide registry-based cohort study. <i>PLoS Medicine</i> , 2021 , 18, e1003817	11.6	1
18	Factors determining chance of type 2 diabetes remission after Roux-en-Y gastric bypass surgery: a nationwide cohort study in 8057 Swedish patients. <i>BMJ Open Diabetes Research and Care</i> , 2021 , 9,	4.5	1
17	Bariatric and metabolic surgery in patients with morbid obesity and multiple sclerosis - a nationwide, matched cohort study. <i>Surgery for Obesity and Related Diseases</i> , 2021 , 17, 1108-1114	3	1
16	Circadian Transcriptomic and Epigenomic Remodeling in Response to Lipid Overload and Human Obesity		1
15	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	6	1
14	Using a Convolutional Neural Network to Predict Remission of Diabetes After Gastric Bypass Surgery: Machine Learning Study From the Scandinavian Obesity Surgery Register. <i>JMIR Medical Informatics</i> , 2021 , 9, e25612	3.6	1
13	Predictors of normalized HbA1c after gastric bypass surgery in subjects with abnormal glucose levels, a 2-year follow-up study. <i>Scientific Reports</i> , 2020 , 10, 15127	4.9	0
12	Comment on: mechanisms of type 2 diabetes resolution after Roux-en-Y gastric bypass. <i>Surgery for Obesity and Related Diseases</i> , 2014 , 10, 1039-40	3	
11	Bioactive Peptides in GutBrain Signaling 2009 , 261-273		
10	Association between metabolic surgery and cardiovascular outcome in patients with hypertension: A nationwide matched cohort study 2020 , 17, e1003307		
9	Association between metabolic surgery and cardiovascular outcome in patients with hypertension: A nationwide matched cohort study 2020 , 17, e1003307		
8	Association between metabolic surgery and cardiovascular outcome in patients with hypertension: A nationwide matched cohort study 2020 , 17, e1003307		
7	Association between metabolic surgery and cardiovascular outcome in patients with hypertension: A nationwide matched cohort study 2020 , 17, e1003307		
6	Association between metabolic surgery and cardiovascular outcome in patients with hypertension: A nationwide matched cohort study 2020 , 17, e1003307		
5	Association between metabolic surgery and cardiovascular outcome in patients with hypertension: A nationwide matched cohort study 2020 , 17, e1003307		
4	Duration of type 2 diabetes and remission rates after bariatric surgery in Sweden 2007-2015: A registry-based cohort study 2019 , 16, e1002985		
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