

Beat P MÃ¼ller-Stich

List of Publications by Year
in descending order

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Version: 2024-02-01

163
papers

5,029
citations

101543

36
h-index

123424

61
g-index

173
all docs

173
docs citations

173
times ranked

5346
citing authors

#	ARTICLE	IF	CITATIONS
1	NASH limits anti-tumour surveillance in immunotherapy-treated HCC. <i>Nature</i> , 2021, 592, 450-456.	27.8	649
2	Auto-aggressive CXCR6+ CD8 T cells cause liver immune pathology in NASH. <i>Nature</i> , 2021, 592, 444-449.	27.8	233
3	Laparoscopic Versus Open Pancreaticoduodenectomy. <i>Annals of Surgery</i> , 2020, 271, 54-66.	4.2	195
4	Machine Learning for Surgical Phase Recognition. <i>Annals of Surgery</i> , 2021, 273, 684-693.	4.2	135
5	Surgical Versus Medical Treatment of Type 2 Diabetes Mellitus in Nonseverely Obese Patients. <i>Annals of Surgery</i> , 2015, 261, 421-429.	4.2	125
6	The TRIANGLE operation – radical surgery after neoadjuvant treatment for advanced pancreatic cancer: a single arm observational study. <i>Hpb</i> , 2017, 19, 1001-1007.	0.3	124
7	Surgical data science – from concepts toward clinical translation. <i>Medical Image Analysis</i> , 2022, 76, 102306.	11.6	107
8	Indocyanine green fluorescence imaging in hepatobiliary surgery. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 17, 208-215.	2.6	91
9	Real-time image guidance in laparoscopic liver surgery: first clinical experience with a guidance system based on intraoperative CT imaging. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2014, 28, 933-940.	2.4	89
10	Bariatric Surgery as an Efficient Treatment for Non-Alcoholic Fatty Liver Disease in a Prospective Study with 1-Year Follow-up. <i>Obesity Surgery</i> , 2018, 28, 1342-1350.	2.1	81
11	Incisional Hernia Rates After Laparoscopic or Open Abdominal Surgery – A Systematic Review and Meta-Analysis. <i>World Journal of Surgery</i> , 2016, 40, 2319-2330.	1.6	77
12	Evaluation of Open and Minimally Invasive Adrenalectomy: A Systematic Review and Network Meta-Analysis. <i>World Journal of Surgery</i> , 2017, 41, 2746-2757.	1.6	77
13	The use of 3D laparoscopic imaging systems in surgery: EAES consensus development conference 2018. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 3251-3274.	2.4	75
14	Gastric Bypass Leads to Improvement of Diabetic Neuropathy Independent of Glucose Normalization – Results of a Prospective Cohort Study (DiaSurg 1 Study). <i>Annals of Surgery</i> , 2013, 258, 760-766.	4.2	71
15	Virtual Reality Training Versus Blended Learning of Laparoscopic Cholecystectomy. <i>Medicine (United Tj ETQq1 1 0,784314 rgBT /Ovedlo</i>	1.0	71
16	Combined Non-alcoholic Fatty Liver Disease and Type 2 Diabetes Mellitus: Sleeve Gastrectomy or Gastric Bypass? – a Controlled Matched Pair Study of 34 Patients. <i>Obesity Surgery</i> , 2016, 26, 1867-1874.	2.1	66
17	Periarterial divestment in pancreatic cancer surgery. <i>Surgery</i> , 2021, 169, 1019-1025.	1.9	63
18	Use of Mesh in Laparoscopic Paraesophageal Hernia Repair: A Meta-Analysis and Risk-Benefit Analysis. <i>PLoS ONE</i> , 2015, 10, e0139547.	2.5	62

