

# Boris Jansen-Winkeln

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

1,289  
citations

394421

19  
h-index

414414

32  
g-index

92  
all docs

92  
docs citations

92  
times ranked

1134  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effectiveness of triclosan-coated PDS Plus versus uncoated PDS II sutures for prevention of surgical site infection after abdominal wall closure: the randomised controlled PROUD trial. <i>Lancet</i> , The, 2014, 384, 142-152.	13.7	153
2	Transabdominal Preperitoneal (TAPP) versus Lichtenstein operation for primary inguinal hernia repair – A systematic review and meta-analysis of randomized controlled trials. <i>BMC Surgery</i> , 2017, 17, 55.	1.3	97
3	Determination of the transection margin during colorectal resection with hyperspectral imaging (HSI). <i>International Journal of Colorectal Disease</i> , 2019, 34, 731-739.	2.2	75
4	Evaluation of hyperspectral imaging (HSI) for the measurement of ischemic conditioning effects of the gastric conduit during esophagectomy. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2019, 33, 3775-3782.	2.4	63
5	Pressurized Intraperitoneal Aerosol Chemotherapy (PIPAC) in Gastric Cancer Patients with Peritoneal Metastasis (PM): Results of a Single-Center Experience and Register Study. <i>Journal of Gastric Cancer</i> , 2018, 18, 379.	2.5	54
6	Feedforward Artificial Neural Network-Based Colorectal Cancer Detection Using Hyperspectral Imaging: A Step towards Automatic Optical Biopsy. <i>Cancers</i> , 2021, 13, 967.	3.7	50
7	Comparison of hyperspectral imaging and fluorescence angiography for the determination of the transection margin in colorectal resections – a comparative study. <i>International Journal of Colorectal Disease</i> , 2021, 36, 283-291.	2.2	43
8	Hyperspectral Imaging (HSI) in Acute Mesenteric Ischemia to Detect Intestinal Perfusion Deficits. <i>Journal of Surgical Research</i> , 2020, 254, 7-15.	1.6	38
9	Laparoscopic system for simultaneous high-resolution video and rapid hyperspectral imaging in the visible and near-infrared spectral range. <i>Journal of Biomedical Optics</i> , 2020, 25, .	2.6	36
10	Intraoperative Guidance Using Hyperspectral Imaging: A Review for Surgeons. <i>Diagnostics</i> , 2021, 11, 2066.	2.6	33
11	Automatic Recognition of Colon and Esophagogastric Cancer with Machine Learning and Hyperspectral Imaging. <i>Diagnostics</i> , 2021, 11, 1810.	2.6	30
12	Tissue classification of oncologic esophageal resectates based on hyperspectral data. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019, 14, 1651-1661.	2.8	29
13	Classification of hyperspectral endocrine tissue images using support vector machines. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2020, 16, 1-10.	2.3	25
14	Individual Susceptibility Analysis Using Patient-derived Slice Cultures of Colorectal Carcinoma. <i>Clinical Colorectal Cancer</i> , 2018, 17, e189-e199.	2.3	24
15	The role of virtual reality simulation in surgical training in the light of COVID-19 pandemic. <i>Medicine (United States)</i> , 2021, 100, e27844.	1.0	23
16	Preoperative Upper-GI Endoscopy Prior to Bariatric Surgery: Essential or Optional?. <i>Obesity Surgery</i> , 2020, 30, 2076-2084.	2.1	22
17	The TICAP-Study (titanium clips for appendicular stump closure): A prospective multicentre observational study on appendicular stump closure with an innovative titanium clip. <i>BMC Surgery</i> , 2015, 15, 85.	1.3	21
18	Randomized controlled multicenter trial on the effectiveness of the collagen hemostat Sangustop® compared with a carrier-bound fibrin sealant during liver resection (ESSCALIVER study, NCT00918619). <i>Langenbeck's Archives of Surgery</i> , 2014, 399, 725-733.	1.9	20

