

# Hans Prenen

## List of Publications by Year in descending order

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Version: 2024-02-01

100  
papers

8,260  
citations

109321

35  
h-index

48315

88  
g-index

100  
all docs

100  
docs citations

100  
times ranked

12836  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Gastric cancer. Lancet, The, 2016, 388, 2654-2664.   | 13.7 | 1,560     |
| 2  | Addition of Aflibercept to Fluorouracil, Leucovorin, and Irinotecan Improves Survival in a Phase III Randomized Trial in Patients With Metastatic Colorectal Cancer Previously Treated With an Oxaliplatin-Based Regimen. Journal of Clinical Oncology, 2012, 30, 3499-3506. | 1.6  | 1,214     |
| 3  | Randomized Trial of TAS-102 for Refractory Metastatic Colorectal Cancer. New England Journal of Medicine, 2015, 372, 1909-1919.  | 27.0 | 1,027     |
| 4  | MET is required for the recruitment of anti-tumoural neutrophils. Nature, 2015, 522, 349-353.  | 27.8 | 359       |
| 5  | Macrophage Metabolism Controls Tumor Blood Vessel Morphogenesis and Metastasis. Cell Metabolism, 2016, 24, 701-715.  | 16.2 | 352       |
| 6  | Entrectinib in ROS1 fusion-positive non-small-cell lung cancer: integrated analysis of three phase 1&2 trials. Lancet Oncology, The, 2020, 21, 261-270.  | 10.7 | 303       |
| 7  | PIK3CA Mutations Are Not a Major Determinant of Resistance to the Epidermal Growth Factor Receptor Inhibitor Cetuximab in Metastatic Colorectal Cancer. Clinical Cancer Research, 2009, 15, 3184-3188.   | 7.0  | 296       |
| 8  | The potential and controversy of targeting STAT family members in cancer. Seminars in Cancer Biology, 2020, 60, 41-56.   | 9.6  | 226       |
| 9  | The impact of frailty on postoperative outcomes in individuals aged 65 and over undergoing elective surgery for colorectal cancer: A systematic review. Journal of Geriatric Oncology, 2016, 7, 479-491.   | 1.0  | 164       |
| 10 | Common variants at the MHC locus and at chromosome 16q24.1 predispose to Barrett's esophagus. Nature Genetics, 2012, 44, 1131-1136.  | 21.4 | 162       |
| 11 | Podoplanin-Expressing Macrophages Promote Lymphangiogenesis and Lymphoinvasion in Breast Cancer. Cell Metabolism, 2019, 30, 917-936.e10.   | 16.2 | 150       |
| 12 | Sotorasib for previously treated colorectal cancers with KRASG12C mutation (CodeBreak100): a prespecified analysis of a single-arm, phase 2 trial. Lancet Oncology, The, 2022, 23, 115-124.  | 10.7 | 147       |
| 13 | Genome-wide association studies in oesophageal adenocarcinoma and Barrett's oesophagus: a large-scale meta-analysis. Lancet Oncology, The, 2016, 17, 1363-1373.  | 10.7 | 133       |
| 14 | Molecular genetics of colorectal cancer. Annals of Gastroenterology, 2014, 27, 9-14.   | 0.6  | 126       |
| 15 | Expression profiling of budding cells in colorectal cancer reveals an EMT-like phenotype and molecular subtype switching. British Journal of Cancer, 2017, 116, 58-65.   | 6.4  | 124       |
| 16 | Polymorphisms Near TBX5 and GDF7 Are Associated With Increased Risk for Barrett's Esophagus. Gastroenterology, 2015, 148, 367-378.   | 1.3  | 93        |
| 17 | The mTOR and PP2A Pathways Regulate PHD2 Phosphorylation to Fine-Tune HIF1 $\alpha$ Levels and Colorectal Cancer Cell Survival under Hypoxia. Cell Reports, 2017, 18, 1699-1712.   | 6.4  | 88        |
| 18 | Whole-body diffusion-weighted MRI for operability assessment in patients with colorectal cancer and peritoneal metastases. Cancer Imaging, 2019, 19, 1.  | 2.8  | 80        |

