

Beate Rau

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

80
papers

1,499
citations

21
h-index

37
g-index

95
ext. papers

1,881
ext. citations

4.1
avg. IF

4.18
L-index

#	Paper	IF	Citations
80	Description and characterization of the novel hyperthermia- and thermoablation-system MFH 300F for clinical magnetic fluid hyperthermia. <i>Medical Physics</i> , 2004 , 31, 1444-51	4.4	185
79	Dynamic expression profile of p21WAF1/CIP1 and Ki-67 predicts survival in rectal carcinoma treated with preoperative radiochemotherapy. <i>Journal of Clinical Oncology</i> , 2003 , 21, 3391-401	2.2	119
78	Preoperative hyperthermia combined with radiochemotherapy in locally advanced rectal cancer: a phase II clinical trial. <i>Annals of Surgery</i> , 1998 , 227, 380-9	7.8	102
77	Response prediction by FDG-PET after neoadjuvant radiochemotherapy and combined regional hyperthermia of rectal cancer: correlation with endorectal ultrasound and histopathology. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2004 , 31, 811-9	8.8	97
76	Noninvasive magnetic resonance thermography of recurrent rectal carcinoma in a 1.5 Tesla hybrid system. <i>Cancer Research</i> , 2005 , 65, 5872-80	10.1	72
75	Rationale for using invasive thermometry for regional hyperthermia of pelvic tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 1998 , 41, 1129-37	4	64
74	Restaging of locally advanced carcinoma of the rectum with MR imaging after preoperative radio-chemotherapy plus regional hyperthermia. <i>Strahlentherapie Und Onkologie</i> , 2002 , 178, 386-92	4.3	57
73	Palliation of malignant rectal obstruction with self-expanding metal stents. <i>Surgery</i> , 2005 , 137, 42-7	3.6	55
72	Quality of life in patients after cytoreductive surgery and hyperthermic intraperitoneal chemotherapy: is it worth the risk?. <i>Annals of Surgical Oncology</i> , 2013 , 20, 226-32	3.1	53
71	Peritoneal metastasis in gastric cancer: results from the German database. <i>Gastric Cancer</i> , 2020 , 23, 11-22	2.6	43
70	Fertility Preservation for Patients with Malignant Disease. Guideline of the DGGG, DGU and DGRM (S2k-Level, AWMF Registry No. 015/082, November 2017) - Recommendations and Statements for Girls and Women. <i>Geburtshilfe Und Frauenheilkunde</i> , 2018 , 78, 567-584	2	36
69	Appendiceal tumours and pseudomyxoma peritonei: Literature review with PSOGI/EURACAN clinical practice guidelines for diagnosis and treatment. <i>European Journal of Surgical Oncology</i> , 2021 , 47, 11-35	3.6	35
68	Guidelines for Perioperative Care in Cytoreductive Surgery (CRS) with or without hyperthermic IntraPERitoneal chemotherapy (HIPEC): Enhanced recovery after surgery (ERAS [®]) Society Recommendations - Part I: Preoperative and intraoperative management. <i>European Journal of Surgical Oncology</i> , 2020 , 46, 2311-2323	3.6	33
67	Guidelines for Perioperative Care in Cytoreductive Surgery (CRS) with or without hyperthermic IntraPERitoneal chemotherapy (HIPEC): Enhanced Recovery After Surgery (ERAS [®]) Society Recommendations - Part II: Postoperative management and special considerations. <i>European Journal of Surgical Oncology</i> , 2020 , 46, 2311-2323	3.6	28
66	Perioperative Systemic Chemotherapy, Cytoreductive Surgery, and Hyperthermic Intraperitoneal Chemotherapy in Patients With Colorectal Peritoneal Metastasis: Results of the Prospective Multicenter Phase 2 COMBATAC Trial. <i>Clinical Colorectal Cancer</i> , 2018 , 17, 285-296	3.8	27
65	Regional hyperthermia for rectal cancer. <i>Lancet, The</i> , 2000 , 356, 771-2	4.0	27
64	Peritoneal mesothelioma: PSOGI/EURACAN clinical practice guidelines for diagnosis, treatment and follow-up. <i>European Journal of Surgical Oncology</i> , 2021 , 47, 36-59	3.6	24

