

Armin Wiegeling

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

2,440
citations

218677

26
h-index

276875

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.	2.4	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.	2.4	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.	6.9	92
4	MYC Recruits SPT5 to RNA Polymerase II to Promote Processive Transcription Elongation. Molecular Cell, 2019, 74, 674-687.e11.	9.7	89
5	Surgery in times of COVID-19â€”recommendations for hospital and patient management. Langenbeck's Archives of Surgery, 2020, 405, 359-364.	1.9	88
6	Targeting Translation Initiation Bypasses Signaling Crosstalk Mechanisms That Maintain High MYC Levels in Colorectal Cancer. Cancer Discovery, 2015, 5, 768-781.	9.4	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.	2.0	78
8	Mortality and Complications Following Visceral Surgery. Deutsches Ärztblatt International, 2019, 116, 739-746.	0.9	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.	10.3	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.	12.1	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.	2.7	54
12	The Treatment of Incisional Hernia. Deutsches Ärztblatt International, 2018, 115, 31-37.	0.9	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.	1.9	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.	1.7	42
15	Targeting bromodomain-containing protein 4 (BRD4) inhibits MYC expression in colorectal cancer cells. Neoplasia, 2019, 21, 1110-1120.	5.3	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.	0.6	39
17	Interference with ERK-dimerization at the nucleocytosolic interface targets pathological ERK1/2 signaling without cardiotoxic side-effects. Nature Communications, 2020, 11, 1733.	12.8	38
18	Nationwide inâ€hospital mortality following colonic cancer resection according to hospital volume in Germany. BJS Open, 2019, 3, 672-677.	1.7	37

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19	CIP2A Influences Survival in Colon Cancer and Is Critical for Maintaining Myc Expression. PLoS ONE, 2013, 8, e75292.	2.5	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.	1.0	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.	2.0	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.	5.3	33
23	Targeting Protein Synthesis in Colorectal Cancer. Cancers, 2020, 12, 1298.	3.7	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.	2.6	30
25	The impact of pyrvinium pamoate on colon cancer cell viability. International Journal of Colorectal Disease, 2014, 29, 1189-1198.	2.2	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.	2.2	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.	0.3	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.	3.7	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.	5.3	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.	2.0	21
32	Establishing Pure Cancer Organoid Cultures: Identification, Selection and Verification of Cancer Phenotypes and Genotypes. Journal of Molecular Biology, 2019, 431, 2884-2893.	4.2	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.	1.5	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.	1.6	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.	1.6	20
36	E7080 (Lenvatinib), a Multi-Targeted Tyrosine Kinase Inhibitor, Demonstrates Antitumor Activities Against Colorectal Cancer Xenografts. Neoplasia, 2014, 16, 972-981.	5.3	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.	2.7	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.	2.0	19
39	Effects of anastomotic technique on early postoperative outcome in open right-sided hemicolectomy. <i>BJS Open</i> , 2019, 3, 203-209.	1.7	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.	2.6	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.	2.2	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.	3.7	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.	4.7	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.	0.9	15
45	The impact of pulmonary metastasectomy in patients with previously resected colorectal cancer liver metastases. <i>PLoS ONE</i> , 2017, 12, e0173933.	2.5	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.	2.2	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.	2.0	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.	1.0	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.	2.5	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.	2.8	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.	2.5	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.	2.2	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.	3.5	12
54	Adrenocortical Carcinoma in Childhood: A Systematic Review. <i>Cancers</i> , 2021, 13, 5266.	3.7	12

