

Barbara Seeliger

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,168
citations

430874

18
h-index

395702

33
g-index

42
all docs

42
docs citations

42
times ranked

1785
citing authors

#	ARTICLE	IF	CITATIONS
1	Visual Haptic Feedback for Training of Robotic Suturing. <i>Frontiers in Robotics and AI</i> , 2022, 9, 800232.	3.2	8
2	Rendezvous: Attention mechanisms for the recognition of surgical action triplets in endoscopic videos. <i>Medical Image Analysis</i> , 2022, 78, 102433.	11.6	47
3	Computer-assisted quantification and visualization of bowel perfusion using fluorescence-based enhanced reality in left-sided colonic resections. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 4321-4331.	2.4	42
4	Death following pulmonary complications of surgery before and during the SARS-CoV-2 pandemic. <i>British Journal of Surgery</i> , 2021, 108, 1448-1464.	0.3	29
5	Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study. <i>Anaesthesia</i> , 2021, 76, 748-758.	3.8	365
6	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) RNA in peritoneal fluid of coronavirus disease 2019 (COVID-19) patients—Prevalence and significance. <i>Surgery</i> , 2021, 169, 1559-1560.	1.9	1
7	Fluorescence Image-Guided Surgery for Thyroid Cancer: Utility for Preventing Hypoparathyroidism. <i>Cancers</i> , 2021, 13, 3792.	3.7	26
8	Early outcomes and complications following cardiac surgery in patients testing positive for coronavirus disease 2019: An international cohort study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, e355-e372.	0.8	18
9	Effects of preoperative isolation on postoperative pulmonary complications after elective surgery: an international prospective cohort study. <i>Anaesthesia</i> , 2021, 76, 1454-1464.	3.8	40
10	Nonlinear Robotics in Surgery. , 2021, , 285-310.		1
11	Preoperative nasopharyngeal swab testing and postoperative pulmonary complications in patients undergoing elective surgery during the SARS-CoV-2 pandemic. <i>British Journal of Surgery</i> , 2021, 108, 88-96.	0.3	45
12	OUP accepted manuscript. <i>BJS Open</i> , 2021, 5, .	1.7	0
13	Hiatal Hernias. , 2020, , 209-217.		0
14	HYPerspectral Enhanced Reality (HYPER): a physiology-based surgical guidance tool. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020, 34, 1736-1744.	2.4	48
15	Hybrid fluorescent magnetic gastrojejunostomy: an experimental feasibility study in the porcine model and human cadaver. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020, 34, 1393-1400.	2.4	15
16	Fluorescence-enabled assessment of adrenal gland localization and perfusion in posterior retroperitoneoscopic adrenal surgery in a preclinical model. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020, 34, 1401-1411.	2.4	8
17	Simultaneous computer-assisted assessment of mucosal and serosal perfusion in a model of segmental colonic ischemia. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020, 34, 4818-4827.	2.4	21
18	Near-infrared fluorescent coatings of medical devices for image-guided surgery. <i>Biomaterials</i> , 2020, 261, 120306.	11.4	22

#	ARTICLE	IF	CITATIONS
19	Delaying surgery for patients with a previous SARS-CoV-2 infection. <i>British Journal of Surgery</i> , 2020, 107, e601-e602.	0.3	96
20	Robotics in flexible endoscopy: current status and future prospects. <i>Current Opinion in Gastroenterology</i> , 2020, 36, 370-378.	2.3	13
21	Acute abdomen in patients with SARS-CoV-2 infection or co-infection. <i>Langenbeck's Archives of Surgery</i> , 2020, 405, 861-866.	1.9	20
22	Intraoperative imaging for remnant viability assessment in bilateral posterior retroperitoneoscopic partial adrenalectomy in an experimental model. <i>British Journal of Surgery</i> , 2020, 107, 1780-1790.	0.3	3
23	With regard to the article "Acute abdomen in patients with SARS-CoV-2 infection or co-infection", <i>Langenbeck's Archives of Surgery</i> , 2020, 405, 1259-1260.	1.9	2
24	Is the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) present intraperitoneally in patients with coronavirus disease 2019 (COVID-19) infection undergoing emergency operations?. <i>Surgery</i> , 2020, 168, 220-221.	1.9	25
25	Near-infrared fluorescent coatings for medical devices (Conference Presentation). , 2020, , .		0
26	Evaluation of pancreatic perfusion by fluorescence and hyperspectral enhanced reality (Conference) Tj ETQq0 0 0 rgBT /Overlçck 10 Tf 5		
27	An in vivo porcine dataset and evaluation methodology to measure soft-body laparoscopic liver registration accuracy with an extended algorithm that handles collisions. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019, 14, 1237-1245.	2.8	16
28	Enabling single-site laparoscopy: the SPORT platform. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 3696-3703.	2.4	56
29	Discrimination between arterial and venous bowel ischemia by computer-assisted analysis of the fluorescent signal. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 1988-1997.	2.4	26
30	Transcutaneous laryngeal ultrasonography (TLUS) as an alternative to direct flexible laryngoscopy (DFL) in the perioperative evaluation of the vocal cord mobility in thyroid surgery. <i>Langenbeck's Archives of Surgery</i> , 2018, 403, 1015-1020.	1.9	18
31	Posterior retroperitoneoscopic thoracic duct ligation: a novel surgical approach. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2018, 32, 3732-3737.	2.4	4
32	New intraoperative imaging technologies: Innovating the surgeon's eye toward surgical precision. <i>Journal of Surgical Oncology</i> , 2018, 118, 265-282.	1.7	46
33	Fluorescence in rectal cancer surgery. <i>Annals of Laparoscopic and Endoscopic Surgery</i> , 2018, 3, 47-47.	0.5	3
34	Posterior retroperitoneoscopic adrenal surgery for clinical and subclinical Cushing's syndrome in patients with bilateral adrenal disease. <i>Langenbeck's Archives of Surgery</i> , 2017, 402, 775-785.	1.9	27
35	Diagnostic value and clinical impact of complementary CT scan prior to surgery for non-localized primary hyperparathyroidism. <i>Langenbeck's Archives of Surgery</i> , 2015, 400, 307-312.	1.9	12
36	Polypoid Gallbladder Lesion in the Context of Renal Cell Carcinoma. <i>Journal of Investigative Medicine High Impact Case Reports</i> , 2013, 1, 232470961349900.	0.6	3

#	ARTICLE	IF	CITATIONS
37	Duodenal Duplication Cyst: A Potentially Malignant Disease. <i>Annals of Surgical Oncology</i> , 2012, 19, 3753-3754.	1.5	31
38	CpG island methylation patterns in chronic lymphocytic leukemia. <i>Leukemia and Lymphoma</i> , 2009, 50, 419-426.	1.3	24