

# Peter B Vermeulen

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

5,023  
citations

186265  
28  
h-index

138484  
58  
g-index

62  
all docs

62  
docs citations

62  
times ranked

9114  
citing authors

#	ARTICLE	IF	CITATIONS
1	Landscape of somatic mutations in 560 breast cancer whole-genome sequences. <i>Nature</i> , 2016, 534, 47-54.	27.8	1,760
2	Vessel co-option mediates resistance to anti-angiogenic therapy in liver metastases. <i>Nature Medicine</i> , 2016, 22, 1294-1302.	30.7	342
3	Vessel co-option in cancer. <i>Nature Reviews Clinical Oncology</i> , 2019, 16, 469-493.	27.6	285
4	Liver metastases from colorectal adenocarcinomas grow in three patterns with different angiogenesis and desmoplasia. <i>Journal of Pathology</i> , 2001, 195, 336-342.	4.5	252
5	Angiogenic cytokines in mesothelioma: a study of VEGF, FGF-1 and -2, and TGF $\beta$ expression. <i>Journal of Pathology</i> , 1999, 189, 72-78.	4.5	176
6	International consensus guidelines for scoring the histopathological growth patterns of liver metastasis. <i>British Journal of Cancer</i> , 2017, 117, 1427-1441.	6.4	172
7	Vessel co-option is common in human lung metastases and mediates resistance to anti-angiogenic therapy in preclinical lung metastasis models. <i>Journal of Pathology</i> , 2017, 241, 362-374.	4.5	162
8	Co-option of Liver Vessels and Not Sprouting Angiogenesis Drives Acquired Sorafenib Resistance in Hepatocellular Carcinoma. <i>Journal of the National Cancer Institute</i> , 2016, 108, djw030.	6.3	144
9	Non-angiogenic tumours and their influence on cancer biology. <i>Nature Reviews Cancer</i> , 2018, 18, 323-336.	28.4	113
10	The histological growth pattern of colorectal cancer liver metastases has prognostic value. <i>Clinical and Experimental Metastasis</i> , 2012, 29, 541-549.	3.3	111
11	Early distant relapse in ?node-negative? breast cancer patients is not predicted by occult axillary lymph node metastases, but by the features of the primary tumour. <i>Journal of Pathology</i> , 2001, 193, 442-449.	4.5	102
12	Angiogenic desmoplastic histopathological growth pattern as a prognostic marker of good outcome in patients with colorectal liver metastases. <i>Angiogenesis</i> , 2019, 22, 355-368.	7.2	94
13	Angiogenesis, lymphangiogenesis, growth pattern, and tumor emboli in inflammatory breast cancer. <i>Cancer</i> , 2010, 116, 2748-2754.	4.1	85
14	EVALUATION OF TUMOUR ANGIOGENESIS AS A PROGNOSTIC MARKER IN MALIGNANT MESOTHELIOMA. , 1997, 182, 211-216.		76
15	The Initiator Methionine tRNA Drives Secretion of Type II Collagen from Stromal Fibroblasts to Promote Tumor Growth and Angiogenesis. <i>Current Biology</i> , 2016, 26, 755-765.	3.9	57
16	Vascularization of colorectal carcinoma liver metastasis: insight into stratification of patients for anti-angiogenic therapies. <i>Journal of Pathology: Clinical Research</i> , 2018, 4, 184-192.	3.0	56
17	Pathological features of vessel co-option versus sprouting angiogenesis. <i>Angiogenesis</i> , 2020, 23, 43-54.	7.2	51
18	Replacement and desmoplastic histopathological growth patterns: A pilot study of prediction of outcome in patients with uveal melanoma liver metastases. <i>Journal of Pathology: Clinical Research</i> , 2018, 4, 227-240.	3.0	50

