Beat P MÃ¼ller-Stich

List of Publications by Year
in descending order

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	Outcome and prognostic factors in patients undergoing salvage therapy for recurrent esophagogastric cancer after multimodal treatment. Journal of Cancer Research and Clinical Oncology, 2023, 149, 1373-1382.	2.5	4
2	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. Surgical Endoscopy and Other Interventional Techniques, 2022, 36, 126-134.	2.4	20
3	The TRIANGLE operation for pancreatic head and body cancers: early postoperative outcomes. Hpb, 2022, 24, 332-341.	0.3	16
4	Clinical Relevance of Gastroesophageal Cancer Associated SNPs for Oncologic Outcome After Curative Surgery. Annals of Surgical Oncology, 2022, 29, 1453-1462.	1.5	2
5	Actual Five-year Survival After Upfront Resection for Pancreatic Ductal Adenocarcinoma. Annals of Surgery, 2022, 275, 962-971.	4.2	57
6	Surgical data science â€“ from concepts toward clinical translation. Medical Image Analysis, 2022, 76, 102306.	11.6	107
7	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
8	Obesity surgery in patients with end-stage organ failure: Is it worth it?. Surgery for Obesity and Related Diseases, 2022, 18, 495-503.	1.2	3
9	Categorization of Differing Types of Total Pancreatectomy. JAMA Surgery, 2022, 157, 120.	4.3	16
10	Metabolic Surgery: Paradigm Shift in Metabolic Syndrome/Diabetes Therapy. Visceral Medicine, 2022, 38, 56-62.	1.3	0
11	Comment on: Esophageal and gastric malignancies after bariatric surgery: a retrospective global study. Surgery for Obesity and Related Diseases, 2022, , .	1.2	1
12	Endoscopic Stent Placement to Treat Gastric Leak Following Laparoscopic Sleeve Gastrectomy: the Bigger, the Better. Obesity Surgery, 2022, 32, 1768.	2.1	0
13	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
14	Robotic-assisted minimally invasive esophagectomy (RAMIE) for esophageal cancer training curriculumâ€”a worldwide Delphi consensus study. Ecological Management and Restoration, 2022, 35, .	0.4	12
15	Mechanical stretching and chemical pyloroplasty to prevent delayed gastric emptying after esophageal cancer resectionâ€”a meta-analysis and review of the literature. Ecological Management and Restoration, 2022, 35, .	0.4	2
16	Outcomes of bariatric surgery in patients with obesity and compensated liver cirrhosis. Surgery for Obesity and Related Diseases, 2022, 18, 727-737.	1.2	4
17	Pancreatic surgery with or without drainage: propensity score-matched study. British Journal of Surgery, 2022, 109, 739-745.	0.3	1
18	Robotic-assisted minimally invasive Ivor Lewis esophagectomy within the prospective multicenter German da Vinci Xi registry trial. Langenbeck's Archives of Surgery, 2022, 407, 1-11.	1.9	10

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19	Spectral organ fingerprints for machine learning-based intraoperative tissue classification with hyperspectral imaging in a porcine model. Scientific Reports, 2022, 12, .	3.3	17
20	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
21	Impact of Type 2 Diabetes on Oncologic Outcomes of Hepatocellular Carcinomas in Non-Cirrhotic, Non-alcoholic Steatohepatitis: a Matched-Pair Analysis. Journal of Gastrointestinal Surgery, 2021, 25, 1193-1202.	1.7	14
22	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. Surgical Endoscopy and Other Interventional Techniques, 2021, 35, 891-899.	2.4	1
23	Periarterial divestment in pancreatic cancer surgery. Surgery, 2021, 169, 1019-1025.	1.9	63
24	Hyperamylasemia and acute pancreatitis after pancreatoduodenectomy: Two different entities. Surgery, 2021, 169, 369-376.	1.9	43