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19	Learning Curves of Laparoscopic Roux-en-Y Gastric Bypass and Sleeve Gastrectomy in Bariatric Surgery: a Systematic Review and Introduction of a Standardization. <i>Obesity Surgery</i> , 2020, 30, 640-656.	2.1	61
20	Validation of the mobile serious game application Touch Surgeryâ„¢ for cognitive training and assessment of laparoscopic cholecystectomy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017, 31, 4058-4066.	2.4	59
21	Predictors of Risk and Success of Obesity Surgery. <i>Obesity Facts</i> , 2019, 12, 427-439.	3.4	59
22	Three-dimensional visualisation improves understanding of surgical liver anatomy. <i>Medical Education</i> , 2010, 44, 936-940.	2.1	57
23	A 1-year videoconferencing-based psychoeducational group intervention following bariatric surgery: results of a randomized controlled study. <i>Surgery for Obesity and Related Diseases</i> , 2015, 11, 1349-1360.	1.2	57
24	Actual Five-year Survival After Upfront Resection for Pancreatic Ductal Adenocarcinoma. <i>Annals of Surgery</i> , 2022, 275, 962-971.	4.2	57
25	Repair of Paraesophageal Hiatal Herniasâ€“Is a Fundoplication Needed? A Randomized Controlled Pilot Trial. <i>Journal of the American College of Surgeons</i> , 2015, 221, 602-610.	0.5	56
26	Development and validation of a sensor- and expert model-based training system for laparoscopic surgery: the iSurgeon. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017, 31, 2155-2165.	2.4	56
27	LapOntoSPM: an ontology for laparoscopic surgeries and its application to surgical phase recognition. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2015, 10, 1427-1434.	2.8	54
28	Computer-assisted abdominal surgery: new technologies. <i>Langenbeck's Archives of Surgery</i> , 2015, 400, 273-281.	1.9	53
29	Skills in minimally invasive and open surgery show limited transferability to robotic surgery: results from a prospective study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018, 32, 1656-1667.	2.4	49
30	Evaluation of App-Based Serious Gaming as a Training Method in Teaching Chest Tube Insertion to Medical Students: Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2018, 20, e195.	4.3	48
31	Halstedâ€™s â€œSee One, Do One, and Teach Oneâ€ versus Peytonâ€™s Four-Step Approach: A Randomized Trial for Training of Laparoscopic Suturing and Knot Tying. <i>Journal of Surgical Education</i> , 2018, 75, 510-515.	2.5	45
32	Regular three-dimensional presentations improve in the identification of surgical liver anatomy â€“ a randomized study. <i>BMC Medical Education</i> , 2013, 13, 131.	2.4	43
33	Hyperamylasemia and acute pancreatitis after pancreatoduodenectomy: Two different entities. <i>Surgery</i> , 2021, 169, 369-376.	1.9	43
34	Jak-TGFÎ² cross-talk links transient adipose tissue inflammation to beige adipogenesis. <i>Science Signaling</i> , 2018, 11, .	3.6	41
35	Active learning using deep Bayesian networks for surgical workflow analysis. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019, 14, 1079-1087.	2.8	41
36	Sensor-based machine learning for workflow detection and as key to detect expert level in laparoscopic suturing and knot-tying. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 3732-3740.	2.4	41

