

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 | 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 |
| 2 | Border Line Definition Using Hyperspectral Imaging in Colorectal Resections. <i>Cancers</i> , 2022, 14, 1188. | 3.7 | 11 |
| 3 | New Intraoperative Imaging Tools and Image-Guided Surgery in Gastric Cancer Surgery. <i>Diagnostics</i> , 2022, 12, 507. | 2.6 | 11 |
| 4 | Combined indocyanine green and quantitative perfusion assessment with hyperspectral imaging during colorectal resections. <i>Biomedical Optics Express</i> , 2022, 13, 3145. | 2.9 | 9 |
| 5 | 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 |
| 6 | Video: Clinical evaluation of a laparoscopic hyperspectral imaging system. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2022, 36, 7794-7799. | 2.4 | 11 |
| 7 | 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 |
| 8 | 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 |
| 9 | Comparison of hyperspectral imaging and fluorescence angiography for the determination of the transection margin in colorectal resectionsâ€”a comparative study. <i>International Journal of Colorectal Disease</i> , 2021, 36, 283-291. | 2.2 | 43 |
| 10 | Localization of Peritoneal Tumor Recurrence. , 2021, , 343-351. | | 0 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

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|----|---|-----|-----------|
| 19 | Automatic Recognition of Colon and Esophagogastric Cancer with Machine Learning and Hyperspectral Imaging. <i>Diagnostics</i> , 2021, 11, 1810. | 2.6 | 30 |
| 20 | 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 |
| 21 | Intraoperative Guidance Using Hyperspectral Imaging: A Review for Surgeons. <i>Diagnostics</i> , 2021, 11, 2066. | 2.6 | 33 |
| 22 | 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 |
| 23 | Using physiological parameters measured by hyperspectral imaging to detect colorectal cancer. , 2021, 2021, 3865-3868. | | 2 |
| 24 | 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 |
| 25 | 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 |
| 26 | Cecal Resection with Bipolar Sealing Devices in a Rat Model. <i>Journal of Investigative Surgery</i> , 2020, 33, 59-66. | 1.3 | 5 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | Preoperative Upper-GI Endoscopy Prior to Bariatric Surgery: Essential or Optional?. <i>Obesity Surgery</i> , 2020, 30, 2076-2084. | 2.1 | 22 |
| 34 | 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 |
| 35 | 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 |
| 36 | Stress biomarkers in minimally invasive and conventional colorectal resections. <i>Acta Chirurgica Belgica</i> , 2019, 119, 152-161. | 0.4 | 4 |

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|----|--|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | Severe ileocecal inflammatory syndrome in adult patients with cystic fibrosis. <i>Zeitschrift Fur Gastroenterologie</i> , 2019, 57, 312-316. | 0.5 | 2 |
| 41 | In-depth characterization of the Wnt-signaling/ β -catenin pathway in an in vitro model of Barrett's sequence. <i>BMC Gastroenterology</i> , 2019, 19, 38. | 2.0 | 11 |
| 42 | 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 |
| 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 | Pringle maneuver increases the risk of anastomotic leakage after colonic resection in rats. <i>Hpb</i> , 2018, 20, 392-397. | 0.3 | 8 |
| 45 | Upregulation of VEGFR1 in a rat model of esophagogastric anastomotic healing. <i>Acta Chirurgica Belgica</i> , 2018, 118, 161-166. | 0.4 | 3 |
| 46 | Individual Susceptibility Analysis Using Patient-derived Slice Cultures of Colorectal Carcinoma. <i>Clinical Colorectal Cancer</i> , 2018, 17, e189-e199. | 2.3 | 24 |
| 47 | 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 |
| 48 | 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 |
| 49 | Hyperspectral based discrimination of thyroid and parathyroid during surgery. <i>Current Directions in Biomedical Engineering</i> , 2018, 4, 399-402. | 0.4 | 19 |
| 50 | Lokalisation von Rezidiven bei Tumoren des Peritoneums. , 2018, , 357-365. | | 0 |
| 51 | An unusual hypoechoic solid mass in the pancreatic head. <i>Zeitschrift Fur Gastroenterologie</i> , 2017, 55, 375-378. | 0.5 | 0 |
| 52 | 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 |
| 53 | Response to TNF- α Is Increasing Along with the Progression in Barrett's Esophagus. <i>Digestive Diseases and Sciences</i> , 2017, 62, 3391-3401. | 2.3 | 12 |
| 54 | Establishing PNB-qPCR for quantifying minimal ctDNA concentrations during tumour resection. <i>Scientific Reports</i> , 2017, 7, 8876. | 3.3 | 11 |

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|----|---|------|-----------|
| 55 | Achalasia – an unnecessary long way to diagnosis. <i>Ecological Management and Restoration</i> , 2017, 30, 1-6. | 0.4 | 20 |
| 56 | The dawning of perioperative care in esophageal cancer. <i>Journal of Thoracic Disease</i> , 2017, 9, 3488-3492. | 1.4 | 3 |
| 57 | 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 |
| 58 | 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 |
| 59 | Transsacral rectocele following combined neurinoma resection: A case report. <i>International Journal of Surgery Case Reports</i> , 2016, 20, 101-103. | 0.6 | 0 |
| 60 | 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 |
| 61 | 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 |
| 62 | 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 |
| 63 | 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, The</i> , 2014, 384, 142-152. | 13.7 | 153 |
| 64 | 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 |