25	Comparative validation of multi-instance instrument segmentation in endoscopy: Results of the ROBUST-MIS 2019 challenge. Medical Image Analysis, 2021, 70, 101920.	11.6	41
26	EAES Recommendations for Recovery Plan in Minimally Invasive Surgery Amid COVID-19 Pandemic. Surgical Endoscopy and Other Interventional Techniques, 2021, 35, 1-17.	2.4	24
27	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
28	Minimally Invasive Versus open AbdominoThoracic Esophagectomy for esophageal carcinoma (MIVATE)Ââ€"Âstudy protocol for a randomized controlled trial DRKS00016773. Trials, 2021, 22, 41.	1.6	12
29	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
30	Feasibility, effectiveness, and safety of endoscopic vacuum therapy for intrathoracic anastomotic leakage following transthoracic esophageal resection. BMC Gastroenterology, 2021, 21, 72.	2.0	16
31	A systematic review and meta-analysis of randomized controlled trials comparing laparoscopic and open liver resection. Hpb, 2021, 23, 1467-1481.	0.3	29
32	Auto-aggressive CXCR6+ CD8 T cells cause liver immune pathology in NASH. Nature, 2021, 592, 444-449.	27.8	233
33	NASH limits anti-tumour surveillance in immunotherapy-treated HCC. Nature, 2021, 592, 450-456.	27.8	649
34	A learning robot for cognitive camera control in minimally invasive surgery. Surgical Endoscopy and Other Interventional Techniques, 2021, 35, 5365-5374.	2.4	24
35	Heidelberg colorectal data set for surgical data science in the sensor operating room. Scientific Data, 2021, 8, 101.	5.3	37
36	Comment on: Esophageal cancer after sleeve gastrectomy: a population-based comparative cohort study. Surgery for Obesity and Related Diseases, 2021, 17, 887-888.	1.2	1

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37	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
38	Not all Whipple procedures are equal: Proposal for a classification of pancreatoduodenectomies. Surgery, 2021, 169, 1456-1462.	1.9	31
39	A narrative review on endopancreatic interventions: an innovative access to the pancreas. Journal of Pancreatology, 2021, 4, 90-98.	0.9	0
40	Flexible Facile Tactile Sensor for Smart Vessel Phantoms. Current Directions in Biomedical Engineering, 2021, 7, 87-91.	0.4	1
41	Radiomics: The endocrinologistsâ€™ new best friend?. EBioMedicine, 2021, 70, 103531.	6.1	0
42	Risk of the Watch-and-Wait Concept in Surgical Treatment of Intraductal Papillary Mucinous Neoplasm. JAMA Surgery, 2021, 156, 818.	4.3	29
43	Self-Expanding Metal Stents for Anastomotic Leaks After Upper Gastrointestinal Cancer Surgery. Journal of Surgical Research, 2021, 267, 516-526.	1.6	2
44	Effects of laparoscopy, laparotomy, and respiratory phase on liver volume in a live porcine model for liver resection. Surgical Endoscopy and Other Interventional Techniques, 2021, 35, 7049-7057.	2.4	4
45	Postoperative acute pancreatitis is a serious but rare complication after distal pancreatectomy. Hpb, 2021, 23, 1339-1348.	0.3	9
46	Machine Learning for Surgical Phase Recognition. Annals of Surgery, 2021, 273, 684-693.	4.2	135
47	Splenorenal shunt for reconstruction of the gastric and splenic venous drainage during pancreatoduodenectomy with resection of the portal venous confluence. Langenbeck's Archives of Surgery, 2021, 406, 2535-2543.	1.9	4
48	ASO Visual Abstract: Clinical Relevance of Gastroesophageal Cancer-Associated Single Nucleotide Polymorphisms for Oncologic Outcome After CurativeSurgery. Annals of Surgical Oncology, 2021, 28, 744-745.	1.5	0
49	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
50	Hyperspectral imaging for perioperative monitoring of microcirculatory tissue oxygenation and tissue water content in pancreatic surgery â€" an observational clinical pilot study. Perioperative Medicine (London, England), 2021, 10, 42.	1.5	12
