# Erik Nslund

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 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 | Major cardiovascular events after metabolic surgery in patients with previous heart disease with or without type 2 diabetes - a nationwide cohort study. *Surgery for Obesity and Related Diseases*, **2022**, | 3 | 2 |
| 89 | Remission, relapse, and risk of major cardiovascular events after metabolic surgery in persons with hypertension: A Swedish nationwide registry-based cohort study. *PLoS Medicine*, **2021**, 18, e1003817 | 11.6 | 1 |
| 88 | Factors determining chance of type 2 diabetes remission after Roux-en-Y gastric bypass surgery: a nationwide cohort study in 8057 Swedish patients. *BMJ Open Diabetes Research and Care*, **2021**, 9, | 4.5 | 1 |
| 87 | Bariatric and metabolic surgery in patients with morbid obesity and multiple sclerosis - a nationwide, matched cohort study. *Surgery for Obesity and Related Diseases*, **2021**, 17, 1108-1114 | 3 | 1 |
| 86 | Branched-chain amino acid metabolism is regulated by ERR□n primary human myotubes and is further impaired by glucose loading in type 2 diabetes. *Diabetologia*, **2021**, 64, 2077-2091 | 10.3 | 3 |
| 85 | High acquisition rate and internal validity in the Scandinavian Obesity Surgery Registry. *Surgery for Obesity and Related Diseases*, **2021**, 17, 606-614 | 3 | 15 |
| 84 | Association of Metabolic Surgery With Major Adverse Cardiovascular Outcomes in Patients With Previous Myocardial Infarction and Severe Obesity: A Nationwide Cohort Study. *Circulation*, **2021**, 143, 1458-1467 | 16.7 | 13 |
| 83 | Bariatric Surgery: There Is a Room for Improvement to Reduce Mortality in Patients with Type 2 Diabetes. *Obesity Surgery*, **2021**, 31, 461-463 | 3.7 | 2 |
| 82 | Three weeks of interrupting sitting lowers fasting glucose and glycemic variability, but not glucose tolerance, in free-living women and men with obesity. *American Journal of Physiology - Endocrinology and Metabolism*, **2021**, 321, E203-E216 | 6 | 1 |
| 81 | Using a Convolutional Neural Network to Predict Remission of Diabetes After Gastric Bypass Surgery: Machine Learning Study From the Scandinavian Obesity Surgery Register. *JMIR Medical Informatics*, **2021**, 9, e25612 | 3.6 | 1 |
| 80 | Hepatic miR-144 Drives Fumarase Activity Preventing NRF2 Activation During Obesity. *Gastroenterology*, **2021**, 161, 1982-1997.e11 | 13.3 | 7 |
| 79 | Factors affecting relapse of type 2 diabetes after bariatric surgery in Sweden 2007-2015: a registry-based cohort study.. *Surgery for Obesity and Related Diseases*, **2021**, | 3 | 2 |
| 78 | 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. *Surgery for Obesity and Related Diseases*, **2020**, 16, 1249-1257 | 3 | 7 |
| 77 | Liver macrophages inhibit the endogenous antioxidant response in obesity-associated insulin resistance. *Science Translational Medicine*, **2020**, 12, | 17.5 | 24 |
| 76 | Deep Learning Neural Networks to Predict Serious Complications After Bariatric Surgery: Analysis of Scandinavian Obesity Surgery Registry Data. *JMIR Medical Informatics*, **2020**, 8, e15992 | 3.6 | 11 |
| 75 | Low overall mortality during 10 years of bariatric surgery: nationwide study on 63,469 procedures from the Scandinavian Obesity Registry. *Surgery for Obesity and Related Diseases*, **2020**, 16, 65-70 | 3 | 14 |
| 74 | Predictors of normalized HbA1c after gastric bypass surgery in subjects with abnormal glucose levels, a 2-year follow-up study. *Scientific Reports*, **2020**, 10, 15127 | 4.9 | 0 |