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|----|--|------|-----------|
| 19 | Tumor-associated macrophages: a short compendium. Cellular and Molecular Life Sciences, 2019, 76, 1447-1458.   | 5.4  | 71        |
| 20 | Cellular Uptake of the Tyrosine Kinase Inhibitors Imatinib and AMN107 in Gastrointestinal Stromal Tumor Cell Lines. Pharmacology, 2006, 77, 11-16.   | 2.2  | 67        |
| 21 | Tumour-educated circulating monocytes are powerful candidate biomarkers for diagnosis and disease follow-up of colorectal cancer. Gut, 2016, 65, 990-1000.   | 12.1 | 67        |
| 22 | SARS-CoV-2 and cancer: Are they really partners in crime?. Cancer Treatment Reviews, 2020, 89, 102068.   | 7.7  | 60        |
| 23 | Role of targeted agents in metastatic colorectal cancer. Targeted Oncology, 2013, 8, 83-96.  | 3.6  | 58        |
| 24 | RANK/RANKL signaling inhibition may improve the effectiveness of checkpoint blockade in cancer treatment. Critical Reviews in Oncology/Hematology, 2019, 133, 85-91.   | 4.4  | 57        |
| 25 | Practical Considerations for Treating Patients With Cancer in the COVID-19 Pandemic. JCO Oncology Practice, 2020, 16, 467-482.   | 2.9  | 56        |
| 26 | Copy number load predicts outcome of metastatic colorectal cancer patients receiving bevacizumab combination therapy. Nature Communications, 2018, 9, 4112.  | 12.8 | 55        |
| 27 | Overcoming Resistance to Antiangiogenic Therapies. Oncologist, 2012, 17, 1039-1050.  | 3.7  | 53        |
| 28 | A validated prognostic classifier for BRAF-mutated metastatic colorectal cancer: the "BRAF BeCool" study. European Journal of Cancer, 2019, 118, 121-130.  | 2.8  | 51        |
| 29 | Hypomagnesaemia and targeted anti-epidermal growth factor receptor (EGFR) agents. Targeted Oncology, 2011, 6, 227-233.   | 3.6  | 50        |
| 30 | <scp>PHD</scp> 1 regulates p53-mediated colorectal cancer chemoresistance. EMBO Molecular Medicine, 2015, 7, 1350-1365.  | 6.9  | 43        |
| 31 | Chimeric Antigen Receptor-T Cells for Targeting Solid Tumors: Current Challenges and Existing Strategies. BioDrugs, 2019, 33, 515-537.   | 4.6  | 42        |
| 32 | A new intraductal radiofrequency ablation device for inoperable biliopancreatic tumors complicated by obstructive jaundice: the IGNITE-1 study. Endoscopy, 2017, 49, 977-982.  | 1.8  | 41        |
| 33 | Phospholipase C gamma 1 (PLCG1) R707Q mutation is counterselected under targeted therapy in a patient with hepatic angiosarcoma. Oncotarget, 2015, 6, 36418-36425.   | 1.8  | 40        |
| 34 | MAESTRO: A randomized, double-blind phase III study of evofosfamide (Evo) in combination with gemcitabine (Gem) in previously untreated patients (pts) with metastatic or locally advanced unresectable pancreatic ductal adenocarcinoma (PDAC).. Journal of Clinical Oncology, 2016, 34, 4007-4007. | 1.6  | 40        |
| 35 | Germline variation in inflammation-related pathways and risk of Barrett's oesophagus and oesophageal adenocarcinoma. Gut, 2017, 66, 1739-1747.   | 12.1 | 38        |
| 36 | Cancer-Associated Fibroblasts as a Common Orchestrator of Therapy Resistance in Lung and Pancreatic Cancer. Cancers, 2021, 13, 987.  | 3.7  | 38        |