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37	Comparative validation of multi-instance instrument segmentation in endoscopy: Results of the ROBUST-MIS 2019 challenge. <i>Medical Image Analysis</i> , 2021, 70, 101920.	11.6	41
38	Direct Observation versus Endoscopic Video Recording-Based Rating with the Objective Structured Assessment of Technical Skills for Training of Laparoscopic Cholecystectomy. <i>European Surgical Research</i> , 2016, 57, 1-9.	1.3	40
39	Do we understand the pathophysiology of GERD after sleeve gastrectomy?. <i>Annals of the New York Academy of Sciences</i> , 2020, 1482, 26-35.	3.8	38
40	DiaSurg 2 trial - surgical vs. medical treatment of insulin-dependent type 2 diabetes mellitus in patients with a body mass index between 26 and 35Åkg/m2: study protocol of a randomized controlled multicenter trial - DRKS00004550. <i>Trials</i> , 2013, 14, 183.	1.6	37
41	Obesity and the Lung: What We Know Today. <i>Respiration</i> , 2020, 99, 856-866.	2.6	37
42	Heidelberg colorectal data set for surgical data science in the sensor operating room. <i>Scientific Data</i> , 2021, 8, 101.	5.3	37
43	Prediction of laparoscopic procedure duration using unlabeled, multimodal sensor data. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019, 14, 1089-1095.	2.8	36
44	IMHOTEP: virtual reality framework for surgical applications. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2018, 13, 741-748.	2.8	35
45	Laparoscopic mesh-augmented hiatoplasty as a treatment of gastroesophageal reflux disease and hiatal herniasâ€“preliminary clinical and functional results of a prospective case series. <i>American Journal of Surgery</i> , 2008, 195, 749-756.	1.8	34
46	Risk of Malnutrition, Trace Metal, and Vitamin Deficiency PostÂRoux-en-Y Gastric BypassÂ”a Prospective Study of 20 Patients with BMI $\leq 35\text{Åkg/m}^2$. <i>Obesity Surgery</i> , 2015, 25, 2125-2134.	2.1	32
47	Metabolic surgery improves renal injury independent of weight loss: a meta-analysis. <i>Surgery for Obesity and Related Diseases</i> , 2019, 15, 1006-1020.	1.2	32
48	Sequential learning of psychomotor and visuospatial skills for laparoscopic suturing and knot tyingâ€“a randomized controlled trial â€œThe Shoebox Studyâ€“DRKS00008668. <i>Langenbeck's Archives of Surgery</i> , 2016, 401, 893-901.	1.9	31
49	Not all Whipple procedures are equal: Proposal for a classification of pancreatoduodenectomies. <i>Surgery</i> , 2021, 169, 1456-1462.	1.9	31
50	Robotic-assisted transhiatal esophagectomy. <i>Langenbeck's Archives of Surgery</i> , 2006, 391, 428-434.	1.9	29
51	One or two trainees per workplace in a structured multimodality training curriculum for laparoscopic surgery? Study protocol for a randomized controlled trial â€œ DRKS00004675. <i>Trials</i> , 2014, 15, 137.	1.6	29
52	A systematic review and meta-analysis of randomized controlled trials comparing laparoscopic and open liver resection. <i>Hpb</i> , 2021, 23, 1467-1481.	0.3	29
53	Risk of the Watch-and-Wait Concept in Surgical Treatment of Intraductal Papillary Mucinous Neoplasm. <i>JAMA Surgery</i> , 2021, 156, 818.	4.3	29
54	Patient expectations of bariatric surgery are gender specificâ€“a prospective, multicenter cohort study. <i>Surgery for Obesity and Related Diseases</i> , 2014, 10, 516-523.	1.2	28

