

Armin Wiegering

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

2,440
citations

218592

26
h-index

276775

41
g-index

136
all docs

136
docs citations

136
times ranked

3092
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Update of Guidelines for laparoscopic treatment of ventral and incisional abdominal wall hernias (International Endohernia Society (IEHS))â€”Part A. Surgical Endoscopy and Other Interventional Techniques, 2019, 33, 3069-3139. | 1.3 | 185 |
| 2 | Update of Guidelines for laparoscopic treatment of ventral and incisional abdominal wall hernias (International Endohernia Society (IEHS)): Part B. Surgical Endoscopy and Other Interventional Techniques, 2019, 33, 3511-3549. | 1.3 | 97 |
| 3 | Tumor cellâ€specific inhibition of <sc>MYC</sc> function using small molecule inhibitors of the <sc>HUWE</sc>1 ubiquitin ligase. EMBO Molecular Medicine, 2014, 6, 1525-1541. | 3.3 | 92 |
| 4 | MYC Recruits SPT5 to RNA Polymerase II to Promote Processive Transcription Elongation. Molecular Cell, 2019, 74, 674-687.e11. | 4.5 | 89 |
| 5 | Surgery in times of COVID-19â€”recommendations for hospital and patient management. Langenbeck's Archives of Surgery, 2020, 405, 359-364. | 0.8 | 88 |
| 6 | Targeting Translation Initiation Bypasses Signaling Crosstalk Mechanisms That Maintain High MYC Levels in Colorectal Cancer. Cancer Discovery, 2015, 5, 768-781. | 7.7 | 86 |
| 7 | Importance of recurrence rating, morphology, hernial gap size, and risk factors in ventral and incisional hernia classification. Hernia: the Journal of Hernias and Abdominal Wall Surgery, 2014, 18, 19-30. | 0.9 | 78 |
| 8 | Mortality and Complications Following Visceral Surgery. Deutsches Ärztblatt International, 2019, 116, 739-746. | 0.6 | 68 |
| 9 | A MYCâ€GCN2â€eIF2Î± negative feedback loop limits protein synthesis to prevent MYC-dependent apoptosis in colorectal cancer. Nature Cell Biology, 2019, 21, 1413-1424. | 4.6 | 65 |
| 10 | Location-specific cell identity rather than exposure to GI microbiota defines many innate immune signalling cascades in the gut epithelium. Gut, 2021, 70, 687-697. | 6.1 | 61 |
| 11 | Changes in appendicitis treatment during the COVID-19 pandemic â€” A systematic review and meta-analysis. International Journal of Surgery, 2021, 95, 106148. | 1.1 | 54 |
| 12 | The Treatment of Incisional Hernia. Deutsches Ärztblatt International, 2018, 115, 31-37. | 0.6 | 53 |
| 13 | Impact of the COVID-19 pandemic on appendicitis treatment in Germanyâ€”a population-based analysis. Langenbeck's Archives of Surgery, 2021, 406, 377-383. | 0.8 | 43 |
| 14 | Nationwide in-hospital mortality rate following rectal resection for rectal cancer according to annual hospital volume in Germany. BJS Open, 2020, 4, 310-319. | 0.7 | 42 |
| 15 | Targeting bromodomain-containing protein 4 (BRD4) inhibits MYC expression in colorectal cancer cells. Neoplasia, 2019, 21, 1110-1120. | 2.3 | 40 |
| 16 | Conservative Management of Acute Appendicitis in Children With Hematologic Malignancies During Chemotherapy-induced Neutropenia. Journal of Pediatric Hematology/Oncology, 2008, 30, 464-467. | 0.3 | 39 |
| 17 | Interference with ERK-dimerization at the nucleocytosolic interface targets pathological ERK1/2 signaling without cardiotoxic side-effects. Nature Communications, 2020, 11, 1733. | 5.8 | 38 |
| 18 | Nationwide inâ€hospital mortality following colonic cancer resection according to hospital volume in Germany. BJS Open, 2019, 3, 672-677. | 0.7 | 37 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | CIP2A Influences Survival in Colon Cancer and Is Critical for Maintaining Myc Expression. PLoS ONE, 2013, 8, e75292. | 1.1 | 36 |