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|----|--|------|-----------|
| 37 | Management of adverse events during treatment of gastrointestinal cancers with epidermal growth factor inhibitors. <i>Critical Reviews in Oncology/Hematology</i> , 2017, 114, 102-113.  | 4.4  | 32        |
| 38 | Current and future biomarkers in the treatment of colorectal cancer. <i>Acta Clinica Belgica</i> , 2017, 72, 103-115.  | 1.2  | 30        |
| 39 | Specialized Blood Collection Tubes for Liquid Biopsy: Improving the Pre-analytical Conditions. <i>Molecular Diagnosis and Therapy</i> , 2020, 24, 113-124.   | 3.8  | 26        |
| 40 | Macrophage miR-210 induction and metabolic reprogramming in response to pathogen interaction boost life-threatening inflammation. <i>Science Advances</i> , 2021, 7, .   | 10.3 | 26        |
| 41 | Tenckhoff tunneled peritoneal catheter placement in the palliative treatment of malignant ascites: technical results and overall clinical outcome. <i>Radiology and Oncology</i> , 2016, 50, 197-203.  | 1.7  | 26        |
| 42 | Iron supplementation is sufficient to rescue skeletal muscle mass and function in cancer cachexia. <i>EMBO Reports</i> , 2022, 23, e53746.   | 4.5  | 26        |
| 43 | The Role of Neoadjuvant Chemotherapy in Locally Advanced Colon Cancer. <i>Cancer Management and Research</i> , 2021, Volume 13, 2567-2579.   | 1.9  | 25        |
| 44 | Progression of Barrett's esophagus toward esophageal adenocarcinoma: an overview. <i>Annals of Gastroenterology</i> , 2016, 30, 1-6.   | 0.6  | 23        |
| 45 | Yttrium-90 radioembolization for the treatment of chemorefractory colorectal liver metastases: Technical results, clinical outcome and factors potentially influencing survival. <i>Acta Oncologica</i> , 2016, 55, 486-495.                         | 1.8  | 22        |
| 46 | Relevance of Geriatric Assessment in Older Patients With Colorectal Cancer. <i>Clinical Colorectal Cancer</i> , 2017, 16, e221-e229.   | 2.3  | 22        |
| 47 | RANK-RANKL Signaling in Cancer of the Uterine Cervix: A Review. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2183.   | 4.1  | 22        |
| 48 | Targeting hedgehog signaling in pancreatic ductal adenocarcinoma. , 2022, 236, 108107.   |      | 22        |
| 49 | Analysis of patients scheduled for neoadjuvant therapy followed by surgery for esophageal cancer, who never made it to esophagectomy. <i>World Journal of Surgical Oncology</i> , 2019, 17, 89.  | 1.9  | 21        |
| 50 | Safety and Tolerability of Anti-Angiogenic Protein Kinase Inhibitors and Vascular-Disrupting Agents in Cancer: Focus on Gastrointestinal Malignancies. <i>Drug Safety</i> , 2019, 42, 159-179.   | 3.2  | 18        |
| 51 | The CIREL Cohort: A Prospective Controlled Registry Studying the Real-Life Use of Irinotecan-Loaded Chemoembolisation in Colorectal Cancer Liver Metastases: Interim Analysis. <i>CardioVascular and Interventional Radiology</i> , 2021, 44, 50-62. | 2.0  | 18        |
| 52 | An update on the use of immunotherapy in patients with colorectal cancer. <i>Expert Review of Gastroenterology and Hepatology</i> , 2021, 15, 291-304.   | 3.0  | 18        |
| 53 | RNA Based Approaches to Profile Oncogenic Pathways From Low Quantity Samples to Drive Precision Oncology Strategies. <i>Frontiers in Genetics</i> , 2020, 11, 598118.  | 2.3  | 18        |
| 54 | Neoadjuvant Therapy for Locally Advanced Rectal Cancer: Recent Advances and Ongoing Challenges. <i>Clinical Colorectal Cancer</i> , 2021, 20, 29-41.   | 2.3  | 18        |

