

# Anders Thorell

## 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.

72  
papers

2,543  
citations

24  
h-index

49  
g-index

78  
ext. papers

3,225  
ext. citations

6.1  
avg, IF

5.02  
L-index

#	Paper	IF	Citations
72	Adherence to the enhanced recovery after surgery protocol and outcomes after colorectal cancer surgery. <i>Archives of Surgery</i> , <b>2011</b> , 146, 571-7		542
71	Adherence to the ERAS protocol is Associated with 5-Year Survival After Colorectal Cancer Surgery: A Retrospective Cohort Study. <i>World Journal of Surgery</i> , <b>2016</b> , 40, 1741-7	3.3	212
70	Preoperative oral carbohydrate treatment attenuates immediate postoperative insulin resistance. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2001</b> , 280, E576-83	6	203
69	Ursodeoxycholic acid exerts farnesoid X receptor-antagonistic effects on bile acid and lipid metabolism in morbid obesity. <i>Journal of Hepatology</i> , <b>2015</b> , 62, 1398-404	13.4	168
68	Closure of mesenteric defects in laparoscopic gastric bypass: a multicentre, randomised, parallel, open-label trial. <i>Lancet, The</i> , <b>2016</b> , 387, 1397-1404	4.0	161
67	Towards a multidisciplinary approach to understand and manage obesity and related diseases. <i>Clinical Nutrition</i> , <b>2017</b> , 36, 917-938	5.9	98
66	Changes in subcutaneous fat cell volume and insulin sensitivity after weight loss. <i>Diabetes Care</i> , <b>2014</b> , 37, 1831-6	14.6	70
65	Intensive insulin treatment in critically ill trauma patients normalizes glucose by reducing endogenous glucose production. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2004</b> , 89, 5382-6	5.6	62
64	Natural course vs interventions to clear common bile duct stones: data from the Swedish Registry for Gallstone Surgery and Endoscopic Retrograde Cholangiopancreatography (GallRiks). <i>JAMA Surgery</i> , <b>2014</b> , 149, 1008-13	5.4	50
63	Structural Diversity of Human Gastric Mucin Glycans. <i>Molecular and Cellular Proteomics</i> , <b>2017</b> , 16, 743-758	5.6	49
62	Long-term Protective Changes in Adipose Tissue After Gastric Bypass. <i>Diabetes Care</i> , <b>2017</b> , 40, 77-84	14.6	45
61	Postoperative induction of insulin-like growth factor binding protein-3 proteolytic activity: relation to insulin and insulin sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1998</b> , 83, 2509-15	5.6	45
60	Impact of fat mass and distribution on lipid turnover in human adipose tissue. <i>Nature Communications</i> , <b>2017</b> , 8, 15253	17.4	42
59	Flow Cytometry of Mouse and Human Adipocytes for the Analysis of Browning and Cellular Heterogeneity. <i>Cell Reports</i> , <b>2018</b> , 24, 2746-2756.e5	10.6	41
58	The epigenetic signature of subcutaneous fat cells is linked to altered expression of genes implicated in lipid metabolism in obese women. <i>Clinical Epigenetics</i> , <b>2015</b> , 7, 93	7.7	40
57	Toupet versus Dor as a procedure to prevent reflux after cardiomyotomy for achalasia: results of a randomised clinical trial. <i>International Journal of Surgery</i> , <b>2014</b> , 12, 673-80	7.5	38
56	Weight loss before gastric bypass and postoperative weight change: data from the Scandinavian Obesity Registry (SOReg). <i>Surgery for Obesity and Related Diseases</i> , <b>2016</b> , 12, 556-562	3	36