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55	Successful learning of surgical liver anatomy in a computer-based teaching module. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2016, 11, 2295-2301.	2.8	28
56	Endoscopic Posterior Mesorectal Resection After Transanal Local Excision of T1 Carcinomas of the Lower Third of the Rectum. <i>Diseases of the Colon and Rectum</i> , 2006, 49, 919-924.	1.3	27
57	BariSurg trial: Sleeve gastrectomy versus Roux-en-Y gastric bypass in obese patients with BMI 35-60 kg/m ² a multi-centre randomized patient and observer blind non-inferiority trial. <i>BMC Surgery</i> , 2015, 15, 87.	1.3	27
58	Sustained effects of a psychoeducational group intervention following bariatric surgery: follow-up of the randomized controlled BaSE study. <i>Surgery for Obesity and Related Diseases</i> , 2017, 13, 1612-1618.	1.2	27
59	Laparoscopic mesh-augmented hiatoplasty as a method to treat gastroesophageal reflux without fundoplication: single-center experience with 306 consecutive patients. <i>American Journal of Surgery</i> , 2009, 198, 17-24.	1.8	26
60	Meta-analysis of metabolic surgery versus medical treatment for macrovascular complications and mortality in patients with type 2 diabetes. <i>Surgery for Obesity and Related Diseases</i> , 2019, 15, 1197-1210.	1.2	26
61	Malabsorption as a Therapeutic Approach in Bariatric Surgery. <i>Viszeralmedizin</i> , 2014, 30, 2-2.	0.0	25
62	Weight Loss and Changes in Adipose Tissue and Skeletal Muscle Volume after Laparoscopic Sleeve Gastrectomy and Roux-en-Y Gastric Bypass: a Prospective Study with 12-Month Follow-Up. <i>Obesity Surgery</i> , 2019, 29, 4018-4028.	2.1	25
63	Respiratory motion compensation for CT-guided interventions in the liver. <i>Computer Aided Surgery</i> , 2008, 13, 125-138.	1.8	24
64	EAES Recommendations for Recovery Plan in Minimally Invasive Surgery Amid COVID-19 Pandemic. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 1-17.	2.4	24
65	A learning robot for cognitive camera control in minimally invasive surgery. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 5365-5374.	2.4	24
66	The Heidelberg VR Score: development and validation of a composite score for laparoscopic virtual reality training. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 2093-2103.	2.4	23
67	Short- and Long-Term Oncological Outcome After Rectal Cancer Surgery: a Systematic Review and Meta-Analysis Comparing Open Versus Laparoscopic Rectal Cancer Surgery. <i>Journal of Gastrointestinal Surgery</i> , 2018, 22, 1418-1433.	1.7	22
68	Preoperative Bowel Preparation: Surgical Standard or Past?. <i>Digestive Surgery</i> , 2006, 23, 375-380.	1.2	21
69	Face validity of the pulsatile organ perfusion trainer for laparoscopic cholecystectomy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017, 31, 714-722.	2.4	21
70	Nitrosative stress but not glycemc parameters correlate with improved neuropathy in nonseverely obese diabetic patients after Roux-Y gastric bypass. <i>Surgery for Obesity and Related Diseases</i> , 2015, 11, 847-854.	1.2	20
71	Is there a Reason Why Obese Patients Choose Either Conservative Treatment or Surgery?. <i>Obesity Surgery</i> , 2017, 27, 1684-1690.	2.1	20
72	One or two trainees per workplace for laparoscopic surgery training courses: results from a randomized controlled trial. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 1523-1531.	2.4	20

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73	IMHOTEP: cross-professional evaluation of a three-dimensional virtual reality system for interactive surgical operation planning, tumor board discussion and immersive training for complex liver surgery in a head-mounted display. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2022, 36, 126-134.	2.4	20
74	Projective biomechanical depth matching for soft tissue registration in laparoscopic surgery. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 1101-1110.	2.8	19
75	Impact of Surgeon's Experience on Vascular and Haemorrhagic Complications After Kidney Transplantation. <i>European Journal of Vascular and Endovascular Surgery</i> , 2019, 57, 139-149.	1.5	19
76	Bridging the gap between formal and experience-based knowledge for context-aware laparoscopy. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2016, 11, 881-888.	2.8	18
77	App-based serious gaming for training of chest tube insertion: study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 56.	1.6	18
78	Is a circular polypropylene mesh appropriate for application at the esophageal hiatus? Results from an experimental study in a porcine model. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2009, 23, 1372-1378.	2.4	17
79	Image-based laparoscopic bowel measurement. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2016, 11, 407-419.	2.8	17
80	Prognostic differences in 8th edition TNM staging of esophagogastric adenocarcinoma after neoadjuvant treatment. <i>European Journal of Surgical Oncology</i> , 2018, 44, 1646-1656.	1.0	17
81	Spectral organ fingerprints for machine learning-based intraoperative tissue classification with hyperspectral imaging in a porcine model. <i>Scientific Reports</i> , 2022, 12, .	3.3	17
82	Radical Surgery with Total Mesorectal Excision in Patients with T1 Rectal Cancer. <i>Annals of Surgical Oncology</i> , 2015, 22, 2051-2058.	1.5	16
83	Does rating with a checklist improve the effect of E-learning for cognitive and practical skills in bariatric surgery? A rater-blinded, randomized-controlled trial. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 1532-1543.	2.4	16
84	Feasibility, effectiveness, and safety of endoscopic vacuum therapy for intrathoracic anastomotic leakage following transthoracic esophageal resection. <i>BMC Gastroenterology</i> , 2021, 21, 72.	2.0	16
85	The TRIANGLE operation for pancreatic head and body cancers: early postoperative outcomes. <i>Hpb</i> , 2022, 24, 332-341.	0.3	16
86	Deep learning for semantic segmentation of organs and tissues in laparoscopic surgery. <i>Current Directions in Biomedical Engineering</i> , 2020, 6, .	0.4	16
87	Categorization of Differing Types of Total Pancreatectomy. <i>JAMA Surgery</i> , 2022, 157, 120.	4.3	16
88	Impact of Type 2 Diabetes on Oncologic Outcomes of Hepatocellular Carcinomas in Non-Cirrhotic, Non-alcoholic Steatohepatitis: a Matched-Pair Analysis. <i>Journal of Gastrointestinal Surgery</i> , 2021, 25, 1193-1202.	1.7	14
89	Intraoperative on-the-fly organ-mosaicking for laparoscopic surgery. <i>Journal of Medical Imaging</i> , 2015, 2, 045001.	1.5	13
90	Sequential learning of psychomotor and visuospatial skills for laparoscopic suturing and knot tying – study protocol for a randomized controlled trial – The shoebox study. <i>Trials</i> , 2016, 17, 14.	1.6	13

