

Beate Rau

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

2,314
citations

257450

24
h-index

233421

45
g-index

95
all docs

95
docs citations

95
times ranked

2214
citing authors

#	ARTICLE	IF	CITATIONS
1	Description and characterization of the novel hyperthermia- and thermoablation-system MFH [®] 300F for clinical magnetic fluid hyperthermia. <i>Medical Physics</i> , 2004, 31, 1444-1451.	3.0	224
2	Preoperative Hyperthermia Combined with Radiochemotherapy in Locally Advanced Rectal Cancer. <i>Annals of Surgery</i> , 1998, 227, 380-389.	4.2	137
3	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, 3391-3401.	1.6	128
4	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.	1.0	120
5	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, 811-819.	6.4	105
6	Guidelines for Perioperative Care in Cytoreductive Surgery (CRS) with or without hyperthermic IntraPERitoneal chemotherapy (HIPEC): Enhanced recovery after surgery (ERAS [®]) Society Recommendations â€” Part I: Preoperative and intraoperative management. <i>European Journal of Surgical Oncology</i> , 2020, 46, 2292-2310.	1.0	98
7	Noninvasive Magnetic Resonance Thermography of Recurrent Rectal Carcinoma in a 1.5 Tesla Hybrid System. <i>Cancer Research</i> , 2005, 65, 5872-5880.	0.9	88
8	Guidelines for Perioperative Care in Cytoreductive Surgery (CRS) with or without hyperthermic IntraPERitoneal chemotherapy (HIPEC): Enhanced Recovery After Surgery (ERAS [®]) Society Recommendations â€” Part II: Postoperative management and special considerations. <i>European Journal of Surgical Oncology</i> , 2020, 46, 2311-2323.	1.0	79
9	Peritoneal metastasis in gastric cancer: results from the German database. <i>Gastric Cancer</i> , 2020, 23, 11-22.	5.3	77
10	Rationale for using invasive thermometry for regional hyperthermia of pelvic tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 1998, 41, 1129-1137.	0.8	75
11	Palliation of malignant rectal obstruction with self-expanding metal stents. <i>Surgery</i> , 2005, 137, 42-47.	1.9	67
12	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, 386-392.	2.0	66
13	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, 226-232.	1.5	63
14	Peritoneal mesothelioma: PSOGI/EURACAN clinical practice guidelines for diagnosis, treatment and follow-up. <i>European Journal of Surgical Oncology</i> , 2021, 47, 36-59.	1.0	57
15	Fertility Preservation for Patients with Malignant Disease. Guideline of the DGCG, DGU and DGRM (S2k-Level, AWMF Registry No.â€™015/082, November 2017) â€” Recommendations and Statements for Girls and Women. <i>Geburtshilfe Und Frauenheilkunde</i> , 2018, 78, 567-584.	1.8	56
16	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.	1.6	54
17	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.	1.9	43
18	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.	1.5	42

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19	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, 114-117.	0.0	37
20	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.	2.3	37
21	The efficacy of treatment options for patients with gastric cancer and peritoneal metastasis. <i>Gastric Cancer</i> , 2019, 22, 1226-1237.	5.3	36
22	Regional hyperthermia for rectal cancer. <i>Lancet</i> , The, 2000, 356, 771-772.	13.7	29
23	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>Pleura and Peritoneum</i> . 2018, 3, 20180114.	1.2	27
24	Discordance of COVID-19 guidelines for patients with cancer: A systematic review. <i>Journal of Surgical Oncology</i> , 2020, 122, 579-593.	1.7	26
25	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.	1.0	26
26	The role of Pressurized IntraPeritoneal Aerosol Chemotherapy in the management of gastric cancer: A systematic review. <i>Pleura and Peritoneum</i> , 2019, 4, 20180127.	1.2	25
27	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.	1.0	25
28	Is There Additional Information from Laparoscopic Ultrasound in Tumor Staging?. <i>Digestive Surgery</i> , 2002, 19, 479-483.	1.2	24
29	Genetic dissection of apoptosis and cell cycle control in response of colorectal cancer treated with preoperative radiochemotherapy. <i>BMC Cancer</i> , 2006, 6, 124.	2.6	24
30	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.	1.0	24
31	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.	2.6	23
32	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/CAOGI/ACO. <i>Pleura and Peritoneum</i> , 2018, 3, 20180113.	1.2	21
33	Cytoreductive Surgery (CRS) and Hyperthermic IntraPeritoneal Chemotherapy (HIPEC): don't throw the baby out with the bathwater. <i>Pleura and Peritoneum</i> , 2018, 3, 20180131.	1.2	20
34	Hyperthermia for treatment of rectal cancer: Evaluation for induction of multidrug resistance gene (mdr1) expression. , 1999, 80, 5-12.		18
35	Scanning E-field sensor device for online measurements in annular phased-array systems. <i>International Journal of Radiation Oncology Biology Physics</i> , 1999, 43, 927-937.	0.8	15
36	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.	3.3	15