51	Cooperative Assistance in Robotic Surgery through Multi-Agent Reinforcement Learning. , 2021, , .		9
52	Self-directed training with e-learning using the first-person perspective for laparoscopic suturing and knot tying: a randomised controlled trial. Surgical Endoscopy and Other Interventional Techniques, 2020, 34, 869-879.	2.4	13
53	Learning Curves of Laparoscopic Roux-en-Y Gastric Bypass and Sleeve Gastrectomy in Bariatric Surgery: a Systematic Review and Introduction of a Standardization. Obesity Surgery, 2020, 30, 640-656.	2.1	61
54	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. Surgery for Obesity and Related Diseases, 2020, 16, e8-e9.	1.2	0

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55	Laparoscopic Versus Open Pancreaticoduodenectomy. Annals of Surgery, 2020, 271, 54-66.	4.2	195
56	Obesity and the Lung: What We Know Today. Respiration, 2020, 99, 856-866.	2.6	37
57	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
58	Randomized clinical trial on the use of a colon-occlusion device to assist rectal washout. Surgical Endoscopy and Other Interventional Techniques, 2020, 35, 5078-5087.	2.4	1
59	Cavernous transformation of the portal vein in pancreatic cancer surgeryâ€"venous bypass graft first. Langenbeck's Archives of Surgery, 2020, 405, 1045-1050.	1.9	10
60	Do we understand the pathophysiology of GERD after sleeve gastrectomy?. Annals of the New York Academy of Sciences, 2020, 1482, 26-35.	3.8	38
61	Influence of Body Mass Index and Gender on Stigmatization of Obesity. Obesity Surgery, 2020, 30, 4926-4934.	2.1	3
62	Prognostic value of inflammatory markers for detecting anastomotic leakage after esophageal resection. BMC Surgery, 2020, 20, 324.	1.3	13
63	Artificial Intelligence in Visceral Medicine. Visceral Medicine, 2020, 36, 471-475.	1.3	4
64	Diltiazem Prophylaxis for the Prevention of Atrial Fibrillation in Patients Undergoing Thoracoabdominal Esophagectomy: A Retrospective Cohort Study. World Journal of Surgery, 2020, 44, 2295-2304.	1.6	3
65	Deep learning for semantic segmentation of organs and tissues in laparoscopic surgery. Current Directions in Biomedical Engineering, 2020, 6, .	0.4	16
66	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. Surgery for Obesity and Related Diseases, 2020, 16, 706-708.	1.2	0
67	Predictors of Risk and Success of Obesity Surgery. Obesity Facts, 2019, 12, 427-439.	3.4	59
68	Metabolic surgery improves renal injury independent of weight loss: a meta-analysis. Surgery for Obesity and Related Diseases, 2019, 15, 1006-1020.	1.2	32
69	Meta-analysis of metabolic surgery versus medical treatment for macrovascular complications and mortality in patients with type 2 diabetes. Surgery for Obesity and Related Diseases, 2019, 15, 1197-1210.	1.2	26
70	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. Obesity Surgery, 2019, 29, 4018-4028.	2.1	25
71	Comment on: Unacylated ghrelin is correlated with the decline of bone mineral density after Roux-en-Y gastric bypass in obese Chinese with typeÂ2 diabetes. Surgery for Obesity and Related Diseases, 2019, 15, 1481-1482.	1.2	0
72	Serum uromodulin and Roux-en-Y gastric bypass: improvement of a marker reflecting nephron mass. Surgery for Obesity and Related Diseases, 2019, 15, 1319-1325.	1.2	13

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73	Active learning using deep Bayesian networks for surgical workflow analysis. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 1079-1087.	2.8	41
74	Prediction of laparoscopic procedure duration using unlabeled, multimodal sensor data. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 1089-1095.	2.8	36
75	Video Teaching Leads to Improved Attitudes Towards Obesityâ€”a Randomized Study with 949 Participants. Obesity Surgery, 2019, 29, 2078-2086.	2.1	10