| 20 | Mortality and complication management after surgery for colorectal cancer depending on the DKC minimum amounts for hospital volume. European Journal of Surgical Oncology, 2021, 47, 850-857. | 0.5 | 35 |
| 21 | Gentamicin for prevention of intraoperative mesh contamination: demonstration of high bactericide effect (in vitro) and low systemic bioavailability (in vivo). Hernia: the Journal of Hernias and Abdominal Wall Surgery, 2014, 18, 691-700. | 0.9 | 33 |
| 22 | Reactivating p53 and Inducing Tumor Apoptosis (RITA) Enhances the Response of RITA-Sensitive Colorectal Cancer Cells to Chemotherapeutic Agents 5-Fluorouracil and Oxaliplatin. Neoplasia, 2017, 19, 301-309. | 2.3 | 33 |
| 23 | Targeting Protein Synthesis in Colorectal Cancer. Cancers, 2020, 12, 1298. | 1.7 | 32 |
| 24 | Multimodal therapy in treatment of rectal cancer is associated with improved survival and reduced local recurrence - a retrospective analysis over two decades. BMC Cancer, 2014, 14, 816. | 1.1 | 30 |
| 25 | The impact of pyrvinium pamoate on colon cancer cell viability. International Journal of Colorectal Disease, 2014, 29, 1189-1198. | 1.0 | 29 |
| 26 | Antiproliferative and antimetabolic effects behind the anticancer property of fermented wheat germ extract. BMC Complementary and Alternative Medicine, 2016, 16, 160. | 3.7 | 29 |
| 27 | Improved survival of patients with colon cancer detected by screening colonoscopy. International Journal of Colorectal Disease, 2016, 31, 1039-1045. | 1.0 | 27 |
| 28 | Abdominal fluid samples (negative for SARS-CoV-2) from a critically unwell patient with respiratory COVID-19. British Journal of Surgery, 2020, 107, e259-e260. | 0.1 | 25 |
| 29 | Brain Metastases from Colorectal Cancer: A Systematic Review of the Literature and Meta-Analysis to Establish a Guideline for Daily Treatment. Cancers, 2021, 13, 900. | 1.7 | 25 |
| 30 | Hospital volume following major surgery for gastric cancer determines in-hospital mortality rate and failure to rescue: a nation-wide study based on German billing data (2009-2017). Gastric Cancer, 2021, 24, 959-969. | 2.7 | 24 |
| 31 | Lessons and challenges during a 5-year follow-up of 21 Composix Kugel implantations. Hernia: the Journal of Hernias and Abdominal Wall Surgery, 2013, 17, 435-443. | 0.9 | 21 |
| 32 | Establishing Pure Cancer Organoid Cultures: Identification, Selection and Verification of Cancer Phenotypes and Genotypes. Journal of Molecular Biology, 2019, 431, 2884-2893. | 2.0 | 21 |
| 33 | Impact of Borderline Resectability in Pancreatic Head Cancer on Patient Survival: Biology Matters According to the New International Consensus Criteria. Annals of Surgical Oncology, 2021, 28, 2325-2336. | 0.7 | 21 |
| 34 | Risk-Adjusted Mortality Rates as a Quality Proxy Outperform Volume in Surgical Oncology—A New Perspective on Hospital Centralization Using National Population-Based Data. Journal of Clinical Oncology, 2022, 40, 1041-1050. | 0.8 | 21 |
| 35 | Noninvasive visualization of tumor growth in a human colorectal liver metastases xenograft model using bioluminescence in vivo imaging. Journal of Surgical Research, 2013, 185, 143-151. | 0.8 | 20 |
| 36 | E7080 (Lenvatinib), a Multi-Targeted Tyrosine Kinase Inhibitor, Demonstrates Antitumor Activities Against Colorectal Cancer Xenografts. Neoplasia, 2014, 16, 972-981. | 2.3 | 20 |

