

# Ralph Peterli

## 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.

80 papers	3,995 citations	28 h-index	63 g-index
85 ext. papers	4,650 ext. citations	4.2 avg, IF	5.12 L-index

#	Paper	IF	Citations
80	Effect of Laparoscopic Sleeve Gastrectomy vs Laparoscopic Roux-en-Y Gastric Bypass on Weight Loss in Patients With Morbid Obesity: The SM-BOSS Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2018</b> , 319, 255-265	27.4	554
79	Improvement in glucose metabolism after bariatric surgery: comparison of laparoscopic Roux-en-Y gastric bypass and laparoscopic sleeve gastrectomy: a prospective randomized trial. <i>Annals of Surgery</i> , <b>2009</b> , 250, 234-41	7.8	433
78	Metabolic and hormonal changes after laparoscopic Roux-en-Y gastric bypass and sleeve gastrectomy: a randomized, prospective trial. <i>Obesity Surgery</i> , <b>2012</b> , 22, 740-8	3.7	366
77	Fewer nutrient deficiencies after laparoscopic sleeve gastrectomy (LSG) than after laparoscopic Roux-Y-gastric bypass (LRYGB)-a prospective study. <i>Obesity Surgery</i> , <b>2010</b> , 20, 447-53	3.7	283
76	Early results of the Swiss Multicentre Bypass or Sleeve Study (SM-BOSS): a prospective randomized trial comparing laparoscopic sleeve gastrectomy and Roux-en-Y gastric bypass. <i>Annals of Surgery</i> , <b>2013</b> , 258, 690-4; discussion 695	7.8	271
75	Insulin resistance causes inflammation in adipose tissue. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 1538-1550	15.5	183
74	Laparoscopic Sleeve Gastrectomy Versus Roux-Y-Gastric Bypass for Morbid Obesity-3-Year Outcomes of the Prospective Randomized Swiss Multicenter Bypass Or Sleeve Study (SM-BOSS). <i>Annals of Surgery</i> , <b>2017</b> , 265, 466-473	7.8	153
73	Effects of postbariatric surgery weight loss on adipokines and metabolic parameters: comparison of laparoscopic Roux-en-Y gastric bypass and laparoscopic sleeve gastrectomy--a prospective randomized trial. <i>Surgery for Obesity and Related Diseases</i> , <b>2011</b> , 7, 561-8	3	152
72	Bile acids and gut peptide secretion after bariatric surgery: a 1-year prospective randomized pilot trial. <i>Obesity</i> , <b>2013</b> , 21, E660-8	8	140
71	Reduction in co-morbidities 4 years after laparoscopic adjustable gastric banding. <i>Obesity Surgery</i> , <b>2004</b> , 14, 216-23	3.7	103
70	Radiologic and endoscopic evaluation for laparoscopic adjustable gastric banding: preoperative and follow-up. <i>Obesity Surgery</i> , <b>2001</b> , 11, 594-9	3.7	87
69	Five-year results of laparoscopic sleeve gastrectomy. <i>Surgery for Obesity and Related Diseases</i> , <b>2014</b> , 10, 243-9	3	85
68	Predictors of outcome in treatment of morbid obesity by laparoscopic adjustable gastric banding: results of a prospective study of 380 patients. <i>Surgery for Obesity and Related Diseases</i> , <b>2008</b> , 4, 500-6	3	68
67	Midterm results of primary vs. secondary laparoscopic sleeve gastrectomy (LSG) as an isolated operation. <i>Obesity Surgery</i> , <b>2009</b> , 19, 401-6	3.7	57
66	LPS induces interleukin-6 and interleukin-8 but not tumor necrosis factor-alpha in human adipocytes. <i>Cytokine</i> , <b>2008</b> , 41, 29-37	4	56
65	Glucose-dependent insulinotropic polypeptide induces cytokine expression, lipolysis, and insulin resistance in human adipocytes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2013</b> , 304, E1-13	6	55
64	Defining Global Benchmarks in Bariatric Surgery: A Retrospective Multicenter Analysis of Minimally Invasive Roux-en-Y Gastric Bypass and Sleeve Gastrectomy. <i>Annals of Surgery</i> , <b>2019</b> , 270, 859-867	7.8	55