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91	Inflammatory response and peritoneal contamination after transrectal natural orifice specimen extraction (NOSE) versus mini-laparotomy: a porcine in vivo study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018, 32, 1336-1343.	2.4	13
92	Serum uromodulin and Roux-en-Y gastric bypass: improvement of a marker reflecting nephron mass. <i>Surgery for Obesity and Related Diseases</i> , 2019, 15, 1319-1325.	1.2	13
93	Self-directed training with e-learning using the first-person perspective for laparoscopic suturing and knot tying: a randomised controlled trial. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020, 34, 869-879.	2.4	13
94	Prognostic value of inflammatory markers for detecting anastomotic leakage after esophageal resection. <i>BMC Surgery</i> , 2020, 20, 324.	1.3	13
95	Respiratory motion compensation for CT-guided interventions in the liver. <i>Computer Aided Surgery</i> , 2008, 13, 125-138.	1.8	13
96	Laparoscopic Mesh-augmented HiatoPlasty With Cardiophrenicopexy Versus Laparoscopic Nissen Fundoplication for the Treatment of Gastroesophageal Reflux Disease. <i>Annals of Surgery</i> , 2015, 262, 721-727.	4.2	12
97	MANAGEMENT OF ENDOCRINE DISEASE: Which metabolic procedure? Comparing outcomes in sleeve gastrectomy and Roux-en Y gastric bypass. <i>European Journal of Endocrinology</i> , 2018, 179, R77-R93.	3.7	12
98	Minimally Invasive Versus open AbdominoThoracic Esophagectomy for esophageal carcinoma (MIVATE) – a study protocol for a randomized controlled trial DRKS00016773. <i>Trials</i> , 2021, 22, 41.	1.6	12
99	Hyperspectral imaging for perioperative monitoring of microcirculatory tissue oxygenation and tissue water content in pancreatic surgery – an observational clinical pilot study. <i>Perioperative Medicine (London, England)</i> , 2021, 10, 42.	1.5	12
100	Robotic-assisted minimally invasive esophagectomy (RAMIE) for esophageal cancer training curriculum – a worldwide Delphi consensus study. <i>Ecological Management and Restoration</i> , 2022, 35, .	0.4	12
101	Gastric bypass simultaneously improves adipose tissue function and insulin-dependent type 2 diabetes mellitus. <i>Langenbeck's Archives of Surgery</i> , 2017, 402, 901-910.	1.9	10
102	Computer tomographic analysis of organ motion caused by respiration and intraoperative pneumoperitoneum in a porcine model for navigated minimally invasive esophagectomy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018, 32, 4216-4227.	2.4	10
103	Video Teaching Leads to Improved Attitudes Towards Obesity – a Randomized Study with 949 Participants. <i>Obesity Surgery</i> , 2019, 29, 2078-2086.	2.1	10
104	Cavernous transformation of the portal vein in pancreatic cancer surgery – venous bypass graft first. <i>Langenbeck's Archives of Surgery</i> , 2020, 405, 1045-1050.	1.9	10
105	Robotic-assisted minimally invasive Ivor Lewis esophagectomy within the prospective multicenter German da Vinci Xi registry trial. <i>Langenbeck's Archives of Surgery</i> , 2022, 407, 1-11.	1.9	10
106	Paradigm shift: cognitive surgery. <i>Innovative Surgical Sciences</i> , 2017, 2, 139-143.	0.7	9
107	Mobile, real-time, and point-of-care augmented reality is robust, accurate, and feasible: a prospective pilot study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018, 32, 2958-2967.	2.4	9
108	Postoperative acute pancreatitis is a serious but rare complication after distal pancreatectomy. <i>Hpb</i> , 2021, 23, 1339-1348.	0.3	9