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19	Achalasiaâ€”an unnecessary long way to diagnosis. <i>Ecological Management and Restoration</i> , 2017, 30, 1-6.	0.4	20
20	Hyperspectral imaging as a new optical method for the measurement of gastric conduit perfusion. <i>Ecological Management and Restoration</i> , 2019, 32, 1-1.	0.4	20
21	Hyperspectral based discrimination of thyroid and parathyroid during surgery. <i>Current Directions in Biomedical Engineering</i> , 2018, 4, 399-402.	0.4	19
22	Pressurized IntraPeritoneal Aerosol Chemotherapy (PIPAC) in patients with peritoneal metastasized colorectal, appendiceal and small bowel cancer. <i>Tumori</i> , 2020, 106, 70-78.	1.1	19
23	Achalasia with megaesophagus and tracheal compression in a young patient: A case report. <i>International Journal of Surgery Case Reports</i> , 2015, 14, 16-18.	0.6	16
24	A Novel Technique to Improve Anastomotic Perfusion Prior to Esophageal Surgery: Hybrid Ischemic Preconditioning of the Stomach. Preclinical Efficacy Proof in a Porcine Survival Model. <i>Cancers</i> , 2020, 12, 2977.	3.7	15
25	Novel Intraoperative Imaging of Gastric Tube Perfusion during Oncologic Esophagectomyâ€”A Pilot Study Comparing Hyperspectral Imaging (HSI) and Fluorescence Imaging (FI) with Indocyanine Green (ICG). <i>Cancers</i> , 2022, 14, 97.	3.7	15
26	Hyperspectral imaging and indocyanine green fluorescence angiography in acute mesenteric ischemia: A case report on how to visualize intestinal perfusion. <i>International Journal of Surgery Case Reports</i> , 2021, 82, 105853.	0.6	13
27	Hyperspectral Imaging (HSI)â€”A New Tool to Estimate the Perfusion of Upper Abdominal Organs during Pancreatoduodenectomy. <i>Cancers</i> , 2021, 13, 2846.	3.7	13
28	Response to TNF- $\alpha$ Is Increasing Along with the Progression in Barrettâ€™s Esophagus. <i>Digestive Diseases and Sciences</i> , 2017, 62, 3391-3401.	2.3	12
29	Quantitative serosal and mucosal optical imaging perfusion assessment in gastric conduits for esophageal surgery: an experimental study in enhanced reality. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020, 35, 5827-5835.	2.4	12
30	Establishing PNB-qPCR for quantifying minimal ctDNA concentrations during tumour resection. <i>Scientific Reports</i> , 2017, 7, 8876.	3.3	11
31	In-depth characterization of the Wnt-signaling/ $\beta$ -catenin pathway in an in vitro model of Barrettâ€™s sequence. <i>BMC Gastroenterology</i> , 2019, 19, 38.	2.0	11
32	Border Line Definition Using Hyperspectral Imaging in Colorectal Resections. <i>Cancers</i> , 2022, 14, 1188.	3.7	11
33	New Intraoperative Imaging Tools and Image-Guided Surgery in Gastric Cancer Surgery. <i>Diagnostics</i> , 2022, 12, 507.	2.6	11
34	Video: Clinical evaluation of a laparoscopic hyperspectral imaging system. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2022, 36, 7794-7799.	2.4	11
35	Preoperative endoscopic marking of the gastrointestinal tract using fluorescence imaging: submucosal indocyanine green tattooing versus a novel fluorescent over-the-scope clip in a survival experimental study. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 5115-5123.	2.4	9
36	Combined indocyanine green and quantitative perfusion assessment with hyperspectral imaging during colorectal resections. <i>Biomedical Optics Express</i> , 2022, 13, 3145.	2.9	9