63	Gut hormone secretion, gastric emptying, and glycemic responses to erythritol and xylitol in lean and obese subjects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2016</b> , 310, E1053-61	6	51
62	Re-operations following laparoscopic adjustable gastric banding. <i>Obesity Surgery</i> , <b>2002</b> , 12, 851-6	3.7	50
61	Mechanisms of metformin action on glucose transport and metabolism in human adipocytes. <i>Biochemical Pharmacology</i> , <b>2010</b> , 80, 1736-45	6	47
60	Laparoscopic sleeve gastrectomy and Roux-en-Y gastric bypass lead to equal changes in body composition and energy metabolism 17 months postoperatively: a prospective randomized trial. <i>Surgery for Obesity and Related Diseases</i> , <b>2016</b> , 12, 563-570	3	41
59	Ferguson hemorrhoidectomy: long-term results and patient satisfaction after Ferguson's hemorrhoidectomy. <i>Diseases of the Colon and Rectum</i> , <b>2005</b> , 48, 1523-7	3.1	41
58	First description of a PEComa (perivascular epithelioid cell tumor) of the colon: report of a case and review of the literature. <i>Diseases of the Colon and Rectum</i> , <b>2004</b> , 47, 1734-7	3.1	40
57	Expression and localization of melanocortin-1 receptor in human adipose tissues of severely obese patients. <i>Obesity</i> , <b>2007</b> , 15, 40-9	8	37
56	Antibiotic prophylaxis at urinary catheter removal prevents urinary tract infections: a prospective randomized trial. <i>Annals of Surgery</i> , <b>2009</b> , 249, 573-5	7.8	35
55	Prospective study of a two-stage operative concept in the treatment of morbid obesity: primary lap-band followed if needed by sleeve gastrectomy with duodenal switch. <i>Obesity Surgery</i> , <b>2007</b> , 17, 334-40	3.7	32
54	The impact of preoperative investigations on the management of bariatric patients; results of a cohort of more than 1200 cases. <i>Surgery for Obesity and Related Diseases</i> , <b>2018</b> , 14, 693-699	3	30
53	Mitochondrial DNA content in human omental adipose tissue. <i>Obesity Surgery</i> , <b>2010</b> , 20, 84-92	3.7	29
52	Long-term quality of life after Ivor Lewis esophagectomy for esophageal cancer. <i>World Journal of Surgery</i> , <b>2014</b> , 38, 2345-51	3.3	27
51	State of the art: sleeve gastrectomy. <i>Digestive Surgery</i> , <b>2014</b> , 31, 40-7	2.5	27
50	GM-CSF gene expression and protein production in human colorectal cancer cell lines and clinical tumor specimens. <i>International Journal of Cancer</i> , <b>1998</b> , 77, 378-85	7.5	27
49	Obesity affects mitochondrial citrate synthase in human omental adipose tissue. <i>ISRN Obesity</i> , <b>2013</b> , 2013, 826027		25
48	Both inflammatory and classical lipolytic pathways are involved in lipopolysaccharide-induced lipolysis in human adipocytes. <i>Innate Immunity</i> , <b>2012</b> , 18, 25-34	2.7	25
47	Long-term outcome of laparoscopic adjustable gastric banding (LAGB): results of a Swiss single-center study of 405 patients with up to 18 years follow-up. <i>Surgery for Obesity and Related Diseases</i> , <b>2017</b> , 13, 1313-1319	3	25
46	Deregulation of transcription factors controlling intestinal epithelial cell differentiation; a predisposing factor for reduced enteroendocrine cell number in morbidly obese individuals. <i>Scientific Reports</i> , <b>2017</b> , 7, 8174	4.9	24

