Anders Thorell

List of Publications by Year in descending order

77 papers	3,974 citations	159358 30 h-index	123241 61 g-index
78 all docs	78 docs citations	78 times ranked	5400 citing authors

#	Article	IF	Citations
1	Adherence to the Enhanced Recovery After Surgery Protocol and Outcomes After Colorectal Cancer Surgery. Archives of Surgery, 2011, 146, 571.	2.3	707
2	Adherence to the ERAS protocol is Associated with 5â€¥ear Survival After Colorectal Cancer Surgery: A Retrospective Cohort Study. World Journal of Surgery, 2016, 40, 1741-1747.	0.8	290
3	Preoperative oral carbohydrate treatment attenuates immediate postoperative insulin resistance. American Journal of Physiology - Endocrinology and Metabolism, 2001, 280, E576-E583.	1.8	240
4	Ursodeoxycholic acid exerts farnesoid X receptor-antagonistic effects on bile acid and lipid metabolism in morbid obesity. Journal of Hepatology, 2015, 62, 1398-1404.	1.8	236
5	Closure of mesenteric defects in laparoscopic gastric bypass: a multicentre, randomised, parallel, open-label trial. Lancet, The, 2016, 387, 1397-1404.	6.3	225
6	FXR activation protects against NAFLD via bile-acid-dependent reductions in lipid absorption. Cell Metabolism, 2021, 33, 1671-1684.e4.	7.2	165
7	Towards a multidisciplinary approach to understand and manage obesity and related diseases. Clinical Nutrition, 2017, 36, 917-938.	2.3	141
8	Guidelines for Perioperative Care in Bariatric Surgery: Enhanced Recovery After Surgery (ERAS) Society Recommendations: A 2021 Update. World Journal of Surgery, 2022, 46, 729-751.	0.8	132
9	Spatial mapping reveals human adipocyte subpopulations with distinct sensitivities to insulin. Cell Metabolism, 2021, 33, 1869-1882.e6.	7.2	92
10	Natural Course vs Interventions to Clear Common Bile Duct Stones. JAMA Surgery, 2014, 149, 1008.	2.2	87
11	Changes in Subcutaneous Fat Cell Volume and Insulin Sensitivity After Weight Loss. Diabetes Care, 2014, 37, 1831-1836.	4.3	84
12	Obesity and hyperinsulinemia drive adipocytes to activate a cell cycle program and senesce. Nature Medicine, 2021, 27, 1941-1953.	15.2	79
13	Impact of fat mass and distribution on lipid turnover in human adipose tissue. Nature Communications, 2017, 8, 15253.	5.8	71
14	Intensive Insulin Treatment in Critically Ill Trauma Patients Normalizes Glucose by Reducing Endogenous Glucose Production. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 5382-5386.	1.8	70
15	Structural Diversity of Human Gastric Mucin Glycans. Molecular and Cellular Proteomics, 2017, 16, 743-758.	2.5	66
16	Flow Cytometry of Mouse and Human Adipocytes for the Analysis of Browning and Cellular Heterogeneity. Cell Reports, 2018, 24, 2746-2756.e5.	2.9	65
17	Long-term Protective Changes in Adipose Tissue After Gastric Bypass. Diabetes Care, 2017, 40, 77-84.	4.3	64
18	Comparison of Laparoscopic 270Â° Posterior Partial Fundoplication vs Total Fundoplication for the Treatment of Gastroesophageal Reflux Disease. JAMA Surgery, 2019, 154, 479.	2.2	56