76	Sensor-based machine learning for workflow detection and as key to detect expert level in laparoscopic suturing and knot-tying. Surgical Endoscopy and Other Interventional Techniques, 2019, 33, 3732-3740.	2.4	41
77	Evaluation of the role of transhepatic flow in postoperative outcomes following major hepatectomy (THEFLOW): study protocol for a single-centre, non-interventional cohort study. BMJ Open, 2019, 9, e029618.	1.9	0
78	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. Surgical Endoscopy and Other Interventional Techniques, 2019, 33, 1532-1543.	2.4	16
79	One or two trainees per workplace for laparoscopic surgery training courses: results from a randomized controlled trial. Surgical Endoscopy and Other Interventional Techniques, 2019, 33, 1523-1531.	2.4	20
80	The Heidelberg VR Score: development and validation of a composite score for laparoscopic virtual reality training. Surgical Endoscopy and Other Interventional Techniques, 2019, 33, 2093-2103.	2.4	23
81	The use of 3D laparoscopic imaging systems in surgery: EAES consensus development conference 2018. Surgical Endoscopy and Other Interventional Techniques, 2019, 33, 3251-3274.	2.4	75
82	Impact of Surgeon's Experience on Vascular and Haemorrhagic Complications After Kidney Transplantation. European Journal of Vascular and Endovascular Surgery, 2019, 57, 139-149.	1.5	19
83	Comment on: 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, 443-444.	1.2	0
84	Jak-TGFÎ² cross-talk links transient adipose tissue inflammation to beige adipogenesis. Science Signaling, 2018, 11, .	3.6	41
85	Skills in minimally invasive and open surgery show limited transferability to robotic surgery: results from a prospective study. Surgical Endoscopy and Other Interventional Techniques, 2018, 32, 1656-1667.	2.4	49
86	Transpapillary endopancreatic surgery: decompression of duct system and comparison of greenlight laser with monopolar electrosurgical device in ex vivo and in vivo animal models. Surgical Endoscopy and Other Interventional Techniques, 2018, 32, 3393-3400.	2.4	3
87	Short- and Long-Term Oncological Outcome After Rectal Cancer Surgery: a Systematic Review and Meta-Analysis Comparing Open Versus Laparoscopic Rectal Cancer Surgery. Journal of Gastrointestinal Surgery, 2018, 22, 1418-1433.	1.7	22
88	Computer tomographic analysis of organ motion caused by respiration and intraoperative pneumoperitoneum in a porcine model for navigated minimally invasive esophagectomy. Surgical Endoscopy and Other Interventional Techniques, 2018, 32, 4216-4227.	2.4	10
89	Mobile, real-time, and point-of-care augmented reality is robust, accurate, and feasible: a prospective pilot study. Surgical Endoscopy and Other Interventional Techniques, 2018, 32, 2958-2967.	2.4	9
90	IMHOTEP: virtual reality framework for surgical applications. International Journal of Computer Assisted Radiology and Surgery, 2018, 13, 741-748.	2.8	35

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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. Surgical Endoscopy and Other Interventional Techniques, 2018, 32, 1336-1343.	2.4	13
92	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. Journal of Surgical Education, 2018, 75, 510-515.	2.5	45
93	Bariatric Surgery as an Efficient Treatment for Non-Alcoholic Fatty Liver Disease in a Prospective Study with 1-Year Follow-up. Obesity Surgery, 2018, 28, 1342-1350.	2.1	81
94	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
95	Comorbidities as an Indication for Metabolic Surgery. Visceral Medicine, 2018, 34, 381-387.	1.3	7