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|----|---|-----|-----------|
| 55 | Imatinib Mesylate Inhibits Glucose Uptake in Gastrointestinal Stromal Tumor Cells by Downregulation of the Glucose Transporters Recruitment to the Plasma Membrane. American Journal of Biochemistry and Biotechnology, 2005, 1, 95-102.  | 0.4 | 18        |
| 56 | Simultaneous determination of AMN107 and Imatinib (Gleevec®®, Glivec®®, STI571) in cultured tumour cells using an isocratic high-performance liquid chromatography procedure with UV detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 846, 341-345. | 2.3 | 17        |
| 57 | Expression of FOXP1 and Colorectal Cancer Prognosis. Laboratory Medicine, 2015, 46, 299-311.  | 1.2 | 17        |
| 58 | Integrating geriatric assessment in the first line chemotherapy treatment in older patients with metastatic colorectal cancer: Results of a prospective observational cohort study (AVAPLUS). Journal of Geriatric Oncology, 2018, 9, 93-101.   | 1.0 | 14        |
| 59 | Immunoglobulin G/total antibody testing for SARS-CoV-2: A prospective cohort study of ambulatory patients and health care workers in two Belgian oncology units comparing three commercial tests. European Journal of Cancer, 2021, 148, 328-339.   | 2.8 | 14        |
| 60 | Largest evaluation of acquired resistance to sotorasib in KRAS p.G12C-mutated non-small cell lung cancer (NSCLC) and colorectal cancer (CRC): Plasma biomarker analysis of CodeBreak100.. Journal of Clinical Oncology, 2022, 40, 102-102.  | 1.6 | 14        |
| 61 | Bevacizumab plus chemotherapy as salvage treatment in chemorefractory patients with metastatic colorectal cancer. OncoTargets and Therapy, 2013, 6, 53.   | 2.0 | 13        |
| 62 | A Phase I Study of an IDO-1 Inhibitor (LY3381916) as Monotherapy and in Combination With an Anti-PD-L1 Antibody (LY3300054) in Patients With Advanced Cancer. Journal of Immunotherapy, 2021, 44, 264-275.  | 2.4 | 13        |
| 63 | Oncological Management of Unresectable Liver Metastases. Digestive Diseases, 2012, 30, 137-142.   | 1.9 | 11        |
| 64 | Prescreening for COVID-19 in patients receiving cancer treatment using a patient-reported outcome platform. ESMO Open, 2020, 5, e000817.  | 4.5 | 11        |
| 65 | Germline variation in the insulin-like growth factor pathway and risk of Barrett's esophagus and esophageal adenocarcinoma. Carcinogenesis, 2021, 42, 369-377.  | 2.8 | 11        |
| 66 | Successful application of endoscopic ultrasound-guided fine needle biopsy to establish pancreatic patient-derived tumor xenografts: a pilot study. Endoscopy, 2016, 48, 1016-1022.  | 1.8 | 10        |
| 67 | "The effectiveness of intravenous iron for iron deficiency anemia in gastrointestinal cancer patients: a retrospective study". Annals of Gastroenterology, 2017, 30, 654-663.   | 0.6 | 10        |
| 68 | Impact of the COVID-19 Epidemic on a Pan-Asian Academic Oncology Clinical Trial. JCO Global Oncology, 2020, 6, 585-588.   | 1.8 | 9         |
| 69 | Safety and efficacy of doxorubicin-eluting superabsorbent polymer microspheres for the treatment of liver metastases from neuroendocrine tumours: preliminary results. Radiology and Oncology, 2017, 51, 74-80.   | 1.7 | 8         |
| 70 | Refractory Metastatic Colorectal Cancer: Current Challenges and Future Prospects. Cancer Management and Research, 2020, Volume 12, 5819-5830.   | 1.9 | 8         |
| 71 | Transarterial chemoembolisation of colorectal liver metastases with irinotecan-loaded beads: What every interventional radiologist should know. European Journal of Radiology Open, 2020, 7, 100236.  | 1.6 | 8         |
| 72 | Oral paclitaxel with enalapril compared to intravenous paclitaxel in patients with advanced cancer: A randomised crossover pharmacokinetic study. British Journal of Clinical Pharmacology, 2021, 87, 4670-4680.  | 2.4 | 8         |