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109	Cooperative Assistance in Robotic Surgery through Multi-Agent Reinforcement Learning. , 2021, , .		9
110	Endoscopic posterior mesorectal resection as an option to combine local treatment of early stage rectal cancer with partial mesorectal lymphadenectomy. Langenbeck's Archives of Surgery, 2007, 392, 567-571.	1.9	8
111	Endolumenal colon occlusion reduces peritoneal contamination during a transrectal NOTES procedure: a controlled porcine survival study. Surgical Endoscopy and Other Interventional Techniques, 2016, 30, 2946-2950.	2.4	8
112	Protocol for a randomised controlled trial to compare postoperative complications between minimally invasive and open DISTal PAnCreaTectomy (DISPACT-2 trial). BMJ Open, 2021, 11, e047867.	1.9	8
113	Development and validity evidence of an objective structured assessment of technical skills score for minimally invasive linear-stapled, hand-sewn intestinal anastomoses: the A-OSATS score. Surgical Endoscopy and Other Interventional Techniques, 2022, 36, 4529-4541.	2.4	8
114	Improved Reflux Monitoring in the Acute Gastroesophageal Reflux Porcine Model Using Esophageal Multichannel Intraluminal Impedance Measurement. Journal of Gastrointestinal Surgery, 2008, 12, 1351-1358.	1.7	7
115	Comorbidities as an Indication for Metabolic Surgery. Visceral Medicine, 2018, 34, 381-387.	1.3	7
116	Cited4 is a sexâ€biased mediator of the antidiabetic glitazone response in adipocyte progenitors. EMBO Molecular Medicine, 2018, 10, .	6.9	7
117	Image-guided minimally invasive endopancreatic surgery using a computer-assisted navigation system. Surgical Endoscopy and Other Interventional Techniques, 2021, 35, 1610-1617.	2.4	7
118	Endoscopic Stent Placement Can Successfully Treat Gastric Leak Following Laparoscopic Sleeve Gastrectomy If and Only If an Esophagoduodenal Megastent Is Used. Obesity Surgery, 2021, , 1.	2.1	7
119	Surgical challenges and research priorities in the era of the COVID-19 pandemic: EAES membership survey. Surgical Endoscopy and Other Interventional Techniques, 2020, 34, 4225-4232.	2.4	6
120	Transduodenalâ€transpapillary endopancreatic surgery with a rigid resectoscope: experiments on ex vivo, in vivo animal models and human cadavers. Surgical Endoscopy and Other Interventional Techniques, 2017, 31, 4131-4135.	2.4	5
121	Contamination After Disinfectant Rectal Washout in Left Colectomy as a Model for Transrectal NOTES: A Randomized Controlled Trial. Journal of Surgical Research, 2018, 232, 635-642.	1.6	5
122	Evaluation of new motorized articulating laparoscopic instruments by laparoscopic novices using a standardized laparoscopic skills curriculum. Surgical Endoscopy and Other Interventional Techniques, 2021, 35, 979-988.	2.4	5
123	Tattoo tomography: Freehand 3D photoacoustic image reconstruction with an optical pattern. International Journal of Computer Assisted Radiology and Surgery, 2021, 16, 1101-1110.	2.8	5
124	New device for transrectal trocar placement and rectal sealing for NOTES: a porcine in vivo and human cadaver study. Surgical Endoscopy and Other Interventional Techniques, 2016, 30, 4383-4388.	2.4	4
125	Laparoscopic transgastric circumferential stapler-assisted vs. endoscopic esophageal mucosectomy in a porcine model. Endoscopy, 2017, 49, 668-674.	1.8	4
126	Transrectal rigid-hybrid NOTES cholecystectomy can be performed without peritoneal contamination: a controlled porcine survival study. Surgical Endoscopy and Other Interventional Techniques, 2018, 32, 478-484.	2.4	4