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19	The epigenetic signature of subcutaneous fat cells is linked to altered expression of genes implicated in lipid metabolism in obese women. Clinical Epigenetics, 2015, 7, 93.	1.8	54
20	Toupet versus Dor as a procedure to prevent reflux after cardiomyotomy for achalasia: Results of a randomised clinical trial. International Journal of Surgery, 2014, 12, 673-680.	1.1	51
21	Postoperative Induction of Insulin-Like Growth Factor Binding Protein-3 Proteolytic Activity: Relation to Insulin and Insulin Sensitivity¹. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 2509-2515.	1.8	50
22	FXR-dependent Rubicon induction impairs autophagy in models of human cholestasis. Journal of Hepatology, 2020, 72, 1122-1131.	1.8	47
23	Weight loss before gastric bypass and postoperative weight change: data from the Scandinavian Obesity Registry (SOReg). Surgery for Obesity and Related Diseases, 2016, 12, 556-562.	1.0	45
24	Obeticholic acid may increase the risk of gallstone formation in susceptible patients. Journal of Hepatology, 2019, 71, 986-991.	1.8	44
25	Liver macrophages inhibit the endogenous antioxidant response in obesity-associated insulin resistance. Science Translational Medicine, 2020, 12, .	5.8	43
26	The hyperinsulinaemicâ€“euglycaemic glucose clamp: reproducibility and metabolic effects of prolonged insulin infusion in healthy subjects. Clinical Science, 2000, 98, 367-374.	1.8	42
27	Glycemic Control after Sleeve Gastrectomy and Roux-En-Y Gastric Bypass in Obese Subjects with Type 2 Diabetes Mellitus. Obesity Surgery, 2018, 28, 1461-1472.	1.1	40
28	Omentectomy in addition to gastric bypass surgery and influence on insulin sensitivity: A randomized double blind controlled trial. Clinical Nutrition, 2014, 33, 991-996.	2.3	37
29	The Adipose Transcriptional Response to Insulin Is Determined by Obesity, Not Insulin Sensitivity. Cell Reports, 2016, 16, 2317-2326.	2.9	35
30	Hepatic miR-144 Drives Fumarase Activity Preventing NRF2 Activation During Obesity. Gastroenterology, 2021, 161, 1982-1997.e11.	0.6	34
31	Improved glucose metabolism after gastric bypass: evolution of the paradigm. Surgery for Obesity and Related Diseases, 2016, 12, 1457-1465.	1.0	32
32	Treatment of Diabetes Prior to and after Bariatric Surgery. Journal of Diabetes Science and Technology, 2012, 6, 1226-1232.	1.3	31
33	Pancreatic Exocrine Insufficiency after Bariatric Surgery. Nutrients, 2017, 9, 1241.	1.7	30
34	Ursodeoxycholic acid: Effects on hepatic unfolded protein response, apoptosis and oxidative stress in morbidly obese patients. Liver International, 2018, 38, 523-531.	1.9	28
35	Omentectomy in Addition to Bariatric Surgeryâ€”a 5-Year Follow-up. Obesity Surgery, 2017, 27, 1115-1118.	1.1	26
36	Determination of insulin resistance in surgery: The choice of method is crucial. Clinical Nutrition, 2015, 34, 123-128.	2.3	24

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37	Screening of potential adipokines identifies S100A4 as a marker of pernicious adipose tissue and insulin resistance. International Journal of Obesity, 2018, 42, 2047-2056.	1.6	24
38	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. Surgery for Obesity and Related Diseases, 2020, 16, 1035-1044.	1.0	23
39	Impact of age on risk of complications after gastric bypass: A cohort study from the Scandinavian Obesity Surgery Registry (SOReg). Surgery for Obesity and Related Diseases, 2018, 14, 437-442.	1.0	22
40	Helicobacter suis infection alters glycosylation and decreases the pathogen growth inhibiting effect and binding avidity of gastric mucins. Mucosal Immunology, 2019, 12, 784-794.	2.7	22
41	Determination of Protein Synthesis in Lymphocytes in Vivo after Surgery. Clinical Science, 1996, 91, 99-106.	1.8	21
42	Exome sequencing followed by genotyping suggests SYPL2 as a susceptibility gene for morbid obesity. European Journal of Human Genetics, 2015, 23, 1216-1222.	1.4	21
43	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.	1.0	17
44	Whole-Exome Sequencing Suggests LAMB3 as a Susceptibility Gene for Morbid Obesity. Diabetes, 2016, 65, 2980-2989.	0.3	16
45	Insulin resistance in bariatric surgery. Current Opinion in Clinical Nutrition and Metabolic Care, 2020, 23, 255-261.	1.3	16
46	Human White Adipose Tissue Displays Selective Insulin Resistance in the Obese State. Diabetes, 2021, 70, 1486-1497.	0.3	16
47	Relationship between preoperative symptoms and improvement of quality of life in patients undergoing elective inguinal herniorrhaphy. Surgery, 2014, 155, 106-113.	1.0	15
48	Clinical Outcomes of a Laparoscopic Total vs a 270Â° Posterior Partial Fundoplication in Chronic Gastroesophageal Reflux Disease. JAMA Surgery, 2022, 157, 473.	2.2	15
49	BabA-mediated adherence of pediatric ulcerogenic H. pylori strains to gastric mucins at neutral and acidic pH. Virulence, 2018, 9, 1699-1717.	1.8	14
50	BEST: Bypass equipoise sleeve trial; rationale and design of a randomized, registry-based, multicenter trial comparing Roux-en-Y gastric bypass with sleeve gastrectomy. Contemporary Clinical Trials, 2019, 84, 105809.	0.8	14
51	Analyses of IGFBP2 DNA methylation and mRNA expression in visceral and subcutaneous adipose tissues of obese subjects. Growth Hormone and IGF Research, 2019, 45, 31-36.	0.5	14
52	Body fat mass and distribution as predictors of metabolic outcome and weight loss after Roux-en-Y gastric bypass. Surgery for Obesity and Related Diseases, 2018, 14, 936-942.	1.0	13
53	Influence of the viscosity of healthy and diseased human mucins on the motility of Helicobacter pylori. Scientific Reports, 2018, 8, 9710.	1.6	13
54	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. Journal of the American College of Surgeons, 2022, 234, 311-325.	0.2	13