63	Is there additional information from laparoscopic ultrasound in tumor staging?. <i>Digestive Surgery</i> , 2002 , 19, 479-83	2.5	23
62	Morbidity and Mortality Following Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy: Data from the DGAV StuDoQ Registry with 2149 Consecutive Patients. <i>Annals of Surgical Oncology</i> , 2019 , 26, 148-154	3.1	23
61	Gender-Specific Differences in Surgical Site Infections: An Analysis of 438,050 Surgical Procedures from the German National Nosocomial Infections Surveillance System. <i>Viszeralmedizin</i> , 2014 , 30, 114-7		22
60	The efficacy of treatment options for patients with gastric cancer and peritoneal metastasis. <i>Gastric Cancer</i> , 2019 , 22, 1226-1237	7.6	21
59	Genetic dissection of apoptosis and cell cycle control in response of colorectal cancer treated with preoperative radiochemotherapy. <i>BMC Cancer</i> , 2006 , 6, 124	4.8	20
58	PIPAC-OV3: A multicenter, open-label, randomized, two-arm phase III trial of the effect on progression-free survival of cisplatin and doxorubicin as Pressurized Intra-Peritoneal Aerosol Chemotherapy (PIPAC) vs. chemotherapy alone in patients with platinum-resistant recurrent epithelial ovarian, fallopian tube, or primary peritoneal cancer. <i>Journal of Peritoneum</i> , 2018 , 3, 20180111	2	17
57	Discordance of COVID-19 guidelines for patients with cancer: A systematic review. <i>Journal of Surgical Oncology</i> , 2020 , 122, 579	2.8	16
56	Hyperthermia for treatment of rectal cancer: evaluation for induction of multidrug resistance gene (mdr1) expression. <i>International Journal of Cancer</i> , 1999 , 80, 5-12	7.5	15
55	Pressurized intraperitoneal aerosol chemotherapy (PIPAC) in combination with standard of care chemotherapy in primarily untreated chemo naïve upper gi-adenocarcinomas with peritoneal seeding - a phase II/III trial of the AIO/CAOG/ACO. <i>Pleura and Peritoneum</i> , 2018 , 3, 20180113	2	13
54	Scanning E-field sensor device for online measurements in annular phased-array systems. <i>International Journal of Radiation Oncology Biology Physics</i> , 1999 , 43, 927-37	4	13
53	Gender comparison of clinical, histopathological, therapeutic and outcome factors in 185,967 colon cancer patients. <i>Langenbeck's Archives of Surgery</i> , 2020 , 405, 71-80	3.4	13
52	Current practice of pressurized intraperitoneal aerosol chemotherapy (PIPAC): Still standardized or on the verge of diversification?. <i>European Journal of Surgical Oncology</i> , 2021 , 47, 149-156	3.6	13
51	Registries on peritoneal surface malignancies throughout the world, their use and their options. <i>International Journal of Hyperthermia</i> , 2017 , 33, 528-533	3.7	12
50	The role of Pressurized IntraPeritoneal Aerosol Chemotherapy in the management of gastric cancer: A systematic review. <i>Pleura and Peritoneum</i> , 2019 , 4, 20180127	2	12
49	Advantages of laparoscopic palliative surgery in upper GI tract cancer. <i>Cancer Treatment Reviews</i> , 1996 , 22 Suppl A, 109-11	14.4	10
48	HER2 Expression, Test Deviations, and Their Impact on Survival in Metastatic Gastric Cancer: Results From the Prospective Multicenter VARIANZ Study. <i>Journal of Clinical Oncology</i> , 2021 , 39, 1468-1478	2.2	10
47	Predictive value of peritoneal cancer index for survival in patients with mucinous peritoneal malignancies treated with cytoreductive surgery and hyperthermic intraperitoneal chemotherapy: a single centre experience. <i>International Journal of Hyperthermia</i> , 2018 , 34, 512-517	3.7	9
46	Can hyperthermic intraperitoneal chemotherapy efficiency be improved by blocking the DNA repair factor COP9 signalosome?. <i>International Journal of Colorectal Disease</i> , 2014 , 29, 673-80	3	9