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127	Artificial Intelligence in Visceral Medicine. <i>Visceral Medicine</i> , 2020, 36, 471-475.	1.3	4
128	Effects of laparoscopy, laparotomy, and respiratory phase on liver volume in a live porcine model for liver resection. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 7049-7057.	2.4	4
129	Splenorenal shunt for reconstruction of the gastric and splenic venous drainage during pancreatoduodenectomy with resection of the portal venous confluence. <i>Langenbeck's Archives of Surgery</i> , 2021, 406, 2535-2543.	1.9	4
130	Outcomes of bariatric surgery in patients with obesity and compensated liver cirrhosis. <i>Surgery for Obesity and Related Diseases</i> , 2022, 18, 727-737.	1.2	4
131	Outcome and prognostic factors in patients undergoing salvage therapy for recurrent esophagogastric cancer after multimodal treatment. <i>Journal of Cancer Research and Clinical Oncology</i> , 2023, 149, 1373-1382.	2.5	4
132	Feasibility of a High Intrathoracic Esophagogastric Anastomosis Without Thoracic Access After Laparoscopic-Assisted Transhiatal Esophagectomy: A Pilot Experimental Study. <i>Surgical Innovation</i> , 2009, 16, 228-236.	0.9	3
133	Use of a hydrophilic coating wire reduces significantly the rate of central vein punctures and the incidence of pneumothorax in totally implantable access port (TIAP) surgery. <i>BMC Surgery</i> , 2017, 17, 131.	1.3	3
134	Transpapillary endopancreatic surgery: decompression of duct system and comparison of greenlight laser with monopolar electro-surgical device in ex vivo and in vivo animal models. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018, 32, 3393-3400.	2.4	3
135	Influence of Body Mass Index and Gender on Stigmatization of Obesity. <i>Obesity Surgery</i> , 2020, 30, 4926-4934.	2.1	3
136	Diltiazem Prophylaxis for the Prevention of Atrial Fibrillation in Patients Undergoing Thoracoabdominal Esophagectomy: A Retrospective Cohort Study. <i>World Journal of Surgery</i> , 2020, 44, 2295-2304.	1.6	3
137	Obesity surgery in patients with end-stage organ failure: Is it worth it?. <i>Surgery for Obesity and Related Diseases</i> , 2022, 18, 495-503.	1.2	3
138	The point of conversion in laparoscopic colonic surgery affects the oncologic outcome in an experimental rat model. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2009, 23, 1988-1994.	2.4	2
139	Hand-Assisted laparoscopic donor nephrectomy PERiumbilical versus Pfannenstiel incision and return to normal physical ACTivity (HAPERPACT): study protocol for a randomized controlled trial. <i>Trials</i> , 2018, 19, 377.	1.6	2
140	Clinical Relevance of Gastroesophageal Cancer Associated SNPs for Oncologic Outcome After Curative Surgery. <i>Annals of Surgical Oncology</i> , 2022, 29, 1453-1462.	1.5	2
141	Self-Expanding Metal Stents for Anastomotic Leaks After Upper Gastrointestinal Cancer Surgery. <i>Journal of Surgical Research</i> , 2021, 267, 516-526.	1.6	2
142	Mechanical stretching and chemical pyloroplasty to prevent delayed gastric emptying after esophageal cancer resection—a meta-analysis and review of the literature. <i>Ecological Management and Restoration</i> , 2022, 35, .	0.4	2
143	Randomized clinical trial on the use of a colon-occlusion device to assist rectal washout. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020, 35, 5078-5087.	2.4	1
144	Insufflation pressure above 25Âmm Hg confers no additional benefit over lower pressure insufflation during posterior retroperitoneoscopic adrenalectomy: a retrospective multi-centre propensity score-matched analysis. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 891-899.	2.4	1