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|----|--|-----|-----------|
| 37 | Goettingen Minipigs (GMP): Comparison of Two Different Models for Inducing Diabetes. <i>Diabetology and Metabolic Syndrome</i> , 2012, 4, 7. | 1.2 | 19 |
| 38 | Risk-adjusted procedure tailoring leads to uniformly low complication rates in ventral and incisional hernia repair: a propensity score analysis and internal validation of classification criteria. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2017, 21, 569-582. | 0.9 | 19 |
| 39 | Effects of anastomotic technique on early postoperative outcome in open right-sided hemicolectomy. <i>BJS Open</i> , 2019, 3, 203-209. | 0.7 | 19 |
| 40 | Pathological complete response due to a prolonged time interval between preoperative chemoradiation and surgery in locally advanced rectal cancer: analysis from the German StuDoQ Rectalcarcinoma registry. <i>BMC Cancer</i> , 2020, 20, 49. | 1.1 | 18 |
| 41 | Diagnostic value of preoperative CT scan to stratify colon cancer for neoadjuvant therapy. <i>International Journal of Colorectal Disease</i> , 2015, 30, 1067-1073. | 1.0 | 16 |
| 42 | Defining the Scope of Antimicrobial Stewardship Interventions on the Prescription Quality of Antibiotics for Surgical Intra-Abdominal Infections. <i>Antibiotics</i> , 2021, 10, 73. | 1.5 | 16 |
| 43 | Ephrin receptor A2, the epithelial receptor for Epstein-Barr virus entry, is not available for efficient infection in human gastric organoids. <i>PLoS Pathogens</i> , 2021, 17, e1009210. | 2.1 | 16 |
| 44 | MYC- and MIZ1-Dependent Vesicular Transport of Double-Strand RNA Controls Immune Evasion in Pancreatic Ductal Adenocarcinoma. <i>Cancer Research</i> , 2021, 81, 4242-4256. | 0.4 | 15 |
| 45 | The impact of pulmonary metastasectomy in patients with previously resected colorectal cancer liver metastases. <i>PLoS ONE</i> , 2017, 12, e0173933. | 1.1 | 15 |
| 46 | Impact of incisional negative pressure wound therapy on perineal wound healing after abdominoperineal rectum extirpation. <i>International Journal of Colorectal Disease</i> , 2017, 32, 291-293. | 1.0 | 14 |
| 47 | Nationwide effect of high procedure volume in lung cancer surgery on in-house mortality in Germany. <i>Lung Cancer</i> , 2020, 149, 78-83. | 0.9 | 14 |
| 48 | Mortality, complications and failure to rescue after surgery for esophageal, gastric, pancreatic and liver cancer patients based on minimum caseloads set by the German Cancer Society. <i>European Journal of Surgical Oncology</i> , 2022, 48, 924-932. | 0.5 | 14 |
| 49 | Impact of adjuvant chemotherapy after neoadjuvant radio- or radiochemotherapy for patients with locally advanced rectal cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2017, 143, 2363-2373. | 1.2 | 13 |
| 50 | Disproportionately high failure to rescue rates after resection for colorectal cancer in the geriatric patient population – A nationwide study. <i>Cancer Medicine</i> , 2022, 11, 4256-4264. | 1.3 | 13 |
| 51 | Laparoscopic versus open right hemicolectomy in colon carcinoma: A propensity score analysis of the DGAV StuDoQ ColonCancer registry. <i>PLoS ONE</i> , 2019, 14, e0218829. | 1.1 | 12 |
| 52 | Colorectal cancer in Crohn's colitis is associated with advanced tumor invasion and a poorer survival compared with ulcerative colitis: a retrospective dual-center study. <i>International Journal of Colorectal Disease</i> , 2021, 36, 141-150. | 1.0 | 12 |
| 53 | Case Report: Abdominal Lymph Node Metastases of Parathyroid Carcinoma: Diagnostic Workup, Molecular Diagnosis, and Clinical Management. <i>Frontiers in Endocrinology</i> , 2021, 12, 643328. | 1.5 | 12 |
| 54 | Adrenocortical Carcinoma in Childhood: A Systematic Review. <i>Cancers</i> , 2021, 13, 5266. | 1.7 | 12 |