45	Dissociable Behavioral, Physiological and Neural Effects of Acute Glucose and Fructose Ingestion: A Pilot Study. <i>PLoS ONE</i> , <b>2015</b> , 10, e0130280	3.7	24
44	Important mitochondrial proteins in human omental adipose tissue show reduced expression in obesity. <i>Journal of Proteomics</i> , <b>2015</b> , 124, 79-87	3.9	23
43	Prevalence of postcholecystectomy symptoms: long-term outcome after open versus laparoscopic cholecystectomy. <i>World Journal of Surgery</i> , <b>2000</b> , 24, 1232-5	3.3	20
42	The learning curve of laparoscopic cholecystectomy and changes in indications: one institutions experience with 2,650 cholecystectomies. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , <b>2000</b> , 10, 13-9	2.1	18
41	Linear compared to circular stapler anastomosis in laparoscopic Roux-en-Y gastric bypass leads to comparable weight loss with fewer complications: a matched pair study. <i>Langenbecks Archives of Surgery</i> , <b>2016</b> , 401, 307-13	3.4	16
40	Glucose-dependent insulinotropic polypeptide (GIP) induces calcitonin gene-related peptide (CGRP)-I and procalcitonin (Pro-CT) production in human adipocytes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2011</b> , 96, E297-303	5.6	15
39	Abdominal actinomycosis: a rare complication after laparoscopic gastric bypass. <i>Obesity Surgery</i> , <b>2007</b> , 17, 1123-6	3.7	14
38	The Impact of the COVID-19 Pandemic on Bariatric Surgery: Results from a Worldwide Survey. <i>Obesity Surgery</i> , <b>2020</b> , 30, 4428-4436	3.7	12
37	Melanocortin-4 receptor gene and complications after gastric banding. <i>Obesity Surgery</i> , <b>2006</b> , 16, 189-95	3.7	10
36	Quantification of Liver, Subcutaneous, and Visceral Adipose Tissues by MRI Before and After Bariatric Surgery. <i>Obesity Surgery</i> , <b>2019</b> , 29, 2795-2805	3.7	9
35	Incretin effects, gastric emptying and insulin responses to low oral glucose loads in patients after gastric bypass and lean and obese controls. <i>Surgery for Obesity and Related Diseases</i> , <b>2016</b> , 12, 1320-1327	3.7	8
34	Mechanical bowel preparation and antimicrobial prophylaxis in elective colorectal surgery in Switzerland--a survey. <i>Langenbecks Archives of Surgery</i> , <b>2011</b> , 396, 107-13	3.4	8
33	Long-term Effects of Laparoscopic Sleeve Gastrectomy: What Are the Results Beyond 10 Years?. <i>Obesity Surgery</i> , <b>2021</b> , 31, 3427-3433	3.7	8
32	Metformin counters both lipolytic/inflammatory agents-decreased hormone sensitive lipase phosphorylation at Ser-554 and -induced lipolysis in human adipocytes. <i>Archives of Physiology and Biochemistry</i> , <b>2011</b> , 117, 209-14	2.2	7
31	Bolus obstruction of pouch outlet by a granular bulk laxative after gastric banding. <i>Obesity Surgery</i> , <b>2004</b> , 14, 1022-4	3.7	7
30	The first modified Delphi consensus statement on sleeve gastrectomy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , <b>2021</b> , 35, 7027-7033	5.2	7
29	Adenylosuccinate lyase is oncogenic in colorectal cancer by causing mitochondrial dysfunction and independent activation of NRF2 and mTOR-MYC-axis. <i>Theranostics</i> , <b>2021</b> , 11, 4011-4029	12.1	7
28	Perioperative outcomes of esophageal cancer surgery in a mid-volume institution in the era of centralization. <i>Langenbecks Archives of Surgery</i> , <b>2016</b> , 401, 787-95	3.4	6