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| 73 | The association between socioeconomic factors and weight loss 5 years after gastric bypass surgery. *International Journal of Obesity*, **2020**, 44, 2279-2290 | 5.5 | 8 |
| 72 | Association between metabolic surgery and cardiovascular outcome in patients with hypertension: A nationwide matched cohort study. *PLoS Medicine*, **2020**, 17, e1003307 | 11.6 | 6 |
| 71 | Influence of obesity, weight loss, and free fatty acids on skeletal muscle clock gene expression. *American Journal of Physiology - Endocrinology and Metabolism*, **2020**, 318, E1-E10 | 6 | 11 |
| 70 | Limited Effect of Beta-blockade on Postoperative Outcome After Laparoscopic Gastric Bypass Surgery. *Obesity Surgery*, **2020**, 30, 139-145 | 3.7 | 2 |
| 69 | Association between metabolic surgery and cardiovascular outcome in patients with hypertension: A nationwide matched cohort study **2020**, 17, e1003307 | | |
| 68 | Association between metabolic surgery and cardiovascular outcome in patients with hypertension: A nationwide matched cohort study **2020**, 17, e1003307 | | |
| 67 | Association between metabolic surgery and cardiovascular outcome in patients with hypertension: A nationwide matched cohort study **2020**, 17, e1003307 | | |
| 66 | Association between metabolic surgery and cardiovascular outcome in patients with hypertension: A nationwide matched cohort study **2020**, 17, e1003307 | | |
| 65 | Association between metabolic surgery and cardiovascular outcome in patients with hypertension: A nationwide matched cohort study **2020**, 17, e1003307 | | |
| 64 | Association between metabolic surgery and cardiovascular outcome in patients with hypertension: A nationwide matched cohort study **2020**, 17, e1003307 | | |
| 63 | The Influence of Socioeconomic Factors on Quality-of-Life After Laparoscopic Gastric Bypass Surgery. *Obesity Surgery*, **2019**, 29, 3569-3576 | 3.7 | 12 |
| 62 | Retained NK Cell Phenotype and Functionality in Non-alcoholic Fatty Liver Disease. *Frontiers in Immunology*, **2019**, 10, 1255 | 8.4 | 33 |
| 61 | A Comparative Study of Machine Learning Algorithms in Predicting Severe Complications after Bariatric Surgery. *Journal of Clinical Medicine*, **2019**, 8, | 5.1 | 24 |
| 60 | The impact of socioeconomic factors on the early postoperative complication rate after laparoscopic gastric bypass surgery: A register-based cohort study. *Surgery for Obesity and Related Diseases*, **2019**, 15, 575-581 | 3 | 13 |
| 59 | Liver macrophages regulate systemic metabolism through non-inflammatory factors. *Nature Metabolism*, **2019**, 1, 445-459 | 14.6 | 43 |
| 58 | Duration of type 2 diabetes and remission rates after bariatric surgery in Sweden 2007-2015: A registry-based cohort study. *PLoS Medicine*, **2019**, 16, e1002985 | 11.6 | 39 |
| 57 | Gastric Bypass Surgery Reduces De Novo Cases of Type 2 Diabetes to Population Levels: A Nationwide Cohort Study From Sweden. *Annals of Surgery*, **2019**, 269, 895-902 | 7.8 | 14 |
| 56 | Short-term low-calorie diet remodels skeletal muscle lipid profile and metabolic gene expression in obese adults. *American Journal of Physiology - Endocrinology and Metabolism*, **2019**, 316, E178-E185 | 6 | 6 |