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|----|---|-----|-----------|
| 55 | TKTL1 expression in human malign and benign cell lines. BMC Cancer, 2015, 15, 2. | 1.1 | 11 |
| 56 | Toxic drug-induced liver failure during therapy of rheumatoid arthritis with tocilizumab subcutaneously: a case report. Rheumatology, 2017, 56, 1628-1629. | 0.9 | 11 |
| 57 | Pitfalls in interpretation of large registry data on hernia repair. Hernia: the Journal of Hernias and Abdominal Wall Surgery, 2018, 22, 947-950. | 0.9 | 11 |
| 58 | Systematic review and meta-analysis on volume-outcome relationship of abdominal surgical procedures in Germany. International Journal of Surgery, 2021, 86, 24-31. | 1.1 | 11 |
| 59 | Laparoscopic appendectomy versus antibiotic treatment for acute appendicitis—a systematic review. International Journal of Colorectal Disease, 2021, 36, 2283-2286. | 1.0 | 11 |
| 60 | Excess Body Weight and Abdominal Hernia. Visceral Medicine, 2021, 37, 246-253. | 0.5 | 11 |
| 61 | Organoid Models for Cancer Research—From Bed to Bench Side and Back. Cancers, 2021, 13, 4812. | 1.7 | 11 |
| 62 | Trends in age- and sex-specific lung cancer mortality in Europe and Northern America: Analysis of vital registration data from the WHO Mortality Database between 2000 and 2017. European Journal of Cancer, 2022, , . | 1.3 | 11 |
| 63 | Validation and educational impact study of the NANEP high-fidelity simulation model for open preperitoneal mesh repair of umbilical hernia. Hernia: the Journal of Hernias and Abdominal Wall Surgery, 2020, 24, 873-881. | 0.9 | 10 |
| 64 | Desmoplastic Small Round Cell Tumors: A review with focus on clinical management and therapeutic options. Cancer Treatment Reviews, 2021, 93, 102140. | 3.4 | 10 |
| 65 | Impact of Lymphadenectomy on the Oncologic Outcome of Patients with Adrenocortical Carcinoma—a Systematic Review and Meta-Analysis. Cancers, 2022, 14, 291. | 1.7 | 10 |
| 66 | Impact of surgical proficiency levels on postoperative morbidity: a single centre analysis of 558 ileostomy reversals. International Journal of Colorectal Disease, 2018, 33, 601-608. | 1.0 | 9 |
| 67 | Validation of MTL30 as a quality indicator for colorectal surgery. PLoS ONE, 2020, 15, e0238473. | 1.1 | 9 |
| 68 | Lenvatinib halts aortic aneurysm growth by restoring smooth muscle cell contractility. JCI Insight, 2021, 6, . | 2.3 | 9 |
| 69 | Robotic hernia repair—III. English version. Chirurg, 2021, 92, 28-39. | 2.3 | 9 |
| 70 | Safety of anastomoses in colorectal cancer surgery in octogenarians: a prospective cohort study with propensity score matching. BJS Open, 2021, 5, . | 0.7 | 8 |
| 71 | Original article: role of adjuvant chemotherapy in a perioperative chemotherapy regimen for gastric cancer. BMC Cancer, 2016, 16, 650. | 1.1 | 7 |
| 72 | Morbidity and oncologic outcome after saphenous vein-sparing inguinal lymphadenectomy in melanoma patients. World Journal of Surgical Oncology, 2017, 15, 99. | 0.8 | 7 |