27	Banding the Pouch with a Non-adjustable Ring as Revisional Procedure in Patients with Insufficient Results After Roux-en-Y Gastric Bypass: Short-term Outcomes of a Multicenter Cohort Study. <i>Obesity Surgery</i> , <b>2020</b> , 30, 797-803	3.7	6
26	Defining Global Benchmarks in Elective Secondary Bariatric Surgery Comprising Conversional, Revisional, and Reversal Procedures. <i>Annals of Surgery</i> , <b>2021</b> , 274, 821-828	7.8	6
25	Long-Term Effects of Laparoscopic Sleeve Gastrectomy and Roux-en-Y Gastric Bypass on Body Composition and Bone Mass Density. <i>Obesity Facts</i> , <b>2021</b> , 14, 131-140	5.1	5
24	Outcome of revisional bariatric surgery for insufficient weight loss after laparoscopic Roux-en-Y gastric bypass: an observational study. <i>Surgery for Obesity and Related Diseases</i> , <b>2020</b> , 16, 1052-1059	3	4
23	Diagnostic Nodes of Patient Selection for Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy Among Colorectal Cancer Patients: A Swiss National Multicenter Survey. <i>Clinical Colorectal Cancer</i> , <b>2019</b> , 18, e335-e342	3.8	3
22	Acute pancreatitis after Roux-en-Y gastric bypass surgery due to reflux into biliopancreatic limb. <i>Surgery for Obesity and Related Diseases</i> , <b>2012</b> , 8, e37-9	3	3
21	Fatigue, weakness, and sexual dysfunction after bariatric surgery - not an unusual case but an unusual cause. <i>Obesity Surgery</i> , <b>2004</b> , 14, 1025-8	3.7	3
20	Management of gallstone disease prior to and after metabolic surgery: a single-center observational study. <i>Surgery for Obesity and Related Diseases</i> , <b>2021</b> ,	3	3
19	First-Phase Insulin and Amylin after Bariatric Surgery: A Prospective Randomized Trial on Patients with Insulin Resistance or Diabetes after Gastric Bypass or Sleeve Gastrectomy. <i>Obesity Facts</i> , <b>2020</b> , 13, 584-595	5.1	3
18	Different limb lengths in gastric bypass surgery: study protocol for a Swiss multicenter randomized controlled trial (SLIM). <i>Trials</i> , <b>2021</b> , 22, 352	2.8	3
17	Does the non-absorbable suture closure of the jejunal mesenteric defect reduce the incidence and severity of internal hernias after laparoscopic Roux-en-Y gastric bypass?. <i>Langenbecks Archives of Surgery</i> , <b>2021</b> , 406, 1831-1838	3.4	3
16	Gastric emptying of solutions containing the natural sweetener erythritol and effects on gut hormone secretion in humans: A pilot dose-ranging study. <i>Diabetes, Obesity and Metabolism</i> , <b>2021</b> , 23, 1311-1321	6.7	3
15	Primary pancreatic neoplasia or metastasis from colon carcinoma?. <i>Acta Gastro-Enterologica Belgica</i> , <b>2008</b> , 71, 401-8	0.6	3
14	Simplified dual time point FDG-PET/computed tomography for determining dignity of pancreatic lesions. <i>Nuclear Medicine Communications</i> , <b>2020</b> , 41, 682-687	1.6	2
13	Response to: "Are Guidelines for Standardized Outcome Reporting in Bariatric Surgery Responsible for Missing the Big Picture in Bariatric Surgery Related Major Complications?". <i>Annals of Surgery</i> , <b>2018</b> , 268, e13-e14	7.8	2
12	GLP-1 Analogues as a Complementary Therapy in Patients after Metabolic Surgery: a Systematic Review and Qualitative Synthesis. <i>Obesity Surgery</i> , <b>2020</b> , 30, 3561-3569	3.7	1
11	Recurrent pancreatitis as only presenting symptom of intermittent small bowel obstruction after biliopancreatic diversion with duodenal switch. <i>Surgery for Obesity and Related Diseases</i> , <b>2008</b> , 4, 202-4	3	1
10	Roux-en-Y gastric bypass limb lengths-how to optimize the balance between weight loss and risk of malnutrition?. <i>BJS Open</i> , <b>2021</b> , 5,	3.9	1

9	Preoperative Cardiac Diagnostics in Bariatric Patients with Diabetes and Perioperative Morbidity: Results of a Cohort of 258 Patients. <i>Obesity Surgery</i> , <b>2021</b> , 31, 2607-2613	3.7	1
8	Sleeve gastrectomy or gastric bypass: a "post-code" lottery? A comprehensive national analysis of the utilization of bariatric surgery in Switzerland between 2011-2017. <i>Surgery for Obesity and Related Diseases</i> , <b>2021</b> , 17, 563-574	3	1
7	Erythritol and xylitol differentially impact brain networks involved in appetite regulation in healthy volunteers. <i>Nutritional Neuroscience</i> , <b>2021</b> , 1-15	3.6	1
6	Metabolic Changes After Laparoscopic Total Gastric Vertical Plication. <i>Journal of Minimally Invasive Surgical Sciences</i> , <b>2012</b> , 1, 118-119	0	
5	Primary Adenocarcinoma of the Ileostomy Following Total Colectomy for Ulcerative Colitis. <i>Coloproctology</i> , <b>2003</b> , 25, 266-269	0.2	
4	Metabolic Changes After Laparoscopic Total Gastric Vertical Plication. <i>Journal of Minimally Invasive Surgical Sciences</i> , <b>2013</b> , 2, 118-9	0	
3	Comment on: High-resolution impedance manometry and 24 h MII-pH before and after sleeve gastrectomy: de novo reflux in a prospective series. <i>Surgery for Obesity and Related Diseases</i> , <b>2021</b> , 17, 338-339	3	
2	Reoperative bariatric surgery after primary laparoscopic gastric plication for morbid obesity: a systematic review and meta-analysis.. <i>Langenbeck's Archives of Surgery</i> , <b>2022</b> , 1	3.4	
1	Bariatrische Chirurgie 2022 Was ist relevant für die Praxis?. <i>Praxis</i> , <b>2022</b> , 111, 389-395	0.1	