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37	Pringle maneuver increases the risk of anastomotic leakage after colonic resection in rats. <i>Hpb</i> , 2018, 20, 392-397.	0.3	8
38	Psoas abscess secondary to retroperitoneal distant metastases from squamous cell carcinoma of the cervix with thrombosis of the inferior vena cava and duodenal infiltration treated by Whipple procedure: A case report and review of the literature. <i>BMC Surgery</i> , 2016, 16, 55.	1.3	7
39	Biomechanical Effects of Incisional Negative Wound Pressure Dressing: An Ex Vivo Model Using Human and Porcine Abdominal Walls. <i>BioMed Research International</i> , 2018, 2018, 1-7.	1.9	7
40	Mechanical plus oral bowel preparation with paromomycin and metronidazole reduces infectious complications in elective colorectal surgery: a matched case-control study. <i>International Journal of Colorectal Disease</i> , 2021, 36, 1839-1849.	2.2	7
41	Interrupted sutures prevent recurrent abdominal fascial dehiscence: a comparative retrospective single center cohort analysis of risk factors of burst abdomen and its recurrence as well as surgical repair techniques. <i>BMC Surgery</i> , 2021, 21, 208.	1.3	6
42	Characterization of Total RNA, CD44, FASN, and PTEN mRNAs from Extracellular Vesicles as Biomarkers in Gastric Cancer Patients. <i>Cancers</i> , 2021, 13, 5975.	3.7	6
43	Identification of loci of functional relevance to Barrett's esophagus and esophageal adenocarcinoma: Cross-referencing of expression quantitative trait loci data from disease-relevant tissues with genetic association data. <i>PLoS ONE</i> , 2019, 14, e0227072.	2.5	5
44	Incisional negative pressure wound therapy does not reduce surgical site infections in abdominal midline incisions: a case control study. <i>Acta Chirurgica Belgica</i> , 2020, 120, 250-256.	0.4	5
45	Cecal Resection with Bipolar Sealing Devices in a Rat Model. <i>Journal of Investigative Surgery</i> , 2020, 33, 59-66.	1.3	5
46	CRBP-TS - evaluation of a home-based training and health care program for colorectal, breast, and prostate cancer using telemonitoring and self-management: study protocol for a randomized controlled trial. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2021, 13, 15.	1.7	5
47	Stress biomarkers in minimally invasive and conventional colorectal resections. <i>Acta Chirurgica Belgica</i> , 2019, 119, 152-161.	0.4	4
48	Nrf2/Keap1-Pathway Activation and Reduced Susceptibility to Chemotherapy Treatment by Acidification in Esophageal Adenocarcinoma Cells. <i>Cancers</i> , 2021, 13, 2806.	3.7	4
49	Hyperspectral imaging detects perfusion and oxygenation differences between stapled and hand-sewn intestinal anastomoses. <i>Innovative Surgical Sciences</i> , 2022, 7, 59-63.	0.7	4
50	The dawning of perioperative care in esophageal cancer. <i>Journal of Thoracic Disease</i> , 2017, 9, 3488-3492.	1.4	3
51	Upregulation of VEGFR1 in a rat model of esophagogastric anastomotic healing. <i>Acta Chirurgica Belgica</i> , 2018, 118, 161-166.	0.4	3
52	Severe ileocecal inflammatory syndrome in adult patients with cystic fibrosis. <i>Zeitschrift Fur Gastroenterologie</i> , 2019, 57, 312-316.	0.5	2
53	Hyperspectral Imaging: A New Intraoperative Tool for Pouch Assessment in Patients Undergoing Restorative Proctocolectomy. <i>Visceral Medicine</i> , 2021, 37, 1-7.	1.3	2
54	Precision Surgery In Rectal Resection With Hyperspectral And Fluorescence Imaging And Pelvic Intraoperative Neuromonitoring (With Video). <i>Surgical Technology International</i> , 0, , .	0.2	2

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55	Semi-automatic decision-making process in histopathological specimens from Barrett's carcinoma patients using hyperspectral imaging (HSI). <i>Current Directions in Biomedical Engineering</i> , 2020, 6, 261-263.	0.4	2
56	Using physiological parameters measured by hyperspectral imaging to detect colorectal cancer. , 2021, 2021, 3865-3868.		2
57	Determination of the Ideal Anastomotic Position by Hyperspectral Imaging in Colorectal Resection. <i>Journal of the American College of Surgeons</i> , 2020, 231, e9.	0.5	1
58	Surgical Revision Promotes Presence of Enterococcus spp. in Abdominal Superficial Surgical Site Infections. <i>Journal of Gastrointestinal Surgery</i> , 2022, 26, 444-452.	1.7	1
59	Modified Incisional Negative Pressure Wound Therapy Increases Seroma Evacuation: An Ex Vivo Model. <i>BioMed Research International</i> , 2021, 2021, 1-7.	1.9	1
60	Transsacral rectocele following combined neurinoma resection: A case report. <i>International Journal of Surgery Case Reports</i> , 2016, 20, 101-103.	0.6	0
61	An unusual hypoechoic solid mass in the pancreatic head. <i>Zeitschrift Fur Gastroenterologie</i> , 2017, 55, 375-378.	0.5	0
62	Localization of Peritoneal Tumor Recurrence. , 2021, , 343-351.		0
63	Hernia repair using a biosynthetic mesh graft in cirrhotic patients with incarcerated hernia umbilical: a case series. <i>Zeitschrift Fur Gastroenterologie</i> , 2017, 55, .	0.5	0
64	Lokalisation von Rezidiven bei Tumoren des Peritoneums. , 2018, , 357-365.		0