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|----|--|-----|-----------|
| 73 | Use of biologics and chemotherapy in patints with inflammatory bowel diseases and cancer. Annals of Gastroenterology, 2016, 29, 127-36.  | 0.6 | 8         |
| 74 | High mortality of cancer patients in times of SARS-CoV-2: Do not generalize!. European Journal of Cancer, 2020, 138, 225-227.  | 2.8 | 7         |
| 75 | Cytoreductive surgery and Hyperthermic intra-operative peritoneal chemotherapy with Cisplatin for gastric peritoneal Carcinomatosis Monocentric phase-2 nonrandomized prospective clinical trial. BMC Cancer, 2017, 17, 771. | 2.6 | 6         |
| 76 | Survival Outcomes in Patients With RAS Wild Type Metastatic Colorectal Cancer Classified According to K&Auml;hne Prognostic Category and BRAF Mutation Status. Clinical Colorectal Cancer, 2018, 17, 50-57.e8.               | 2.3 | 6         |
| 77 | Ramucirumab: the long and winding road toward being an option for mCRC treatment. Expert Opinion on Biological Therapy, 2019, 19, 399-409.   | 3.1 | 6         |
| 78 | A 2020 update of anal cancer: the increasing problem in women and expanding treatment landscape. Expert Review of Gastroenterology and Hepatology, 2020, 14, 665-680.  | 3.0 | 6         |
| 79 | Safety, pharmacokinetics, and efficacy of budigalimab with rovalpituzumab tesirine in patients with small cell lung cancer. Cancer Treatment and Research Communications, 2021, 28, 100405.                                  | 1.7 | 6         |
| 80 | Intrahepatic therapy for liver-dominant metastatic colorectal cancer. World Journal of Gastrointestinal Oncology, 2015, 7, 148.  | 2.0 | 6         |
| 81 | Practical management of toxicities associated with targeted therapies for advanced gastroenteropancreatic neuroendocrine tumors. Annals of Gastroenterology, 2018, 31, 140-150.  | 0.6 | 5         |
| 82 | Patient-derived organoids as individual patient models for chemoradiation response prediction in gastrointestinal malignancies. Critical Reviews in Oncology/Hematology, 2021, 157, 103190.                                  | 4.4 | 5         |
| 83 | The tele-transition of toxicity management in routine oncology care during the severe acute respiratory syndrome (SARS-CoV-2) pandemic. British Journal of Cancer, 2021, 124, 1366-1372.                                     | 6.4 | 5         |
| 84 | A multicentre, international, observational study on transarterial chemoembolisation in colorectal cancer liver metastases: Design and rationale of CIREL. Digestive and Liver Disease, 2020, 52, 857-861.                   | 0.9 | 4         |
| 85 | Dihydropyrimidine dehydrogenase deficiency in patients with severe toxicity after 5-fluorouracil: a retrospective single-center study. Annals of Gastroenterology, 2020, 34, 68-72.  | 0.6 | 4         |
| 86 | Iron deficiency in gastrointestinal oncology. Annals of Gastroenterology, 2015, 28, 19-24.   | 0.6 | 4         |
| 87 | Excellent Response to MEK Inhibition in an <i>AKG-BRAF</i> Gene Fusion Driven Carcinoma: Case Report and Literature Review. Anticancer Research, 2022, 42, 373-379.  | 1.1 | 4         |
| 88 | Antiangiogenic therapies in colorectal cancer. Memo - Magazine of European Medical Oncology, 2017, 10, 213-217.  | 0.5 | 3         |
| 89 | Is There Room for Personalized Medicine in Small-Cell Lung Cancer (SCLC)? Remarkable Activity of Pazopanib in Refractory FGFR1-Amplified ED-SCLC. JCO Precision Oncology, 2019, 3, 1-8.                                      | 3.0 | 3         |
| 90 | <p>Dose Regimen Rationale for Panitumumab in Cancer Patients: To Be Based on Body Weight or Not</p>. Clinical Pharmacology: Advances and Applications, 2020, Volume 12, 109-114.   | 1.2 | 3         |

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|-----|--|-----|-----------|
| 91  | Oncological emergencies associated with gastrointestinal tumors. <i>Annals of Gastroenterology</i> , 2015, 28, 426-30.   | 0.6 | 3         |
| 92  | Prolonged release oxycodone and naloxone treatment counteracts opioid-induced constipation in patients with severe pain compared to previous analgesic treatment. <i>Current Medical Research and Opinion</i> , 2017, 33, 2217-2227.   | 1.9 | 2         |
| 93  | MSI versus MSS sporadic colorectal cancers: Morphology, inflammation, and angiogenesis revisited.. <i>Journal of Clinical Oncology</i> , 2014, 32, 495-495.  | 1.6 | 2         |
| 94  | Characterization of Liver Metastases During Catheter-Directed Liver Interventions: A Comparison between Dual Phase Cone-Beam Computed Tomography and Conventional Contrast-Enhanced Computed Tomography. <i>Journal of the Belgian Society of Radiology</i> , 2020, 104, 41. | 0.3 | 1         |
| 95  | <p>Is Bodyweight-Based Dosing Truly Better Than Flat Dosing for Panitumumab? [Response to Letter]<p>. <i>Clinical Pharmacology: Advances and Applications</i> , 2020, Volume 12, 189-190.  | 1.2 | 1         |
| 96  | LifePearl microspheres loaded with irinotecan in the treatment of Liver-dominant metastatic colorectal carcinoma: feasibility, safety and pharmacokinetic study. <i>Anti-Cancer Drugs</i> , 2020, 31, 1084-1090.   | 1.4 | 1         |
| 97  | eQTL set-based association analysis identifies novel susceptibility loci for Barrett's esophagus and esophageal adenocarcinoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 0, , .  | 2.5 | 1         |
| 98  | Postgastrectomy protein-losing cytomegalovirus jejunitis in an immunocompromised patient. <i>Endoscopy</i> , 2014, 46, E427-E428.  | 1.8 | 0         |
| 99  | The impact of hepatic and renal function on panitumumab exposures in patients with metastatic RAS wild-type colorectal cancer. <i>Cancer Chemotherapy and Pharmacology</i> , 2021, 88, 665-672.  | 2.3 | 0         |
| 100 | Prolyl hydroxylase domain 1 (PHD1) to mediate chemoresistance in colorectal cancer.. <i>Journal of Clinical Oncology</i> , 2015, 33, e14534-e14534.  | 1.6 | 0         |