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55	TKTL1 expression in human malign and benign cell lines. BMC Cancer, 2015, 15, 2.	2.6	11
56	Toxic drug-induced liver failure during therapy of rheumatoid arthritis with tocilizumab subcutaneously: a case report. Rheumatology, 2017, 56, 1628-1629.	1.9	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.	2.0	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.	2.7	11
59	Laparoscopic appendectomy versus antibiotic treatment for acute appendicitis—a systematic review. International Journal of Colorectal Disease, 2021, 36, 2283-2286.	2.2	11
60	Excess Body Weight and Abdominal Hernia. Visceral Medicine, 2021, 37, 246-253.	1.3	11
61	Organoid Models for Cancer Research—From Bed to Bench Side and Back. Cancers, 2021, 13, 4812.	3.7	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, , .	2.8	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.	2.0	10
64	Desmoplastic Small Round Cell Tumors: A review with focus on clinical management and therapeutic options. Cancer Treatment Reviews, 2021, 93, 102140.	7.7	10
65	Impact of Lymphadenectomy on the Oncologic Outcome of Patients with Adrenocortical Carcinoma—a Systematic Review and Meta-Analysis. Cancers, 2022, 14, 291.	3.7	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.	2.2	9
67	Validation of MTL30 as a quality indicator for colorectal surgery. PLoS ONE, 2020, 15, e0238473.	2.5	9
68	Lenvatinib halts aortic aneurysm growth by restoring smooth muscle cell contractility. JCI Insight, 2021, 6, .	5.0	9
69	Robotic hernia repair—All. English version. Chirurg, 2021, 92, 28-39.	1.8	9
70	Safety of anastomoses in colorectal cancer surgery in octogenarians: a prospective cohort study with propensity score matching. BJS Open, 2021, 5, .	1.7	8
71	Original article: role of adjuvant chemotherapy in a perioperative chemotherapy regimen for gastric cancer. BMC Cancer, 2016, 16, 650.	2.6	7
72	Morbidity and oncologic outcome after saphenous vein-sparing inguinal lymphadenectomy in melanoma patients. World Journal of Surgical Oncology, 2017, 15, 99.	1.9	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.	0.3	7
74	Robotic hernia surgery. English version. <i>Chirurg</i> , 2021, 92, 1-13.	1.8	7
75	Robotic hernia repair. English version. <i>Chirurg</i> , 2021, 92, 15-26.	1.8	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.	2.0	6
77	CIP2A regulates MYC translation (via its 5'UTR) in colorectal cancer. <i>International Journal of Colorectal Disease</i> , 2021, 36, 911-918.	2.2	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.	1.9	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.	2.2	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.	0.9	6
81	Rendezvous technique for intraluminal vacuum therapy of anastomotic leakage of the jejunum. <i>Surgical Case Reports</i> , 2016, 2, 114.	0.6	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.	1.9	5
83	Perioperative management of anticoagulant therapy. <i>Innovative Surgical Sciences</i> , 2019, 4, 144-151.	0.7	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.	2.2	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.	1.9	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.	2.6	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, .	1.4	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.	1.3	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.	9.2	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.	1.9	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.	1.9	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.	2.8	2
94	Quality versus quantity in surgical oncology – what is the future?. <i>Nature Reviews Clinical Oncology</i> , 2022, 19, 356-356.	27.6	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.	0.6	1
96	Suprapubic bladder drainage and epidural catheters following abdominal surgery – A risk for urinary tract infections?. <i>PLoS ONE</i> , 2019, 14, e0209825.	2.5	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.	2.2	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.	0.3	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.	3.7	1
100	Bowel Obstruction Due to an Incomplete Obliterated Omphalomesenteric Duct. <i>Klinische Padiatrie</i> , 2014, 226, 80-81.	0.6	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.	2.2	0
102	EP-1490: Radiotherapy for the primary tumor in metastatic rectal cancer. <i>Radiotherapy and Oncology</i> , 2018, 127, S808.	0.6	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;rztblatt International</i> , 2020, 117, 363.	0.9	0
107	Correspondence. <i>Deutsches &#x0308;rztblatt International</i> , 2022, 119, 68.	0.9	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.	2.6	0

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109	Reply to A. Saraswathula et al and Z.V. Fong et al. Journal of Clinical Oncology, 0, , .	1.6	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.	4.6	0