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| 55 | Poor Follow-up After Elevated Prostate-specific Antigen Tests: A Population-based Cohort Study. *European Urology Focus*, **2019**, 5, 842-848 | 5.1 | 3 |
| 54 | Duration of type 2 diabetes and remission rates after bariatric surgery in Sweden 2007–2015: A registry-based cohort study **2019**, 16, e1002985 | | |
| 53 | Duration of type 2 diabetes and remission rates after bariatric surgery in Sweden 2007–2015: A registry-based cohort study **2019**, 16, e1002985 | | |
| 52 | Duration of type 2 diabetes and remission rates after bariatric surgery in Sweden 2007–2015: A registry-based cohort study **2019**, 16, e1002985 | | |
| 51 | Duration of type 2 diabetes and remission rates after bariatric surgery in Sweden 2007–2015: A registry-based cohort study **2019**, 16, e1002985 | | |
| 50 | Screening of potential adipokines identifies S100A4 as a marker of pernicious adipose tissue and insulin resistance. *International Journal of Obesity*, **2018**, 42, 2047-2056 | 5.5 | 17 |
| 49 | Risk Prediction Model for Severe Postoperative Complication in Bariatric Surgery. *Obesity Surgery*, **2018**, 28, 1869-1875 | 3.7 | 19 |
| 48 | FAK tyrosine phosphorylation is regulated by AMPK and controls metabolism in human skeletal muscle. *Diabetologia*, **2018**, 61, 424-432 | 10.3 | 14 |
| 47 | 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. *BMC Surgery*, **2018**, 18, 25 | 2.3 | 4 |
| 46 | IL6 and LIF mRNA expression in skeletal muscle is regulated by AMPK and the transcription factors NFYC, ZBTB14, and SP1. *American Journal of Physiology - Endocrinology and Metabolism*, **2018**, 315, E995-E1004 | 6 | 10 |
| 45 | Human Carboxylesterase 2 Reverses Obesity-Induced Diacylglycerol Accumulation and Glucose Intolerance. *Cell Reports*, **2017**, 18, 636-646 | 10.6 | 60 |
| 44 | Impact of fat mass and distribution on lipid turnover in human adipose tissue. *Nature Communications*, **2017**, 8, 15253 | 17.4 | 42 |
| 43 | Substantial Decrease in Comorbidity 5 Years After Gastric Bypass: A Population-based Study From the Scandinavian Obesity Surgery Registry. *Annals of Surgery*, **2017**, 265, 1166-1171 | 7.8 | 49 |
| 42 | Insulin and Glucose Alter Death-Associated Protein Kinase 3 (DAPK3) DNA Methylation in Human Skeletal Muscle. *Diabetes*, **2017**, 66, 651-662 | 0.9 | 21 |
| 41 | The Role of Episodic Postprandial Peptides in Exercise-Induced Compensatory Eating. *Journal of Clinical Endocrinology and Metabolism*, **2017**, 102, 4051-4059 | 5.6 | 19 |
| 40 | Long-term Protective Changes in Adipose Tissue After Gastric Bypass. *Diabetes Care*, **2017**, 40, 77-84 | 14.6 | 45 |
| 39 | Postprandial profiles of CCK after high fat and high carbohydrate meals and the relationship to satiety in humans. *Peptides*, **2016**, 77, 3-8 | 3.8 | 24 |
| 38 | The Adipose Transcriptional Response to Insulin Is Determined by Obesity, Not Insulin Sensitivity. *Cell Reports*, **2016**, 16, 2317-26 | 10.6 | 26 |

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|---|---|---|---|
| 37 | The epigenetic signature of systemic insulin resistance in obese women. *Diabetologia*, **2016**, 59, 2393-2405 | 10.3 | 44 |
| 36 | Whole-Exome Sequencing Suggests LAMB3 as a Susceptibility Gene for Morbid Obesity. *Diabetes*, **2016**, 65, 2980-9 | 0.9 | 13 |
| 35 | Endothelial PDGF-CC regulates angiogenesis-dependent thermogenesis in beige fat. *Nature Communications*, **2016**, 7, 12152 | 17.4 | 55 |
| 34 | Accelerometer-Measured Versus Self-Reported Physical Activity Levels and Sedentary Behavior in Women Before and 9 Months After Roux-en-Y Gastric Bypass. *Obesity Surgery*, **2016**, 26, 1463-70 | 3.7 | 33 |
| 33 | Validation of Obesity Surgery Data in the Swedish National Patient Registry and Scandinavian Obesity Registry (SOReg). *Obesity Surgery*, **2016**, 26, 1750-6 | 3.7 | 37 |
| 32 | Altered DNA methylation of glycolytic and lipogenic genes in liver from obese and type 2 diabetic patients. *Molecular Metabolism*, **2016**, 5, 171-183 | 8.8 | 74 |
| 31 | Differential methylation in inflammation and type 2 diabetes genes in siblings born before and after maternal bariatric surgery. *Obesity*, **2016**, 24, 250-61 | 8 | 27 |
| 30 | Genetic Predisposition to an Impaired Metabolism of the Branched-Chain Amino Acids and Risk of Type 2 Diabetes: A Mendelian Randomisation Analysis. *PLoS Medicine*, **2016**, 13, e1002179 | 11.6 | 214 |
| 29 | Adipose and Circulating CCL18 Levels Associate With Metabolic Risk Factors in Women. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 4021-4029 | 5.6 | 12 |
| 28 | Women undergoing Roux-en-Y Gastric Bypass surgery: Family resemblance in pre- to postsurgery physical activity and sedentary behavior in children and spouses. *Surgery for Obesity and Related Diseases*, **2015**, 11, 690-6 | 3 | 10 |
| 27 | Enhanced glucose metabolism in cultured human skeletal muscle after Roux-en-Y gastric bypass surgery. *Surgery for Obesity and Related Diseases*, **2015**, 11, 592-601 | 3 | 8 |
| 26 | Neuropeptide S inhibits gastrointestinal motility and increases mucosal permeability through nitric oxide. *American Journal of Physiology - Renal Physiology*, **2015**, 309, G625-34 | 5.1 | 7 |
| 25 | Children's weight status, body esteem, and self-concept after maternal gastric bypass surgery. *Surgery for Obesity and Related Diseases*, **2015**, 11, 927-32 | 3 | 7 |
| 24 | Exome sequencing followed by genotyping suggests SYPL2 as a susceptibility gene for morbid obesity. *European Journal of Human Genetics*, **2015**, 23, 1216-22 | 5.3 | 16 |
| 23 | Expression and Function of mARC: Roles in Lipogenesis and Metabolic Activation of Ximelagatran. *PLoS ONE*, **2015**, 10, e0138487 | 3.7 | 16 |
| 22 | Mouse-human experimental epigenetic analysis unmasks dietary targets and genetic liability for diabetic phenotypes. *Cell Metabolism*, **2015**, 21, 138-49 | 24.6 | 76 |
| 21 | Omentectomy in addition to gastric bypass surgery and influence on insulin sensitivity: a randomized double blind controlled trial. *Clinical Nutrition*, **2014**, 33, 991-6 | 5.9 | 33 |
| 20 | Fasting Leptin Is a Metabolic Determinant of Food Reward in Overweight and Obese Individuals during Chronic Aerobic Exercise Training. *International Journal of Endocrinology*, **2014**, 2014, 323728 | 2.7 | 16 |

