

Ali Tavakkoli

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

2,156
citations

448610

19
h-index

274796

44
g-index

69
all docs

69
docs citations

69
times ranked

4004
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.	7.0	396
2	Î³Î³ T cells producing interleukin-17A regulate adipose regulatory T cell homeostasis and thermogenesis. <i>Nature Immunology</i> , 2018, 19, 464-474.	7.0	255
3	Adipose Type One Innate Lymphoid Cells Regulate Macrophage Homeostasis through Targeted Cytotoxicity. <i>Immunity</i> , 2017, 46, 273-286.	6.6	166
4	Targeted nanoparticles for colorectal cancer. <i>Nanomedicine</i> , 2016, 11, 2443-2456.	1.7	117
5	An appraisal of the learning curve in robotic general surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017, 31, 4583-4596.	1.3	113
6	Coronary Microvascular Dysfunction and Cardiovascular Risk in Obese Patients. <i>Journal of the American College of Cardiology</i> , 2018, 72, 707-717.	1.2	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.	1.1	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.	2.2	82
9	Bariatric surgery reveals a gut-restricted TGR5 agonist with anti-diabetic effects. <i>Nature Chemical Biology</i> , 2021, 17, 20-29.	3.9	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.	1.1	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.	3.0	57
12	What is the BMI threshold for open ventral hernia repair?. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017, 31, 1311-1317.	1.3	56
13	Therapeutic luminal coating of the intestine. <i>Nature Materials</i> , 2018, 17, 834-842.	13.3	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.	4.3	39
15	Foregut Exclusion Disrupts Intestinal Glucose Sensing and Alters Portal Nutrient and Hormonal Milieu. <i>Diabetes</i> , 2015, 64, 1941-1950.	0.3	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.	0.2	26
17	Noninvasive intraductal papillary mucinous neoplasms and mucinous cystic neoplasms: Recurrence rates andÂpostoperative imaging follow-up. <i>Surgery</i> , 2015, 157, 473-483.	1.0	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.	1.6	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. <i>Obesity Surgery</i> , 2020, 30, 4852-4859.	1.1	22
20	Gastric Banding Surgery versus Continuous Positive Airway Pressure for Obstructive Sleep Apnea: A Randomized Controlled Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1080-1083.	2.5	21
21	Comparison of early type 2 diabetes improvement after gastric bypass and sleeve gastrectomy: medication cessation at discharge predicts 1-year outcomes. <i>Surgery for Obesity and Related Diseases</i> , 2019, 15, 2025-2032.	1.0	21
22	The Impact of Bariatric Surgery on Pelvic Floor Dysfunction: A Systematic Review. <i>Journal of Minimally Invasive Gynecology</i> , 2019, 26, 816-825.	0.3	21
23	Laparoscopic versus open splenectomy for splenomegaly: the verdict is unclear. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 1298-1303.	1.3	20
24	Surgical site occurrences, not body mass index, increase the long-term risk of ventral hernia recurrence. <i>Surgery</i> , 2020, 167, 765-771.	1.0	17
25	Sleeve gastrectomy enhances glucose utilization and remodels adipose tissue independent of weight loss. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E678-E688.	1.8	17
26	Sleeve Gastrectomy and Roux-en-Y Gastric Bypass Attenuate Pro-inflammatory Small Intestinal Cytokine Signatures. <i>Obesity Surgery</i> , 2019, 29, 3824-3832.	1.1	15
27	Effect of Portal Glucose Sensing on Systemic Glucose Levels in SD and ZDF Rats. <i>PLoS ONE</i> , 2016, 11, e0165592.	1.1	15
28	Adrenalectomy for Secondary Malignancy: Patients, Outcomes, and Indications. <i>Annals of Surgery</i> , 2021, 274, 1073-1080.	2.1	15
29	Laparoscopic Versus Open Splenectomy: The Impact of Spleen Size on Outcomes. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2013, 23, 760-764.	0.5	14
30	Hiatal hernia repair and gastroesophageal reflux disease in gastric banding patients: Analysis of a national database. <i>Surgery for Obesity and Related Diseases</i> , 2014, 10, 438-443.	1.0	14
31	A Novel Mixed Reality Navigation System for Laparoscopy Surgery. <i>Lecture Notes in Computer Science</i> , 2018, 11073, 72-80.	1.0	13
32	Patterns of Weight Loss Medication Utilization and Outcomes Following Bariatric Surgery. <i>Journal of Gastrointestinal Surgery</i> , 2021, 25, 369-377.	0.9	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. <i>Journal of the American College of Surgeons</i> , 2022, 234, 191-202.	0.2	13
34	Association of Bariatric Surgery Status with Reduced HER2+ Breast Cancers: a Retrospective Cohort Study. <i>Obesity Surgery</i> , 2019, 29, 1092-1098.	1.1	12
35	Early Changes in Immune Cell Count, Metabolism, and Function Following Sleeve Gastrectomy: A Prospective Human Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e619-e630.	1.8	11
36	Survival After Adrenalectomy for Metastatic Lung Cancer. <i>Annals of Surgical Oncology</i> , 2022, 29, 2571-2579.	0.7	11