96	Comment on: metabolic comparison of one anastomosis gastric bypass, single-anastomosis duodenal-switch, Roux-en-Y gastric bypass, and vertical sleeve gastrectomy in rat. Surgery for Obesity and Related Diseases, 2018, 14, 1867-1868.	1.2	0
97	MANAGEMENT OF ENDOCRINE DISEASE: Which metabolic procedure? Comparing outcomes in sleeve gastrectomy and Roux-en Y gastric bypass. European Journal of Endocrinology, 2018, 179, R77-R93.	3.7	12
98	Implementing, Connecting, and Evaluating a Standard-Based Integrated Operating Room within a German University Hospital. ACI Open, 2018, 02, e10-e20.	0.5	0
99	Cited4 is a sexâ€biased mediator of the antidiabetic glitazone response in adipocyte progenitors. EMBO Molecular Medicine, 2018, 10, .	6.9	7
100	Prognostic differences in 8th edition TNM staging of esophagogastric adenocarcinoma after neoadjuvant treatment. European Journal of Surgical Oncology, 2018, 44, 1646-1656.	1.0	17
101	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
102	Hand-Assisted laparoscopic donor nephrectomy PERiumbilical versus Pfannenstiel incision and return to normal physical ACTivity (HAPERPACT): study protocol for a randomized controlled trial. Trials, 2018, 19, 377.	1.6	2
103	Evaluation of App-Based Serious Gaming as a Training Method in Teaching Chest Tube Insertion to Medical Students: Randomized Controlled Trial. Journal of Medical Internet Research, 2018, 20, e195.	4.3	48
104	Face validity of the pulsatile organ perfusion trainer for laparoscopic cholecystectomy. Surgical Endoscopy and Other Interventional Techniques, 2017, 31, 714-722.	2.4	21
105	Validation of the mobile serious game application Touch Surgeryâ„¢ for cognitive training and assessment of laparoscopic cholecystectomy. Surgical Endoscopy and Other Interventional Techniques, 2017, 31, 4058-4066.	2.4	59
106	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
107	Evaluation of Open and Minimally Invasive Adrenalectomy: A Systematic Review and Network Metaâ€analysis. World Journal of Surgery, 2017, 41, 2746-2757.	1.6	77
108	Projective biomechanical depth matching for soft tissue registration in laparoscopic surgery. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 1101-1110.	2.8	19

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109	Sustained effects of a psychoeducational group intervention following bariatric surgery: follow-up of the randomized controlled BaSE study. Surgery for Obesity and Related Diseases, 2017, 13, 1612-1618.	1.2	27
110	Is there a Reason Why Obese Patients Choose Either Conservative Treatment or Surgery?. Obesity Surgery, 2017, 27, 1684-1690.	2.1	20
111	Laparoscopic transgastric circumferential stapler-assisted vs. endoscopic esophageal mucosectomy in a porcine model. Endoscopy, 2017, 49, 668-674.	1.8	4
112	Indocyanine green fluorescence imaging in hepatobiliary surgery. Photodiagnosis and Photodynamic Therapy, 2017, 17, 208-215.	2.6	91
113	Paradigm shift: cognitive surgery. Innovative Surgical Sciences, 2017, 2, 139-143.	0.7	9
114	The TRIANGLE operation â€“ radical surgery after neoadjuvant treatment for advanced pancreatic cancer: a single arm observational study. Hpb, 2017, 19, 1001-1007.	0.3	124
115	Gastric bypass simultaneously improves adipose tissue function and insulin-dependent type 2 diabetes mellitus. Langenbeck's Archives of Surgery, 2017, 402, 901-910.	1.9	10
116	App-based serious gaming for training of chest tube insertion: study protocol for a randomized controlled trial. Trials, 2017, 18, 56.	1.6	18
117	Development and validation of a sensor- and expert model-based training system for laparoscopic surgery: the iSurgeon. Surgical Endoscopy and Other Interventional Techniques, 2017, 31, 2155-2165.	2.4	56
118	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. BMC Surgery, 2017, 17, 131.	1.3	3