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| 19 | Changes in subcutaneous fat cell volume and insulin sensitivity after weight loss. *Diabetes Care*, **2014**, 37, 1831-6 | 14.6 | 70 |
| 18 | Comment on: mechanisms of type 2 diabetes resolution after Roux-en-Y gastric bypass. *Surgery for Obesity and Related Diseases*, **2014**, 10, 1039-40 | 3 | |
| 17 | Early complications after laparoscopic gastric bypass surgery: results from the Scandinavian Obesity Surgery Registry. *Annals of Surgery*, **2014**, 260, 1040-7 | 7.8 | 116 |
| 16 | Altered promoter methylation of PDK4, IL1 B, IL6, and TNF after Roux-en Y gastric bypass. *Surgery for Obesity and Related Diseases*, **2014**, 10, 671-8 | 3 | 52 |
| 15 | Weight loss after gastric bypass surgery in human obesity remodels promoter methylation. *Cell Reports*, **2013**, 3, 1020-7 | 10.6 | 192 |
| 14 | Elucidating the mechanisms behind the restoration of euglycemia after gastric bypass surgery. *Diabetes*, **2013**, 62, 1012-3 | 0.9 | 1 |
| 13 | Surgically induced interpregnancy weight loss and prevalence of overweight and obesity in offspring. *PLoS ONE*, **2013**, 8, e82247 | 3.7 | 23 |
| 12 | Bioactive Peptides in GutBrain Signaling **2009**, 261-273 | | |
| 11 | Drug targets modulating the gut-appetite-metabolism axis. *Drug Discovery Today: Therapeutic Strategies*, **2007**, 4, 189-193 | | 2 |
| 10 | Appetite signaling: from gut peptides and enteric nerves to brain. *Physiology and Behavior*, **2007**, 92, 256-62 | 3.5 | 130 |
| 9 | Patient selection and the physiology of gastrointestinal antiobesity operations. *Surgical Clinics of North America*, **2005**, 85, 725-40, vi | 4 | 8 |
| 8 | Gut peptide hormones: importance for food intake. *Scandinavian Journal of Gastroenterology*, **2005**, 40, 250-8 | 2.4 | 7 |
| 7 | Prandial subcutaneous injections of glucagon-like peptide-1 cause weight loss in obese human subjects. *British Journal of Nutrition*, **2004**, 91, 439-46 | 3.6 | 123 |
| 6 | Glucagon-like peptide-1 analogue LY315902: effect on intestinal motility and release of insulin and somatostatin. *Regulatory Peptides*, **2002**, 106, 89-95 | | 20 |
| 5 | GLP-1 slows solid gastric emptying and inhibits insulin, glucagon, and PYY release in humans. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **1999**, 277, R910-6 | 3.2 | 118 |
| 4 | Gastric emptying of solids in humans: improved evaluation by Kaplan-Meier plots, with special reference to obesity and gender. *European Journal of Nuclear Medicine and Molecular Imaging*, **1996**, 23, 1562-7 | | 46 |
| 3 | Using convolutional neural network to predict remission of diabetes after gastric bypass surgery: a machine learning study from the Scandinavian Obesity Surgery Register | | 1 |
| 2 | 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 |

# List of Publications

1 Circadian Transcriptomic and Epigenomic Remodeling in Response to Lipid Overload and Human Obesity 1