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37	Registries on peritoneal surface malignancies throughout the world, their use and their options. <i>International Journal of Hyperthermia</i> , 2017, 33, 528-533.	2.5	13
38	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.	2.3	12
39	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.	1.5	12
40	Advantages of laparoscopic palliative surgery in upper GI tract cancer. <i>Cancer Treatment Reviews</i> , 1996, 22, 109-111.	7.7	11
41	Diagnostic laparoscopy: indications and benefits. <i>Langenbeck's Archives of Surgery</i> , 2005, 390, 187-196.	1.9	11
42	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.	2.5	11
43	HIPEC in Peritoneal Metastasis of Gastric Origin: A Systematic Review of Regimens and Techniques. <i>Journal of Clinical Medicine</i> , 2022, 11, 1456.	2.4	11
44	Development and evaluation of a three-dimensional hyperthermia applicator with water-coated antennas (WACOA). <i>Medical Physics</i> , 2003, 30, 2052-2064.	3.0	10
45	Hyperthermic Intraperitoneal Chemotherapy in Patients With Peritoneal Carcinosis. <i>Journal of Clinical Oncology</i> , 2004, 22, 1527-1529.	1.6	10
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, 673-680.	2.2	10
47	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.	1.1	9
48	Gender Mainstreaming and Transplant Surgery. <i>Visceral Medicine</i> , 2016, 32, 286-289.	1.3	8
49	Hyperthermic Intraperitoneal Chemotherapy - Fading Perspective in the Light of Modern Systemic Chemotherapy?. <i>Visceral Medicine</i> , 2018, 34, 412-416.	1.3	8
50	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.	1.9	7
51	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.	1.2	6
52	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.	2.8	6
53	The ESSO core curriculum committee update on surgical oncology. <i>European Journal of Surgical Oncology</i> , 2021, 47, e1-e30.	1.0	6
54	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.	19.2	6

