

# 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  | Indication of Hyperthermic Intraperitoneal Chemotherapy in Gastric Cancer (Gastripec, Gastrichip). <i>Visceral Medicine</i> , 2022, 38, 81-89.   | 1.3 | 4         |
| 2  | 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         |
| 3  | Continuing Progress in the Interdisciplinary Management of Peritoneal Metastases. <i>Visceral Medicine</i> , 2022, 38, 120-125.  | 1.3 | 0         |
| 4  | 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         |
| 5  | Inhibition of MACC1-Induced Metastasis in Esophageal and Gastric Adenocarcinomas. <i>Cancers</i> , 2022, 14, 1773.   | 3.7 | 4         |
| 6  | 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        |
| 7  | 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         |
| 8  | 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        |
| 9  | 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       |
| 10 | 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        |
| 11 | 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        |
| 12 | 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         |
| 13 | Die Rolle von zytoreduktiver Chirurgie und HIPEC beim Kolonkarzinom. , 2021, , 451-464.  |     | 0         |
| 14 | Indication of CRS and HIPEC in Gastric Cancer-Related Peritoneal Metastasis. , 2021, , 189-201.  |     | 0         |
| 15 | 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         |
| 16 | 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         |
| 17 | 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        |
| 18 | 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        |

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|----|---|------|-----------|
| 19 | 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         |
| 20 | 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        |
| 21 | Lack of Oncological Benefit from Bursectomy in Radical Gastrectomy: A Systematic Review. <i>Visceral Medicine</i> , 2021, 37, 511-520.  | 1.3  | 2         |
| 22 | 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. <i>Annals of Surgical Oncology</i> , 2021, 28, 698-699.   | 1.5  | 0         |
| 23 | The Role of CRS and HIPEC in the Management of Diffuse Malignant Peritoneal Mesothelioma (DMPM). , 2021, , 175-187.   |      | 0         |
| 24 | The ESSO core curriculum committee update on surgical oncology. <i>European Journal of Surgical Oncology</i> , 2021, 47, e1-e30.  | 1.0  | 6         |
| 25 | 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         |
| 26 | 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        |
| 27 | Peritoneal metastasis in gastric cancer: results from the German database. <i>Gastric Cancer</i> , 2020, 23, 11-22.   | 5.3  | 77        |
| 28 | 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        |
| 29 | 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        |
| 30 | Synergy Effect of Combined Near and Mid-Infrared Fibre Spectroscopy for Diagnostics of Abdominal Cancer. <i>Sensors</i> , 2020, 20, 6706.   | 3.8  | 5         |
| 31 | 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. | 1.0  | 79        |
| 32 | 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, 2292-2310.           | 1.0  | 98        |
| 33 | 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         |
| 34 | 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        |
| 35 | 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         |
| 36 | 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        |

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|----|--|-----|-----------|
| 37 | The efficacy of treatment options for patients with gastric cancer and peritoneal metastasis. <i>Gastric Cancer</i> , 2019, 22, 1226-1237.   | 5.3 | 36        |
| 38 | 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        |
| 39 | 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        |
| 40 | 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         |
| 41 | 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         |
| 42 | Two patients with rare mixed adenoneuroendocrine carcinomas of the rectum. <i>SAGE Open Medical Case Reports</i> , 2018, 6, 2050313X1875881.   | 0.3 | 4         |
| 43 | 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         |
| 44 | 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        |
| 45 | 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        |
| 46 | 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        |
| 47 | Hyperthermic Intraperitoneal Chemotherapy - Fading Perspective in the Light of Modern Systemic Chemotherapy?. <i>Visceral Medicine</i> , 2018, 34, 412-416.  | 1.3 | 8         |
| 48 | Quality of Life Issues in Patients Undergoing Cytoreductive Surgery and HIPEC. , 2018, , 461-467.  |     | 0         |
| 49 | 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.   | 1.8 | 56        |
| 50 | 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        |
| 51 | 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        |
| 52 | Oligometastases of Gastrointestinal Cancer Origin. <i>Visceral Medicine</i> , 2017, 33, 8-9.   | 1.3 | 1         |
| 53 | Oligometastatic Disease in the Peritoneal Space with Gastrointestinal Cancer. <i>Visceral Medicine</i> , 2017, 33, 42-46.  | 1.3 | 3         |
| 54 | 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        |

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|----|---|-----|-----------|
| 55 | 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         |
| 56 | Gender Mainstreaming and Transplant Surgery. <i>Visceral Medicine</i> , 2016, 32, 286-289.  | 1.3 | 8         |
| 57 | Gender-Specific Aspects in Gastrointestinal Medicine and Surgery. <i>Viszeralmedizin</i> , 2014, 30, 79-80.   | 0.0 | 3         |
| 58 | 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         |
| 59 | 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        |
| 60 | 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        |
| 61 | Gender-Specific Aspects in Gastrointestinal Medicine and Surgery. <i>Viszeralmedizin</i> , 2014, 30, 133-135.   | 0.0 | 1         |
| 62 | 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        |
| 63 | Indikationen und Resultate der Peritonektomie bei nichtkolorektaler Peritonealkarzinose. <i>Viszeralmedizin</i> , 2013, 29, 235-244.  | 0.0 | 1         |
| 64 | 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         |
| 65 | 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        |
| 66 | Palliation of malignant rectal obstruction with self-expanding metal stents. <i>Surgery</i> , 2005, 137, 42-47.   | 1.9 | 67        |
| 67 | Diagnostic laparoscopy: indications and benefits. <i>Langenbeck's Archives of Surgery</i> , 2005, 390, 187-196.   | 1.9 | 11        |
| 68 | Diagnostische Laparoskopie bei malignen Tumoren. <i>Visceral Medicine</i> , 2005, 21, 14-20.  | 1.3 | 0         |
| 69 | 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        |
| 70 | Hyperthermic Intraperitoneal Chemotherapy in Patients With Peritoneal Carcinosis. <i>Journal of Clinical Oncology</i> , 2004, 22, 1527-1529.  | 1.6 | 10        |
| 71 | 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       |
| 72 | Description and characterization of the novel hyperthermia- and thermoablation-system MFHÂ®300F for clinical magnetic fluid hyperthermia. <i>Medical Physics</i> , 2004, 31, 1444-1451.   | 3.0 | 224       |

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|----|---|------|-----------|
| 73 | 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       |
| 74 | 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        |
| 75 | Is There Additional Information from Laparoscopic Ultrasound in Tumor Staging?. <i>Digestive Surgery</i> , 2002, 19, 479-483.   | 1.2  | 24        |
| 76 | 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        |
| 77 | Regional hyperthermia for rectal cancer. <i>Lancet, The</i> , 2000, 356, 771-772.   | 13.7 | 29        |
| 78 | 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        |
| 79 | Hyperthermia for treatment of rectal cancer: Evaluation for induction of multidrug resistance gene (mdr1) expression. , 1999, 80, 5-12.   |      | 18        |
| 80 | 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        |
| 81 | Preoperative Hyperthermia Combined with Radiochemotherapy in Locally Advanced Rectal Cancer. <i>Annals of Surgery</i> , 1998, 227, 380-389.   | 4.2  | 137       |
| 82 | EffektivitÄt der praeoperativen Radio-Chemo-Thermo-Therapie in AbhÄngigkeit der Thermometrie beim lokal fortgeschrittenen Rektumkarzinom. , 1998, , 615-619.  |      | 0         |
| 83 | Advantages of laparoscopic palliative surgery in upper GI tract cancer. <i>Cancer Treatment Reviews</i> , 1996, 22, 109-111.  | 7.7  | 11        |