119	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
120	Image-based laparoscopic bowel measurement. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 407-419.	2.8	17
121	Sequential learning of psychomotor and visuospatial skills for laparoscopic suturing and knot tyingâ€”a randomized controlled trial â€œThe Shoebox Studyâ€•DRKS00008668. Langenbeck's Archives of Surgery, 2016, 401, 893-901.	1.9	31
122	Incisional Hernia Rates After Laparoscopic or Open Abdominal Surgeryâ€”A Systematic Review and Metaâ€Analysis. World Journal of Surgery, 2016, 40, 2319-2330.	1.6	77
123	Direct Observation versus Endoscopic Video Recording-Based Rating with the Objective Structured Assessment of Technical Skills for Training of Laparoscopic Cholecystectomy. European Surgical Research, 2016, 57, 1-9.	1.3	40
124	Bridging the gap between formal and experience-based knowledge for context-aware laparoscopy. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 881-888.	2.8	18
125	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
126	Sequential learning of psychomotor and visuospatial skills for laparoscopic suturing and knot tying â€“ study protocol for a randomized controlled trial â€œThe shoebox studyâ€• Trials, 2016, 17, 14.	1.6	13

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127	Combined Non-alcoholic Fatty Liver Disease and Type 2 Diabetes Mellitus: Sleeve Gastrectomy or Gastric Bypass?â€"a Controlled Matched Pair Study of 34 Patients. Obesity Surgery, 2016, 26, 1867-1874.	2.1	66
128	Successful learning of surgical liver anatomy in a computer-based teaching module. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 2295-2301.	2.8	28
129	Intraoperative on-the-fly organ-mosaicking for laparoscopic surgery. Journal of Medical Imaging, 2015, 2, 045001.	1.5	13
130	Virtual Reality Training Versus Blended Learning of Laparoscopic Cholecystectomy. Medicine (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	71
131	Laparoscopic Mesh-augmented Hiatoplasty With Cardiophrenicopexy Versus Laparoscopic Nissen Fundoplication for the Treatment of Gastroesophageal Reflux Disease. Annals of Surgery, 2015, 262, 721-727.	4.2	12
132	Repair of Paraesophageal Hiatal Herniasâ€"Is a Fundoplication Needed? A Randomized Controlled Pilot Trial. Journal of the American College of Surgeons, 2015, 221, 602-610.	0.5	56
133	Radical Surgery with Total Mesorectal Excision in Patients with T1 Rectal Cancer. Annals of Surgical Oncology, 2015, 22, 2051-2058.	1.5	16
134	Computer-assisted abdominal surgery: new technologies. Langenbeck's Archives of Surgery, 2015, 400, 273-281.	1.9	53
135	A 1-year videoconferencing-based psychoeducational group intervention following bariatric surgery: results of a randomized controlled study. Surgery for Obesity and Related Diseases, 2015, 11, 1349-1360.	1.2	57
136	Nitrosative stress but not glycemic parameters correlate with improved neuropathy in nonseverely obese diabetic patients after Roux-Y gastric bypass. Surgery for Obesity and Related Diseases, 2015, 11, 847-854.	1.2	20
137	Risk of Malnutrition, Trace Metal, and Vitamin Deficiency PostÂRoux-en-Y Gastric Bypassâ€"a Prospective Study of 20 Patients with BMI <35Âkg/m2. Obesity Surgery, 2015, 25, 2125-2134.	2.1	32
138	Surgical Versus Medical Treatment of Type 2 Diabetes Mellitus in Nonseverely Obese Patients. Annals of Surgery, 2015, 261, 421-429.	4.2	125
139	BariSurg trial: Sleeve gastrectomy versus Roux-en-Y gastric bypass in obese patients with BMI 35â€"60Âkg/m2 â€" a multi-centre randomized patient and observer blind non-inferiority trial. BMC Surgery, 2015, 15, 87.	1.3	27