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55	Safety of extraperitoneal rectal resection and ileorectal or colorectal anastomosis without loop ileostomy in patients with peritoneal metastases treated with cytoreductive surgery and hyperthermic intraperitoneal chemotherapy. <i>Colorectal Disease</i> , 2018, 20, O61.	1.4	5
56	Synergy Effect of Combined Near and Mid-Infrared Fibre Spectroscopy for Diagnostics of Abdominal Cancer. <i>Sensors</i> , 2020, 20, 6706.	3.8	5
57	Two patients with rare mixed adenoneuroendocrine carcinomas of the rectum. <i>SAGE Open Medical Case Reports</i> , 2018, 6, 2050313X1875881.	0.3	4
58	Indication of Hyperthermic Intraperitoneal Chemotherapy in Gastric Cancer (Gastripec, Gastrichip). <i>Visceral Medicine</i> , 2022, 38, 81-89.	1.3	4
59	S100A4 Is a Strong Negative Prognostic Marker and Potential Therapeutic Target in Adenocarcinoma of the Stomach and Esophagus. <i>Cells</i> , 2022, 11, 1056.	4.1	4
60	Inhibition of MACC1-Induced Metastasis in Esophageal and Gastric Adenocarcinomas. <i>Cancers</i> , 2022, 14, 1773.	3.7	4
61	Gender-Specific Aspects in Gastrointestinal Medicine and Surgery. <i>Viszeralmedizin</i> , 2014, 30, 79-80.	0.0	3
62	Oligometastatic Disease in the Peritoneal Space with Gastrointestinal Cancer. <i>Visceral Medicine</i> , 2017, 33, 42-46.	1.3	3
63	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.	0.7	3
64	The Characteristics of 206 Long-Term Survivors with Peritoneal Metastases from Colorectal Cancer Treated with Curative Intent Surgery: A Multi-Center Cohort from PSOGI. <i>Cancers</i> , 2021, 13, 2964.	3.7	3
65	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, 582-589.	2.2	2
66	Lack of Oncological Benefit from Bursectomy in Radical Gastrectomy: A Systematic Review. <i>Visceral Medicine</i> , 2021, 37, 511-520.	1.3	2
67	Indikationen und Resultate der Peritonektomie bei nichtkolorektaler Peritonealkarzinose. <i>Viszeralmedizin</i> , 2013, 29, 235-244.	0.0	1
68	Gender-Specific Aspects in Gastrointestinal Medicine and Surgery. <i>Viszeralmedizin</i> , 2014, 30, 133-135.	0.0	1
69	Oligometastases of Gastrointestinal Cancer Origin. <i>Visceral Medicine</i> , 2017, 33, 8-9.	1.3	1
70	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.	1.3	1
71	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. <i>BMC Cancer</i> , 2022, 22, 359.	2.6	1
72	Diagnostische Laparoskopie bei malignen Tumoren. <i>Visceral Medicine</i> , 2005, 21, 14-20.	1.3	0

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73	Perceived Relevance of Gender-Specific Differences in Gastrointestinal Medicine and Surgery: Results of a Survey. <i>Viszeralmedizin</i> , 2014, 30, 108-113.	0.0	0
74	Augmented Reality, Cyber-Physical Systems and Robotics: Nice to Have or a Program with Future?. <i>Visceral Medicine</i> , 2018, 34, 8-9.	1.3	0
75	Quality of Life Issues in Patients Undergoing Cytoreductive Surgery and HIPEC. , 2018, , 461-467.		0
76	Die Rolle von zytoreduktiver Chirurgie und HIPEC beim Kolonkarzinom. , 2021, , 451-464.		0
77	Indication of CRS and HIPEC in Gastric Cancer-Related Peritoneal Metastasis. , 2021, , 189-201.		0
78	From Operating Table to Laboratory Bench: The Path Toward Metastasis Research from the Clinical Setting. <i>Methods in Molecular Biology</i> , 2021, 2294, 325-333.	0.9	0
79	ASO Visual Abstract: Sodium Thiosulfate Reduces Acute Kidney Injury in Patients Undergoing Cytoreductive Surgery Plus Hyperthermic Intraperitoneal Chemotherapy with Cisplatinâ€”A Single Centerâ€”Observationalâ€”Study. <i>Annals of Surgical Oncology</i> , 2021, 28, 698-699.	1.5	0
80	The Role of CRS and HIPEC in the Management of Diffuse Malignant Peritoneal Mesothelioma (DMPM). , 2021, , 175-187.		0
81	EffektivitÃt der praeoperativen Radio-Chemo-Thermo-Therapie in AbhÃngigkeit der Thermometrie beim lokal fortgeschrittenen Rektumkarzinom. , 1998, , 615-619.		0
82	Is PIPAC a Treatment Option in Upper and Lower Gastrointestinal Cancer with Peritoneal Metastasis?. <i>Visceral Medicine</i> , 2022, 38, 90-98.	1.3	0
83	Continuing Progress in the Interdisciplinary Management of Peritoneal Metastases. <i>Visceral Medicine</i> , 2022, 38, 120-125.	1.3	0