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37	Timing and Outcomes of Abdominal Surgery in Neutropenic Patients. <i>Journal of Gastrointestinal Surgery</i> , 2019, 23, 643-650.	0.9	10
38	Restored TDCA and valine levels imitate the effects of bariatric surgery. <i>ELife</i> , 2021, 10, .	2.8	9
39	Interest in bariatric surgery among obese patients with obstructive sleep apnea. <i>Surgery for Obesity and Related Diseases</i> , 2015, 11, 1146-1151.	1.0	8
40	Predicting venous thrombosis in patients undergoing elective splenectomy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020, 34, 2191-2196.	1.3	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. <i>Obesity Surgery</i> , 2021, 31, 3637-3645.	1.1	7
42	An Effort to Develop an Algorithm to Target Abdominal CT Scans for Patients After Gastric Bypass. <i>Obesity Surgery</i> , 2016, 26, 2543-2546.	1.1	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. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2016, 30, 5453-5458.	1.3	6
44	Portal milieu and the interplay of multiple antidiabetic effects after gastric bypass surgery. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, G668-G678.	1.6	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. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020, 35, 4609-4617.	1.3	6
46	The impact of lipomatous tumors on type 2 diabetes: are adipose-derived tumors metabolically active?. <i>Journal of Surgical Research</i> , 2018, 222, 48-54.	0.8	3
47	Impact of Bariatric Surgery on Endometrial Cancer Tumor Pathology. <i>Obesity Surgery</i> , 2021, 31, 2426-2433.	1.1	3
48	Fellowship training influences learning curves for laparoscopic sleeve gastrectomy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2022, 36, 1601-1608.	1.3	3
49	Physiologic Mechanisms of Weight Loss Following Metabolic/Bariatric Surgery. <i>Surgical Clinics of North America</i> , 2021, 101, 223-237.	0.5	3
50	Weight and organ specific immune cell profiling of sleeve gastrectomy in mice. <i>Metabolism: Clinical and Experimental</i> , 2021, 118, 154729.	1.5	3
51	Daily transient coating of the intestine leads to weight loss and improved glucose tolerance. <i>Metabolism: Clinical and Experimental</i> , 2022, 126, 154917.	1.5	3
52	Making the Connection. <i>New England Journal of Medicine</i> , 2017, 376, 476-482.	13.9	2
53	Safety and effectiveness of 1-stage conversion of adjustable gastric band-to-sleeve gastrectomy: a single-institution caseâ€“control study. <i>Surgery for Obesity and Related Diseases</i> , 2022, 18, 95-101.	1.0	2
54	Multiple simultaneous small bowel intussusceptions in an adult. <i>Journal of Surgical Case Reports</i> , 2012, 2012, rjs011-rjs011.	0.2	1

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55	Comment on: Revisional surgery after failed gastric banding: results of one-stage conversion to RYGB in 195 patients. <i>Surgery for Obesity and Related Diseases</i> , 2014, 10, 1083-1084.	1.0	1
56	Is Early Bariatric Surgery the Answer for Diabetes in Obesity?. <i>JAMA Surgery</i> , 2016, 151, 806.	2.2	1
57	Translating stakeholder-driven comparative effectiveness research into practice: the PCORnet Bariatric Study. <i>Journal of Comparative Effectiveness Research</i> , 2020, 9, 1035-1041.	0.6	1
58	Comment on: Vertical sleeve gastrectomy specimens have a high prevalence of unexpected histopathologic findings requiring additional clinical management. <i>Surgery for Obesity and Related Diseases</i> , 2015, 11, 1024.	1.0	0
59	ASO Visual Abstract: Survival After Adrenalectomy for Metastatic Lung Cancer. <i>Annals of Surgical Oncology</i> , 2022, , 1.	0.7	0