45	Hyperthermic intraperitoneal chemotherapy in patients with peritoneal carcinosis. <i>Journal of Clinical Oncology</i> , 2004 , 22, 1527-9; author reply 1529	2.2	8
44	Development and evaluation of a three-dimensional hyperthermia applicator with Water-COated Antennas (WACOA). <i>Medical Physics</i> , 2003 , 30, 2052-64	4.4	8
43	Diagnostic laparoscopy: indications and benefits. <i>Langenbeck's Archives of Surgery</i> , 2005 , 390, 187-96	3.4	8
42	Peritoneal metastases of rare carcinomas treated with cytoreductive surgery and HIPEC - A single center case series. <i>Annals of Medicine and Surgery</i> , 2017 , 22, 7-11	2	7
41	Pressurized intraperitoneal aerosol chemotherapy and its effect on gastric-cancer-derived peritoneal metastases: an overview. <i>Clinical and Experimental Metastasis</i> , 2019 , 36, 1-14	4.7	6
40	Patient Selection for Hyperthermic Intraperitoneal Chemotherapy in Patients With Colorectal Cancer: Consensus on Decision Making Among International Experts. <i>Clinical Colorectal Cancer</i> , 2020 , 19, 277-284	3.8	6
39	The impact of PRODIGE 7 on the current worldwide practice of CRS-HIPEC for colorectal peritoneal metastases: A web-based survey and 2021 statement by Peritoneal Surface Oncology Group International (PSOGI). <i>European Journal of Surgical Oncology</i> , 2021 , 47, 2888-2892	3.6	6
38	Long term survival in patients with peritoneal metastasised gastric cancer treated with cytoreductive surgery and HIPEC: A multi-institutional cohort from PSOGI. <i>European Journal of Surgical Oncology</i> , 2021 , 47, 172-180	3.6	5
37	Hyperthermic Intraperitoneal Chemotherapy - Fading Perspective in the Light of Modern Systemic Chemotherapy?. <i>Visceral Medicine</i> , 2018 , 34, 412-416	2.4	5
36	Safety of extraperitoneal rectal resection and ileo- or colorectal anastomosis without loop ileostomy in patients with peritoneal metastases treated with CRS and HIPEC. <i>Colorectal Disease</i> , 2018 , 20, O61	2.1	4
35	Two patients with rare mixed adenoneuroendocrine carcinomas of the rectum. <i>SAGE Open Medical Case Reports</i> , 2018 , 6, 2050313X18758816	0.7	4
34	Gender Mainstreaming and Transplant Surgery. <i>Visceral Medicine</i> , 2016 , 32, 286-289	2.4	4
33	Gender-Specific Aspects in Gastrointestinal Medicine and Surgery. <i>Viszeralmedizin</i> , 2014 , 30, 79-80		3
32	Current practice and perceptions of safety protocols for the use of intraperitoneal chemotherapy in the operating room: results of the IP-OR international survey. <i>Pleura and Peritoneum</i> , 2021 , 6, 39-45	2	3
31	Oligometastatic Disease in the Peritoneal Space with Gastrointestinal Cancer. <i>Visceral Medicine</i> , 2017 , 33, 42-46	2.4	2
30	Psycho-oncological distress in patients with peritoneal surface malignancies treated with cytoreductive surgery and hyperthermic intraperitoneal chemotherapy. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2019 , 51, 315-324	0.9	2
29	Adjuvant chemotherapy with folinic acid and 5-fluorouracil in patients with locally advanced rectal cancer previously treated by preoperative radiochemotherapy and curative tumor resection. <i>International Journal of Colorectal Disease</i> , 2006 , 21, 582-9	3	2
28	Preventive HIPEC in combination with perioperative FLOT versus FLOT alone for resectable diffuse type gastric and gastroesophageal junction type II/III adenocarcinoma - the phase III "PREVENT"- (FLOT9) trial of the AIO /CAOGI /ACO. <i>BMC Cancer</i> , 2021 , 21, 1158	4.8	2

