

# Ali Tavakkoli

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

2,156  
citations

394421

19  
h-index

243625

44  
g-index

69  
all docs

69  
docs citations

69  
times ranked

3730  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic reprogramming of natural killer cells in obesity limits antitumor responses. <i>Nature Immunology</i> , 2018, 19, 1330-1340.	14.5	396
2	β <sup>1</sup> T cells producing interleukin-17A regulate adipose regulatory T cell homeostasis and thermogenesis. <i>Nature Immunology</i> , 2018, 19, 464-474.	14.5	255
3	Adipose Type One Innate Lymphoid Cells Regulate Macrophage Homeostasis through Targeted Cytotoxicity. <i>Immunity</i> , 2017, 46, 273-286.	14.3	166
4	Targeted nanoparticles for colorectal cancer. <i>Nanomedicine</i> , 2016, 11, 2443-2456.	3.3	117
5	An appraisal of the learning curve in robotic general surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017, 31, 4583-4596.	2.4	113
6	Coronary Microvascular Dysfunction and Cardiovascular Risk in Obese Patients. <i>Journal of the American College of Cardiology</i> , 2018, 72, 707-717.	2.8	103
7	The Effect of Laparoscopic Sleeve Gastrectomy with Concomitant Hiatal Hernia Repair on Gastroesophageal Reflux Disease in the Morbidly Obese. <i>Obesity Surgery</i> , 2016, 26, 61-66.	2.1	83
8	Interventions and Operations 5 Years After Bariatric Surgery in a Cohort From the US National Patient-Centered Clinical Research Network Bariatric Study. <i>JAMA Surgery</i> , 2020, 155, 194.	4.3	82
9	Bariatric surgery reveals a gut-restricted TGR5 agonist with anti-diabetic effects. <i>Nature Chemical Biology</i> , 2021, 17, 20-29.	8.0	82
10	Effect of Roux-en-Y Gastric Bypass Surgery on Bile Acid Metabolism in Normal and Obese Diabetic Rats. <i>PLoS ONE</i> , 2015, 10, e0122273.	2.5	63
11	Phosphorylation of Beta-3 adrenergic receptor at serine 247 by ERK MAP kinase drives lipolysis in obese adipocytes. <i>Molecular Metabolism</i> , 2018, 12, 25-38.	6.5	57
12	What is the BMI threshold for open ventral hernia repair?. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017, 31, 1311-1317.	2.4	56
13	Therapeutic luminal coating of the intestine. <i>Nature Materials</i> , 2018, 17, 834-842.	27.5	46
14	Insulin Cessation and Diabetes Remission After Bariatric Surgery in Adults With Insulin-Treated Type 2 Diabetes. <i>Diabetes Care</i> , 2015, 38, 659-664.	8.6	39
15	Foregut Exclusion Disrupts Intestinal Glucose Sensing and Alters Portal Nutrient and Hormonal Milieu. <i>Diabetes</i> , 2015, 64, 1941-1950.	0.6	28
16	Short-Term Outcomes of Inflammatory Bowel Disease after Roux-en-Y Gastric Bypass vs Sleeve Gastrectomy. <i>Journal of the American College of Surgeons</i> , 2019, 228, 893-901e1.	0.5	26
17	Noninvasive intraductal papillary mucinous neoplasms and mucinous cystic neoplasms: Recurrence rates andÂpostoperative imaging follow-up. <i>Surgery</i> , 2015, 157, 473-483.	1.9	24
18	Intestinal sweet-sensing pathways and metabolic changes after Roux-en-Y gastric bypass surgery. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, G588-G593.	3.4	23

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19	Pre-operative Predictors of Weight Loss and Weight Regain Following Roux-en-Y Gastric Bypass Surgery: a Prospective Human Study. Obesity Surgery, 2020, 30, 4852-4859.	2.1	22
20	Gastric Banding Surgery versus Continuous Positive Airway Pressure for Obstructive Sleep Apnea: A Randomized Controlled Trial. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 1080-1083.	5.6	21
21	Comparison of early type 2 diabetes improvement after gastric bypass and sleeve gastrectomy: medication cessation at discharge predicts 1-year outcomes. Surgery for Obesity and Related Diseases, 2019, 15, 2025-2032.	1.2	21
22	The Impact of Bariatric Surgery on Pelvic Floor Dysfunction: A Systematic Review. Journal of Minimally Invasive Gynecology, 2019, 26, 816-825.	0.6	21
23	Laparoscopic versus open splenectomy for splenomegaly: the verdict is unclear. Surgical Endoscopy and Other Interventional Techniques, 2019, 33, 1298-1303.	2.4	20
24	Surgical site occurrences, not body mass index, increase the long-term risk of ventral hernia recurrence. Surgery, 2020, 167, 765-771.	1.9	17
25	Sleeve gastrectomy enhances glucose utilization and remodels adipose tissue independent of weight loss. American Journal of Physiology - Endocrinology and Metabolism, 2020, 318, E678-E688.	3.5	17
26	Sleeve Gastrectomy and Roux-en-Y Gastric Bypass Attenuate Pro-inflammatory Small Intestinal Cytokine Signatures. Obesity Surgery, 2019, 29, 3824-3832.	2.1	15
27	Effect of Portal Glucose Sensing on Systemic Glucose Levels in SD and ZDF Rats. PLoS ONE, 2016, 11, e0165592.	2.5	15
28	Adrenalectomy for Secondary Malignancy: Patients, Outcomes, and Indications. Annals of Surgery, 2021, 274, 1073-1080.	4.2	15
29	Laparoscopic Versus Open Splenectomy: The Impact of Spleen Size on Outcomes. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2013, 23, 760-764.	1.0	14
30	Hiatal hernia repair and gastroesophageal reflux disease in gastric banding patients: Analysis of a national database. Surgery for Obesity and Related Diseases, 2014, 10, 438-443.	1.2	14
31	A Novel Mixed Reality Navigation System for Laparoscopy Surgery. Lecture Notes in Computer Science, 2018, 11073, 72-80.	1.3	13
32	Patterns of Weight Loss Medication Utilization and Outcomes Following Bariatric Surgery. Journal of Gastrointestinal Surgery, 2021, 25, 369-377.	1.7	13
33	Demographic Disparity in Use of Telemedicine for Ambulatory General Surgical Consultation During the COVID-19 Pandemic: Analysis of the Initial Public Health Emergency and Second Phase Periods. Journal of the American College of Surgeons, 2022, 234, 191-202.	0.5	13
34	Association of Bariatric Surgery Status with Reduced HER2+ Breast Cancers: a Retrospective Cohort Study. Obesity Surgery, 2019, 29, 1092-1098.	2.1	12
35	Early Changes in Immune Cell Count, Metabolism, and Function Following Sleeve Gastrectomy: A Prospective Human Study. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e619-e630.	3.6	11
36	Survival After Adrenalectomy for Metastatic Lung Cancer. Annals of Surgical Oncology, 2022, 29, 2571-2579.	1.5	11