55	Omentectomy in addition to gastric bypass surgery and influence on insulin sensitivity: a randomized double blind controlled trial. <i>Clinical Nutrition</i> , <b>2014</b> , 33, 991-6	5.9	33
54	The hyperinsulinaemic-euglycaemic glucose clamp: reproducibility and metabolic effects of prolonged insulin infusion in healthy subjects. <i>Clinical Science</i> , <b>2000</b> , 98, 367-74	6.5	32
53	Comparison of Laparoscopic 270° Posterior Partial Fundoplication vs Total Fundoplication for the Treatment of Gastroesophageal Reflux Disease: A Randomized Clinical Trial. <i>JAMA Surgery</i> , <b>2019</b> , 154, 479-486	5.4	29
52	Obeticholic acid may increase the risk of gallstone formation in susceptible patients. <i>Journal of Hepatology</i> , <b>2019</b> , 71, 986-991	13.4	28
51	The Adipose Transcriptional Response to Insulin Is Determined by Obesity, Not Insulin Sensitivity. <i>Cell Reports</i> , <b>2016</b> , 16, 2317-26	10.6	26
50	Improved glucose metabolism after gastric bypass: evolution of the paradigm. <i>Surgery for Obesity and Related Diseases</i> , <b>2016</b> , 12, 1457-1465	3	26
49	FXR activation protects against NAFLD via bile-acid-dependent reductions in lipid absorption. <i>Cell Metabolism</i> , <b>2021</b> , 33, 1671-1684.e4	24.6	25
48	Liver macrophages inhibit the endogenous antioxidant response in obesity-associated insulin resistance. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	24
47	Glycemic Control after Sleeve Gastrectomy and Roux-En-Y Gastric Bypass in Obese Subjects with Type 2 Diabetes Mellitus. <i>Obesity Surgery</i> , <b>2018</b> , 28, 1461-1472	3.7	24
46	FXR-dependent Rubicon induction impairs autophagy in models of human cholestasis. <i>Journal of Hepatology</i> , <b>2020</b> , 72, 1122-1131	13.4	22
45	Determination of protein synthesis in lymphocytes in vivo after surgery. <i>Clinical Science</i> , <b>1996</b> , 91, 99-106	6.5	21
44	Omentectomy in Addition to Bariatric Surgery-a 5-Year Follow-up. <i>Obesity Surgery</i> , <b>2017</b> , 27, 1115-1118	3.7	19
43	Impact of age on risk of complications after gastric bypass: A cohort study from the Scandinavian Obesity Surgery Registry (SOReg). <i>Surgery for Obesity and Related Diseases</i> , <b>2018</b> , 14, 437-442	3	19
42	Determination of insulin resistance in surgery: the choice of method is crucial. <i>Clinical Nutrition</i> , <b>2015</b> , 34, 123-8	5.9	18
41	Ursodeoxycholic acid: Effects on hepatic unfolded protein response, apoptosis and oxidative stress in morbidly obese patients. <i>Liver International</i> , <b>2018</b> , 38, 523-531	7.9	18
40	Treatment of diabetes prior to and after bariatric surgery. <i>Journal of Diabetes Science and Technology</i> , <b>2012</b> , 6, 1226-32	4.1	18
39	Spatial mapping reveals human adipocyte subpopulations with distinct sensitivities to insulin. <i>Cell Metabolism</i> , <b>2021</b> , 33, 1869-1882.e6	24.6	18
38	Screening of potential adipokines identifies S100A4 as a marker of pernicious adipose tissue and insulin resistance. <i>International Journal of Obesity</i> , <b>2018</b> , 42, 2047-2056	5.5	17

37	Exome sequencing followed by genotyping suggests SYPL2 as a susceptibility gene for morbid obesity. <i>European Journal of Human Genetics</i> , <b>2015</b> , 23, 1216-22	5.3	16
36	Relationship between preoperative symptoms and improvement of quality of life in patients undergoing elective inguinal herniorrhaphy. <i>Surgery</i> , <b>2014</b> , 155, 106-13	3.6	14
35	Pancreatic Exocrine Insufficiency after Bariatric Surgery. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	14
34	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> , <b>2020</b> , 16, 65-70	3	14
33	Whole-Exome Sequencing Suggests LAMB3 as a Susceptibility Gene for Morbid Obesity. <i>Diabetes</i> , <b>2016</b> , 65, 2980-9	0.9	13
32	Long-Term Improvement in Aortic Pulse Wave Velocity After Weight Loss Can Be Predicted by White Adipose Tissue Factors. <i>American Journal of Hypertension</i> , <b>2018</b> , 31, 450-457	2.3	11
31	Guidelines for Perioperative Care in Bariatric Surgery: Enhanced Recovery After Surgery (ERAS) Society Recommendations: A 2021 Update.. <i>World Journal of Surgery</i> , <b>2022</b> , 1	3.3	11
30	Obesity and hyperinsulinemia drive adipocytes to activate a cell cycle program and senesce. <i>Nature Medicine</i> , <b>2021</b> , 27, 1941-1953	50.5	11
29	BabA-mediated adherence of pediatric ulcerogenic H. pylori strains to gastric mucins at neutral and acidic pH. <i>Virulence</i> , <b>2018</b> , 9, 1699-1717	4.7	11
28	Helicobacter suis infection alters glycosylation and decreases the pathogen growth inhibiting effect and binding avidity of gastric mucins. <i>Mucosal Immunology</i> , <b>2019</b> , 12, 784-794	9.2	10
27	Analyses of IGFBP2 DNA methylation and mRNA expression in visceral and subcutaneous adipose tissues of obese subjects. <i>Growth Hormone and IGF Research</i> , <b>2019</b> , 45, 31-36	2	9
26	BEST: Bypass equipoise sleeve trial; rationale and design of a randomized, registry-based, multicenter trial comparing Roux-en-Y gastric bypass with sleeve gastrectomy. <i>Contemporary Clinical Trials</i> , <b>2019</b> , 84, 105809	2.3	9
25	Sleeve gastrectomy and Roux-en-Y gastric bypass in the treatment of type 2 diabetes. Two-year results from a Swedish multicenter randomized controlled trial. <i>Surgery for Obesity and Related Diseases</i> , <b>2020</b> , 16, 1035-1044	3	8
24	Influence of the viscosity of healthy and diseased human mucins on the motility of Helicobacter pylori. <i>Scientific Reports</i> , <b>2018</b> , 8, 9710	4.9	8
23	Insulin resistance in bariatric surgery. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2020</b> , 23, 255-261	3.8	7
22	Body fat mass and distribution as predictors of metabolic outcome and weight loss after Roux-en-Y gastric bypass. <i>Surgery for Obesity and Related Diseases</i> , <b>2018</b> , 14, 936-942	3	7
21	Hepatic miR-144 Drives Fumarase Activity Preventing NRF2 Activation During Obesity. <i>Gastroenterology</i> , <b>2021</b> , 161, 1982-1997.e11	13.3	7
20	Health-Related Quality of Life 5 Years After Roux-en-Y Gastric Bypass in Young (18-25 Years) Versus Older (≥6 Years) Adults: a Scandinavian Obesity Surgery Registry Study. <i>Obesity Surgery</i> , <b>2019</b> , 29, 434-443	3.7	6