27	Synergy Effect of Combined Near and Mid-Infrared Fibre Spectroscopy for Diagnostics of Abdominal Cancer. <i>Sensors</i> , 2020 , 20,	3.8	2
26	Systemic Chemotherapy Including Ramucirumab in Combination With Pressurized Intra-Peritoneal Aerosol Chemotherapy Is a Safe Treatment Option for Peritoneal Metastasis of Gastric Cancer. <i>Frontiers in Oncology</i> , 2020 , 10, 610572	5.3	2
25	Inguinal Lymph Node Metastasis of a Primary Serous Papillary Carcinoma of the Peritoneum One Year after CRS and HIPEC. <i>Visceral Medicine</i> , 2018 , 34, 307-309	2.4	1
24	Gender-Specific Aspects in Gastrointestinal Medicine and Surgery. <i>Viszeralmedizin</i> , 2014 , 30, 133-5		1
23	Das pT4-Rektumkarzinom. <i>Acta Chirurgica Austriaca</i> , 1999 , 31, 13-16		1
22	The ESSO core curriculum committee update on surgical oncology. <i>European Journal of Surgical Oncology</i> , 2021 , 47, e1-e30	3.6	1
21	Decision-Making Analysis for Hyperthermic Intraperitoneal Chemotherapy in Ovarian Cancer: A Survey by the Executive Committee of the Peritoneal Surface Oncology Group International (PSOGI). <i>Oncology</i> , 2021 , 99, 41-48	3.6	1
20	Chirurgisch-onkologische Therapie primärer und sekundärer peritonealer Neoplasien. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2018 , 50, 299-312	0.9	1
19	Sodium Thiosulfate Reduces Acute Kidney Injury in Patients Undergoing Cytoreductive Surgery Plus Hyperthermic Intraperitoneal Chemotherapy with Cisplatin: A Single-Center Observational Study. <i>Annals of Surgical Oncology</i> , 2021 , 1	3.1	1
18	S100A4 Is a Strong Negative Prognostic Marker and Potential Therapeutic Target in Adenocarcinoma of the Stomach and Esophagus.. <i>Cells</i> , 2022 , 11,	7.9	1
17	Peritoneal metastasis of colorectal cancer (pmCRC): identification of predictive molecular signatures by a novel preclinical platform of matching pmCRC PDX/PD3D models. <i>Molecular Cancer</i> , 2021 , 20, 129	42.1	0
16	Lack of Oncological Benefit from Bursectomy in Radical Gastrectomy: A Systematic Review.. <i>Visceral Medicine</i> , 2021 , 37, 511-520	2.4	0
15	Perceived Relevance of Gender-Specific Differences in Gastrointestinal Medicine and Surgery: Results of a Survey. <i>Viszeralmedizin</i> , 2014 , 30, 108-13		
14	Indikationen und Resultate der Peritonektomie bei nichtkolorektaler Peritonealkarzinose. <i>Viszeralmedizin</i> , 2013 , 29, 7-7		
13	Diagnostische Laparoskopie bei malignen Tumoren. <i>Visceral Medicine</i> , 2005 , 21, 14-20	2.4	
12	Effektivität der praeoperativen Radio-Chemo-Thermo-Therapie in Abhängigkeit der Thermometrie beim lokal fortgeschrittenen Rektumkarzinom 1998 , 615-619		
11	Behandlung des peritoneal metastasierten Magenkarzinoms. <i>Onkologe</i> , 2020 , 26, 945-950	0.1	
10	Die Rolle von zytoreduktiver Chirurgie und HIPEC beim Kolonkarzinom 2021 , 451-464		

- 9 Indication of CRS and HIPEC in Gastric Cancer-Related Peritoneal Metastasis **2021**, 189-201
- 8 From Operating Table to Laboratory Bench: The Path Toward Metastasis Research from the Clinical Setting. *Methods in Molecular Biology*, **2021**, 2294, 325-333 1.4
- 7 Quality of Life Issues in Patients Undergoing Cytoreductive Surgery and HIPEC **2018**, 461-467
- 6 ASO Visual Abstract: Sodium Thiosulfate Reduces Acute Kidney Injury in Patients Undergoing Cytoreductive Surgery Plus Hyperthermic Intraperitoneal Chemotherapy with Cisplatin-A Single Center Observational Study. *Annals of Surgical Oncology*, **2021**, 28, 698-699 3.1
- 5 The Role of CRS and HIPEC in the Management of Diffuse Malignant Peritoneal Mesothelioma (DMPM) **2021**, 175-187
- 4 Indication of Hyperthermic Intraperitoneal Chemotherapy in Gastric Cancer (Gastripec, Gastrichip). *Visceral Medicine*, **2022**, 38, 81-89 2.4
- 3 Is PIPAC a Treatment Option in Upper and Lower Gastrointestinal Cancer with Peritoneal Metastasis?. *Visceral Medicine*, **2022**, 38, 90-98 2.4
- 2 Continuing Progress in the Interdisciplinary Management of Peritoneal Metastases. *Visceral Medicine*, **2022**, 38, 120-125 2.4
- 1 FIRE-9 - PORT / AIO-KRK-0418: a prospective, randomized, open, multicenter Phase III trial to investigate the efficacy of adjuvant/additive chemotherapy in patients with definitely-treated metastatic colorectal cancer.. *BMC Cancer*, **2022**, 22, 359 4.8