#	ARTICLE	IF	CITATIONS
37	Timing and Outcomes of Abdominal Surgery in Neutropenic Patients. Journal of Gastrointestinal Surgery, 2019, 23, 643-650.	1.7	10
38	Restored TDCA and valine levels imitate the effects of bariatric surgery. ELife, 2021, 10, .	6.0	9
39	Interest in bariatric surgery among obese patients with obstructive sleep apnea. Surgery for Obesity and Related Diseases, 2015, 11, 1146-1151.	1.2	8
40	Predicting venous thrombosis in patients undergoing elective splenectomy. Surgical Endoscopy and Other Interventional Techniques, 2020, 34, 2191-2196.	2.4	8
41	Development and Validation of New BODY-Q Scales Measuring Expectations, Eating Behavior, Distress, Symptoms, and Work Life in 4004 Adults From 4 Countries. Obesity Surgery, 2021, 31, 3637-3645.	2.1	7
42	An Effort to Develop an Algorithm to Target Abdominal CT Scans for Patients After Gastric Bypass. Obesity Surgery, 2016, 26, 2543-2546.	2.1	6
43	Safety and efficacy of single-stage conversion of failed adjustable gastric band to laparoscopic Roux-en-Y gastric bypass: a caseâ€“control study. Surgical Endoscopy and Other Interventional Techniques, 2016, 30, 5453-5458.	2.4	6
44	Portal milieu and the interplay of multiple antidiabetic effects after gastric bypass surgery. American Journal of Physiology - Renal Physiology, 2019, 316, G668-G678.	3.4	6
45	BODY-Q patient-reported outcomes measure (PROM) to assess sleeve gastrectomy vs. Roux-en-Y gastric bypass: eating behavior, eating-related distress, and eating-related symptoms. Surgical Endoscopy and Other Interventional Techniques, 2020, 35, 4609-4617.	2.4	6
46	The impact of lipomatous tumors on type 2 diabetes: are adipose-derived tumors metabolically active?. Journal of Surgical Research, 2018, 222, 48-54.	1.6	3
47	Impact of Bariatric Surgery on Endometrial Cancer Tumor Pathology. Obesity Surgery, 2021, 31, 2426-2433.	2.1	3
48	Fellowship training influences learning curves for laparoscopic sleeve gastrectomy. Surgical Endoscopy and Other Interventional Techniques, 2022, 36, 1601-1608.	2.4	3
49	Physiologic Mechanisms of Weight Loss Following Metabolic/Bariatric Surgery. Surgical Clinics of North America, 2021, 101, 223-237.	1.5	3
50	Weight and organ specific immune cell profiling of sleeve gastrectomy in mice. Metabolism: Clinical and Experimental, 2021, 118, 154729.	3.4	3
51	Daily transient coating of the intestine leads to weight loss and improved glucose tolerance. Metabolism: Clinical and Experimental, 2022, 126, 154917.	3.4	3
52	Making the Connection. New England Journal of Medicine, 2017, 376, 476-482.	27.0	2
53	Safety and effectiveness of 1-stage conversion of adjustable gastric band-to-sleeve gastrectomy: a single-institution caseâ€“control study. Surgery for Obesity and Related Diseases, 2022, 18, 95-101.	1.2	2
54	Multiple simultaneous small bowel intussusceptions in an adult. Journal of Surgical Case Reports, 2012, 2012, rjs011-rjs011.	0.4	1

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55	Comment on: Revisional surgery after failed gastric banding: results of one-stage conversion to RYGB in 195 patients. Surgery for Obesity and Related Diseases, 2014, 10, 1083-1084.	1.2	1
56	Is Early Bariatric Surgery the Answer for Diabetes in Obesity?. JAMA Surgery, 2016, 151, 806.	4.3	1
57	Translating stakeholder-driven comparative effectiveness research into practice: the PCORnet Bariatric Study. Journal of Comparative Effectiveness Research, 2020, 9, 1035-1041.	1.4	1
58	Comment on: Vertical sleeve gastrectomy specimens have a high prevalence of unexpected histopathologic findings requiring additional clinical management. Surgery for Obesity and Related Diseases, 2015, 11, 1024.	1.2	0
59	ASO Visual Abstract: Survival After Adrenalectomy for Metastatic Lung Cancer. Annals of Surgical Oncology, 2022, , 1.	1.5	0