19	Metabolic Impact of Body Fat Percentage Independent of Body Mass Index in Women with Obesity Remission After Gastric Bypass. <i>Obesity Surgery</i> , <b>2020</b> , 30, 1086-1092	3.7	5
18	Human White Adipose Tissue Displays Selective Insulin Resistance in the Obese State. <i>Diabetes</i> , <b>2021</b> , 70, 1486-1497	0.9	5
17	Weight loss, adverse events, and loss to follow-up after gastric bypass in young versus older adults: A Scandinavian Obesity Surgery Registry study. <i>Surgery for Obesity and Related Diseases</i> , <b>2018</b> , 14, 1319-1326	3.3	5
16	Free dissociable IGF-I: Association with changes in IGFBP-3 proteolysis and insulin sensitivity after surgery. <i>Clinical Nutrition</i> , <b>2016</b> , 35, 408-413	5.9	4
15	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> , <b>2018</b> , 18, 25	2.3	4
14	Assessment of family functioning: evaluation of the General Functioning Scale in a Swedish Bariatric Sample. <i>Scandinavian Journal of Caring Sciences</i> , <b>2016</b> , 30, 614-22	2.3	3
13	Impact of gastroesophageal reflux control through tailored proton pump inhibition therapy or fundoplication in patients with Barrett's esophagus. <i>World Journal of Gastroenterology</i> , <b>2017</b> , 23, 3174-3183	5.6	2
12	The 2020 ESPEN Arvid Wretling lecture: Metabolic response in bariatric surgery - Mechanisms and clinical implications. <i>Clinical Nutrition</i> , <b>2021</b> , 40, 2602-2608	5.9	2
11	The Jejunojejunostomy: an Achilles Heel of the Roux-en-Y Gastric Bypass Construction. <i>Obesity Surgery</i> , <b>2021</b> , 31, 5141-5147	3.7	2
10	Novel/experimental bariatric techniques. <i>Digestive Surgery</i> , <b>2014</b> , 31, 55-9	2.5	1
9	Does Focus Improve Performance in Elective Surgery? A Study of Obesity Surgery in Sweden. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	1
8	Author response to: Tension-free mesh versus suture-alone cruroplasty in antireflux surgery: a randomized, double-blind clinical trial. <i>British Journal of Surgery</i> , <b>2021</b> , 108, e253	5.3	1
7	Surgical Technique in Constructing the Jejuno-jejunostomy and the Risk of Small Bowel Obstruction after Roux-en-Y Gastric Bypass. <i>Surgery for Obesity and Related Diseases</i> , <b>2022</b> ,	3	1
6	The association of bariatric surgery and Dupuytren's disease: a propensity score-matched cohort study. <i>Journal of Hand Surgery: European Volume</i> , <b>2021</b> , 17531934211062023	1.4	0
5	Association of Mesh and Fixation Options with Reoperation Risk after Laparoscopic Groin Hernia Surgery: A Swedish Hernia Registry Study of 25,190 Totally Extraperitoneal and Transabdominal Preperitoneal Repairs.. <i>Journal of the American College of Surgeons</i> , <b>2022</b> , 234, 311-325	4.4	0
4	Reply to: "preoperative symptoms and inguinal herniorrhaphy". <i>Surgery</i> , <b>2014</b> , 156, 741	3.6	
3	Comment on: Does ERAS impact outcomes of laparoscopic sleeve gastrectomy in adolescents?. <i>Surgery for Obesity and Related Diseases</i> , <b>2020</b> , 16, 1926-1927	3	
2	Comment on: "Metabolic preparation" before metabolic surgery. <i>Surgery for Obesity and Related Diseases</i> , <b>2016</b> , 12, 1327-1328	3	

1 Comment on: Enhanced recovery after surgery for sleeve gastrectomies: improved patient outcomes. *Surgery for Obesity and Related Diseases*, **2021**, 17, 1547-1548

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