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|----|---|-----|-----------|
| 73 | Prognostic impact of simultaneous venous resections during surgery for resectable pancreatic cancer. <i>Hpb</i> , 2020, 22, 1384-1393. | 0.1 | 7 |
| 74 | Robotic hernia surgery. English version. <i>Chirurg</i> , 2021, 92, 1-13. | 2.3 | 7 |
| 75 | Robotic hernia repair. English version. <i>Chirurg</i> , 2021, 92, 15-26. | 2.3 | 7 |
| 76 | Incisional hernia repair in a high-fidelity silicone model for open retro-muscular mesh implantation with preparation of the fatty triangle: validation and educational impact study. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2020, 24, 1307-1315. | 0.9 | 6 |
| 77 | CIP2A regulates MYC translation (via its 5'UTR) in colorectal cancer. <i>International Journal of Colorectal Disease</i> , 2021, 36, 911-918. | 1.0 | 6 |
| 78 | Successful surgical closure of infected abdominal wounds following preconditioning with negative pressure wound therapy. <i>Langenbeck's Archives of Surgery</i> , 2021, 406, 2479-2487. | 0.8 | 6 |
| 79 | Safety of elective abdominal and vascular surgery during the COVID-19 pandemic: a retrospective single-center study. <i>European Journal of Medical Research</i> , 2021, 26, 112. | 0.9 | 6 |
| 80 | The Effect of Day of the Week on Morbidity and Mortality From Colorectal and Pancreatic Surgery: An Analysis from the German StuDoQ Register. <i>Deutsches Arzteblatt International</i> , 2020, 117, 521-527. | 0.6 | 6 |
| 81 | Rendezvous technique for intraluminal vacuum therapy of anastomotic leakage of the jejunum. <i>Surgical Case Reports</i> , 2016, 2, 114. | 0.2 | 5 |
| 82 | Laparoscopic right-sided colon resection for colon cancer: has the control group so far been chosen correctly?. <i>World Journal of Surgical Oncology</i> , 2018, 16, 117. | 0.8 | 5 |
| 83 | Perioperative management of anticoagulant therapy. <i>Innovative Surgical Sciences</i> , 2019, 4, 144-151. | 0.4 | 5 |
| 84 | The local immune phenotype influences prognosis in patients with nodal-positive rectal cancer after neoadjuvant chemoradiation. <i>International Journal of Colorectal Disease</i> , 2020, 35, 365-370. | 1.0 | 5 |
| 85 | Changes in the management of acute appendicitis during the COVID-19 pandemic. <i>Langenbeck's Archives of Surgery</i> , 2021, 406, 503-504. | 0.8 | 5 |
| 86 | Prognostic impact of additive chemotherapy after curative resection of metachronous colorectal liver metastasis: a single-centre retrospective study. <i>BMC Cancer</i> , 2021, 21, 490. | 1.1 | 5 |
| 87 | Surgical Site Infection Following Single-Port Appendectomy: A Systematic Review of the Literature and Meta-Analysis. <i>Frontiers in Surgery</i> , 0, 9, . | 0.6 | 5 |
| 88 | The incidence of incisional hernia after aortic aneurysm is not higher than after benign colorectal interventions. <i>Gefasschirurgie</i> , 2018, 23, 23-31. | 0.7 | 4 |
| 89 | Suppurative thyroiditis caused by ingested fish bone in the thyroid gland: a case report on its diagnostics and surgical therapy. <i>BMC Surgery</i> , 2022, 22, 92. | 0.6 | 4 |
| 90 | Cancer diagnosis is one quarter lower than the expected cancer incidence in the first year of COVID-19 pandemic in Germany: A retrospective register-based cohort study. <i>Cancer Communications</i> , 2022, 42, 673-676. | 3.7 | 4 |