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55	Long-Term Improvement in Aortic Pulse Wave Velocity After Weight Loss Can Be Predicted by White Adipose Tissue Factors. American Journal of Hypertension, 2018, 31, 450-457.	1.0	12
56	The Jejunojejunostomy: an Achilles Heel of the Roux-en-Y Gastric Bypass Construction. Obesity Surgery, 2021, 31, 5141-5147.	1.1	11
57	Health-Related Quality of Life 5ÂYears After Roux-en-Y Gastric Bypass in Young (18â€“25ÂYears) Versus Older (â‰¥â€‰26ÂYears) Adults: a Scandinavian Obesity Surgery Registry Study. Obesity Surgery, 2019, 29, 434-443.	1.1	10
58	Weight loss, adverse events, and loss to follow-up after gastric bypass in young versus older adults: A Scandinavian Obesity Surgery Registry study. Surgery for Obesity and Related Diseases, 2018, 14, 1319-1326.	1.0	9
59	Metabolic Impact of Body Fat Percentage Independent of Body Mass Index in Women with Obesity Remission After Gastric Bypass. Obesity Surgery, 2020, 30, 1086-1092.	1.1	9
60	Free dissociable IGF-I: Association with changes in IGFBP-3 proteolysis and insulin sensitivity after surgery. Clinical Nutrition, 2016, 35, 408-413.	2.3	7
61	Assessment of family functioning: evaluation of the General Functioning Scale in a Swedish Bariatric Sample. Scandinavian Journal of Caring Sciences, 2016, 30, 614-622.	1.0	4
62	A dissonance-based intervention for women post roux-en-Y gastric bypass surgery aiming at improving quality of life and physical activity 24Âmonths after surgery: study protocol for a randomized controlled trial. BMC Surgery, 2018, 18, 25.	0.6	4
63	The 2020 ESPEN Arvid Wretlind lecture: Metabolic response in bariatric surgery â€“ Mechanisms and clinical implications. Clinical Nutrition, 2021, 40, 2602-2608.	2.3	4
64	Impact of gastroesophageal reflux control through tailored proton pump inhibition therapy or fundoplication in patients with Barrettâ€™s esophagus. World Journal of Gastroenterology, 2017, 23, 3174.	1.4	4
65	Total versus partial posterior fundoplication in the surgical repair of para-oesophageal hernias: randomized clinical trial. BJS Open, 2022, 6, .	0.7	4
66	Surgical technique in constructing the jejunojejunostomy and the risk of small bowel obstruction after Roux-en-Y gastric bypass. Surgery for Obesity and Related Diseases, 2022, 18, 1151-1159.	1.0	4
67	The association of bariatric surgery and Dupuytrenâ€™s disease: a propensity score-matched cohort study. Journal of Hand Surgery: European Volume, 2022, 47, 288-295.	0.5	3
68	Lipolysis defect in people with obesity who undergo metabolic surgery. Journal of Internal Medicine, 2022, 292, 667-678.	2.7	3
69	Effect of age on quality of life after gastric bypass: data from the Scandinavian Obesity Surgery Registry. Surgery for Obesity and Related Diseases, 2022, 18, 1313-1322.	1.0	2
70	Novel/Experimental Bariatric Techniques. Digestive Surgery, 2014, 31, 55-59.	0.6	1
71	Does Focus Improve Performance in Elective Surgery? A Study of Obesity Surgery in Sweden. International Journal of Environmental Research and Public Health, 2020, 17, 6682.	1.2	1
72	Author response to: Tension-free mesh versus suture-alone cruroplasty in antireflux surgery: a randomized, double-blind clinical trial. British Journal of Surgery, 2021, 108, e253-e253.	0.1	1

#	Article	IF	Citations
73	The association between bariatric surgery and cataract: a propensity score-matched cohort study. Surgery for Obesity and Related Diseases, 2022, 18, 217-224.	1.0	1
74	Reply to: â€œPreoperative symptoms and inguinal herniorrhaphyâ€• Surgery, 2014, 156, 741.	1.0	0
75	Comment on: â€œMetabolic preparationâ€•before metabolic surgery. Surgery for Obesity and Related Diseases, 2016, 12, 1327-1328.	1.0	0
76	Comment on: Enhanced recovery after surgery for sleeve gastrectomies: improved patient outcomes. Surgery for Obesity and Related Diseases, 2021, 17, 1547-1548.	1.0	0
77	Comment on: Does ERAS impact outcomes of laparoscopic sleeve gastrectomy in adolescents?. Surgery for Obesity and Related Diseases, 2020, 16, 1926-1927.	1.0	0