140	LapOntoSPM: an ontology for laparoscopic surgeries and its application to surgical phase recognition. International Journal of Computer Assisted Radiology and Surgery, 2015, 10, 1427-1434.	2.8	54
141	Reply: Splenic preservation during open and minimally invasive distal pancreatectomy in benign disease. Surgery, 2015, 158, 1744-1745.	1.9	0
142	Use of Mesh in Laparoscopic Paraesophageal Hernia Repair: A Meta-Analysis and Risk-Benefit Analysis. PLoS ONE, 2015, 10, e0139547.	2.5	62
143	Real-time image guidance in laparoscopic liver surgery: first clinical experience with a guidance system based on intraoperative CT imaging. Surgical Endoscopy and Other Interventional Techniques, 2014, 28, 933-940.	2.4	89
144	One or two trainees per workplace in a structured multimodality training curriculum for laparoscopic surgery? Study protocol for a randomized controlled trial â€" DRKS00004675. Trials, 2014, 15, 137.	1.6	29

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145	Patient expectations of bariatric surgery are gender specificâ€"a prospective, multicenter cohort study. Surgery for Obesity and Related Diseases, 2014, 10, 516-523.	1.2	28
146	Malabsorption as a Therapeutic Approach in Bariatric Surgery. Viszeralmedizin, 2014, 30, 2-2.	0.0	25
147	Regular three-dimensional presentations improve in the identification of surgical liver anatomy â€“ a randomized study. BMC Medical Education, 2013, 13, 131.	2.4	43
148	DiaSurg 2 trial - surgical vs. medical treatment of insulin-dependent type 2 diabetes mellitus in patients with a body mass index between 26 and 35Âkg/m2: study protocol of a randomized controlled multicenter trial - DRKS00004550. Trials, 2013, 14, 183.	1.6	37
149	Gastric Bypass Leads to Improvement of Diabetic Neuropathy Independent of Glucose Normalizationâ€"Results of a Prospective Cohort Study (DiaSurg 1 Study). Annals of Surgery, 2013, 258, 760-766.	4.2	71
150	Three-dimensional visualisation improves understanding of surgical liver anatomy. Medical Education, 2010, 44, 936-940.	2.1	57
151	Feasibility of a High Intrathoracic Esophagogastric Anastomosis Without Thoracic Access After Laparoscopic-Assisted Transhiatal Esophagectomy: A Pilot Experimental Study. Surgical Innovation, 2009, 16, 228-236.	0.9	3
152	Is a circular polypropylene mesh appropriate for application at the esophageal hiatus? Results from an experimental study in a porcine model. Surgical Endoscopy and Other Interventional Techniques, 2009, 23, 1372-1378.	2.4	17
153	The point of conversion in laparoscopic colonic surgery affects the oncologic outcome in an experimental rat model. Surgical Endoscopy and Other Interventional Techniques, 2009, 23, 1988-1994.	2.4	2
154	Laparoscopic mesh-augmented hiatoplasty as a method to treat gastroesophageal reflux without fundoplication: single-center experience with 306 consecutive patients. American Journal of Surgery, 2009, 198, 17-24.	1.8	26
155	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
156	Laparoscopic mesh-augmented hiatoplasty as a treatment of gastroesophageal reflux disease and hiatal herniasâ€"preliminary clinical and functional results of a prospective case series. American Journal of Surgery, 2008, 195, 749-756.	1.8	34
157	Respiratory motion compensation for CT-guided interventions in the liver. Computer Aided Surgery, 2008, 13, 125-138.	1.8	24
158	Respiratory motion compensation for CT-guided interventions in the liver. Computer Aided Surgery, 2008, 13, 125-138.	1.8	13
159	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
160	Endoscopic Posterior Mesorectal Resection After Transanal Local Excision of T1 Carcinomas of the Lower Third of the Rectum. Diseases of the Colon and Rectum, 2006, 49, 919-924.	1.3	27
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