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145	Comment on: Esophageal cancer after sleeve gastrectomy: a population-based comparative cohort study. <i>Surgery for Obesity and Related Diseases</i> , 2021, 17, 887-888.	1.2	1
146	Flexible Facile Tactile Sensor for Smart Vessel Phantoms. <i>Current Directions in Biomedical Engineering</i> , 2021, 7, 87-91.	0.4	1
147	Comment on: Esophageal and gastric malignancies after bariatric surgery: a retrospective global study. <i>Surgery for Obesity and Related Diseases</i> , 2022, , .	1.2	1
148	Pancreatic surgery with or without drainage: propensity score-matched study. <i>British Journal of Surgery</i> , 2022, 109, 739-745.	0.3	1
149	Reply: Splenic preservation during open and minimally invasive distal pancreatectomy in benign disease. <i>Surgery</i> , 2015, 158, 1744-1745.	1.9	0
150	Comment on: 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> , 2018, 14, 443-444.	1.2	0
151	Comment on: metabolic comparison of one anastomosis gastric bypass, single-anastomosis duodenal-switch, Roux-en-Y gastric bypass, and vertical sleeve gastrectomy in rat. <i>Surgery for Obesity and Related Diseases</i> , 2018, 14, 1867-1868.	1.2	0
152	Implementing, Connecting, and Evaluating a Standard-Based Integrated Operating Room within a German University Hospital. <i>ACI Open</i> , 2018, 02, e10-e20.	0.5	0
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155	Comment on: Perioperative outcomes of laparoscopic Roux-en-Y gastric bypass and sleeve gastrectomy in super-obese and super-super-obese patients: a national database analysis. <i>Surgery for Obesity and Related Diseases</i> , 2020, 16, e8-e9.	1.2	0
156	A narrative review on endopancreatic interventions: an innovative access to the pancreas. <i>Journal of Pancreatology</i> , 2021, 4, 90-98.	0.9	0
157	Radiomics: The endocrinologists'™ new best friend?. <i>EBioMedicine</i> , 2021, 70, 103531.	6.1	0
158	Learning and application of intracorporeal slipping knot techniques in minimally invasive surgery. <i>Surgical Practice</i> , 0, , .	0.2	0
159	ASO Visual Abstract: Clinical Relevance of Gastroesophageal Cancer-Associated Single Nucleotide Polymorphisms for Oncologic Outcome After Curative Surgery. <i>Annals of Surgical Oncology</i> , 2021, 28, 744-745.	1.5	0
160	Response to the letter to the editor: Different effect on improvement of renal injury in urinary albumin-creatinine ratio at different follow-up time and metabolic surgery. <i>Surgery for Obesity and Related Diseases</i> , 2020, 16, 706-708.	1.2	0
161	Metabolic Surgery: Paradigm Shift in Metabolic Syndrome/Diabetes Therapy. <i>Visceral Medicine</i> , 2022, 38, 56-62.	1.3	0
162	Endoscopic Stent Placement to Treat Gastric Leak Following Laparoscopic Sleeve Gastrectomy: the Bigger, the Better. <i>Obesity Surgery</i> , 2022, 32, 1768.	2.1	0

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163	Author response to: Meta-analysis of randomized controlled trials and individual patient data comparing minimally invasive with open oesophagectomy for cancer. British Journal of Surgery, 2022, 109, e84-e84.	0.3	0