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|-----|---|------|-----------|
| 91 | Early development of a celiac trunk aneurysm during anti-vascular endothelial growth factor receptor therapy. <i>Surgery</i> , 2014, 155, 729-730. | 1.0 | 3 |
| 92 | Differences in morbidity and mortality between unilateral adrenalectomy for adrenal Cushing's syndrome and bilateral adrenalectomy for therapy refractory extra-adrenal Cushing's syndrome. <i>Langenbeck's Archives of Surgery</i> , 2022, 407, 2481-2488. | 0.8 | 3 |
| 93 | The novel <i>KIT</i> exon 11 germline mutation <i>K558N</i> is associated with gastrointestinal stromal tumor, mastocytosis, and seminoma development. <i>Genes Chromosomes and Cancer</i> , 2021, 60, 827-832. | 1.5 | 2 |
| 94 | Quality versus quantity in surgical oncology – what is the future?. <i>Nature Reviews Clinical Oncology</i> , 2022, 19, 356-356. | 12.5 | 2 |
| 95 | Anemia and B Symptoms as Leading Symptoms for a Hepatic Inflammatory Pseudotumor – 2 Case Reports. <i>Klinische Padiatrie</i> , 2015, 227, 363-365. | 0.2 | 1 |
| 96 | Suprapubic bladder drainage and epidural catheters following abdominal surgery – A risk for urinary tract infections?. <i>PLoS ONE</i> , 2019, 14, e0209825. | 1.1 | 1 |
| 97 | Comparison of conventional access routes for right hemicolectomy in colon cancer – data from the DGAV StuDoQ registry. <i>International Journal of Colorectal Disease</i> , 2019, 34, 161-167. | 1.0 | 1 |
| 98 | Author response to: Comment on: Abdominal fluid samples (negative for SARS-CoV-2) from a critically unwell patient with respiratory COVID-19. <i>British Journal of Surgery</i> , 2020, 107, e624-e624. | 0.1 | 1 |
| 99 | Expression of the Chemokine Receptor CCR7 in the Normal Adrenal Gland and Adrenal Tumors and Its Correlation with Clinical Outcome in Adrenocortical Carcinoma. <i>Cancers</i> , 2021, 13, 5693. | 1.7 | 1 |
| 100 | Bowl Obstruction Due to an Incomplete Obliterated Omphalomesenteric Duct. <i>Klinische Padiatrie</i> , 2014, 226, 80-81. | 0.2 | 0 |
| 101 | Impact of extended lymphadenectomy on morbidity and regional recurrence-free survival in melanoma patients. <i>Journal of Dermatological Treatment</i> , 2018, 29, 515-521. | 1.1 | 0 |
| 102 | EP-1490: Radiotherapy for the primary tumor in metastatic rectal cancer. <i>Radiotherapy and Oncology</i> , 2018, 127, S808. | 0.3 | 0 |
| 103 | Bauchwandhernie. , 2017, , 235-244. | | 0 |
| 104 | Laparoskopische Nabel- und Narbenhernienreparation (IPOM). , 2017, , 445-455. | | 0 |
| 105 | Abstract B07: Loss of APC induces a dependence on elevated eIF2B5 function in colorectal cancer. , 2017, , . | | 0 |
| 106 | In Reply. <i>Deutsches &#x0308;rzteblatt International</i> , 2020, 117, 363. | 0.6 | 0 |
| 107 | Correspondence. <i>Deutsches &#x0308;rzteblatt International</i> , 2022, 119, 68. | 0.6 | 0 |
| 108 | Population-Based Analysis of Sex-Dependent Risk Factors for Mortality in Thoracic Surgery for Lung Cancer. <i>Respiration</i> , 2022, 101, 624-631. | 1.2 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Reply to A. Saraswathula et al and Z.V. Fong et al. Journal of Clinical Oncology, 0, , . | 0.8 | 0 |
| 110 | <scp>RNA</scp> polymerase I inhibition induces terminal differentiation, growth arrest, and vulnerability to senolytics in colorectal cancer cells. Molecular Oncology, 2022, 16, 2788-2809. | 2.1 | 0 |