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19	Histopathological Growth Pattern, Proteolysis and Angiogenesis in Chemo-naïve Patients Resected for Multiple Colorectal Liver Metastases. <i>Journal of Oncology</i> , 2012, 2012, 1-12.	1.3	48
20	Genomic profiling of inflammatory breast cancer: A review. <i>Breast</i> , 2014, 23, 538-545.	2.2	46
21	Histopathological growth patterns as a candidate biomarker for immunomodulatory therapy. <i>Seminars in Cancer Biology</i> , 2018, 52, 86-93.	9.6	44
22	Tumor vessel co-option probed by single-cell analysis. <i>Cell Reports</i> , 2021, 35, 109253.	6.4	44
23	Inflammatory breast cancer tumor emboli express high levels of anti-apoptotic proteins: use of a quantitative high content and high-throughput 3D IBC spheroid assay to identify targeting strategies. <i>Oncotarget</i> , 2017, 8, 25848-25863.	1.8	42
24	Angiotropism, pericytic mimicry and extravascular migratory metastasis: an embryogenesis-derived program of tumor spread. <i>Angiogenesis</i> , 2020, 23, 27-41.	7.2	42
25	Development and Validation of a Histological Method to Measure Microvessel Density in Whole-Slide Images of Cancer Tissue. <i>PLoS ONE</i> , 2016, 11, e0161496.	2.5	36
26	Preclinical Evidence That Trametinib Enhances the Response to Antiangiogenic Tyrosine Kinase Inhibitors in Renal Cell Carcinoma. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 172-183.	4.1	35
27	Enrichment of the tumour immune microenvironment in patients with desmoplastic colorectal liver metastasis. <i>British Journal of Cancer</i> , 2020, 123, 196-206.	6.4	35
28	Replacement and desmoplastic histopathological growth patterns in cutaneous melanoma liver metastases: frequency, characteristics, and robust prognostic value. <i>Journal of Pathology: Clinical Research</i> , 2020, 6, 195-206.	3.0	35
29	Salvage treatment for recurrences after first resection of colorectal liver metastases: the impact of histopathological growth patterns. <i>Clinical and Experimental Metastasis</i> , 2019, 36, 109-118.	3.3	32
30	Claudin-2 promotes colorectal cancer liver metastasis and is a biomarker of the replacement type growth pattern. <i>Communications Biology</i> , 2021, 4, 657.	4.4	32
31	Immune phenotype and histopathological growth pattern in patients with colorectal liver metastases. <i>British Journal of Cancer</i> , 2020, 122, 1518-1524.	6.4	31
32	Histopathological growth patterns of liver metastasis: updated consensus guidelines for pattern scoring, perspectives and recent mechanistic insights. <i>British Journal of Cancer</i> , 2022, 127, 988-1013.	6.4	30
33	Circulating tumour cells and lung microvascular tumour cell retention in patients with metastatic breast and cervical cancer. <i>Cancer Letters</i> , 2015, 356, 872-879.	7.2	28
34	Histopathological Growth Patterns and Survival After Resection of Colorectal Liver Metastasis: An External Validation Study. <i>JNCI Cancer Spectrum</i> , 2021, 5, pkab026.	2.9	28
35	Histopathological growth patterns as biomarker for adjuvant systemic chemotherapy in patients with resected colorectal liver metastases. <i>Clinical and Experimental Metastasis</i> , 2020, 37, 593-605.	3.3	27
36	Characterization and Targeting of Platelet-Derived Growth Factor Receptor alpha (PDGFRA) in Inflammatory Breast Cancer (IBC). <i>Neoplasia</i> , 2017, 19, 564-573.	5.3	25

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37	Predicting 10-year survival after resection of colorectal liver metastases; an international study including biomarkers and perioperative treatment. <i>European Journal of Cancer</i> , 2022, 168, 25-33.	2.8	25
38	Distinguishing pure histopathological growth patterns of colorectal liver metastases on CT using deep learning and radiomics: a pilot study. <i>Clinical and Experimental Metastasis</i> , 2021, 38, 483-494.	3.3	24
39	NOTCH and DNA repair pathways are more frequently targeted by genomic alterations in inflammatory than in non-inflammatory breast cancers. <i>Molecular Oncology</i> , 2020, 14, 504-519.	4.6	23
40	Histopathological growth patterns and positive margins after resection of colorectal liver metastases. <i>Hpb</i> , 2020, 22, 911-919.	0.3	23
41	Can medical imaging identify the histopathological growth patterns of liver metastases?. <i>Seminars in Cancer Biology</i> , 2021, 71, 33-41.	9.6	23
42	Preoperative systemic chemotherapy alters the histopathological growth patterns of colorectal liver metastases. <i>Journal of Pathology: Clinical Research</i> , 2022, 8, 48-64.	3.0	23
43	Association between the histopathological growth patterns of liver metastases and survival after hepatic surgery in breast cancer patients. <i>Npj Breast Cancer</i> , 2020, 6, 64.	5.2	20
44	Biphasic sarcomatoid carcinoma (carcinosarcoma) of the renal pelvis with heterologous chondrogenic differentiation. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2000, 437, 194-197.	2.8	18
45	Suppression of Endothelial Cell FAK Expression Reduces Pancreatic Ductal Adenocarcinoma Metastasis after Gemcitabine Treatment. <i>Cancer Research</i> , 2022, 82, 1909-1925.	0.9	13
46	A phase III randomized-controlled, single-blind trial to improve quality of life with stereotactic body radiotherapy for patients with painful bone metastases (ROBOMET). <i>BMC Cancer</i> , 2019, 19, 876.	2.6	10
47	Prognostic implications of adaptive immune features in MMR-proficient colorectal liver metastases classified by histopathological growth patterns. <i>British Journal of Cancer</i> , 2022, 126, 1329-1338.	6.4	10
48	Outcome and toxicity of hypofractionated image-guided SABR for spinal oligometastases. <i>Clinical and Translational Radiation Oncology</i> , 2020, 24, 65-70.	1.7	7
49	Clinico-metabolic characterization improves the prognostic value of histological growth patterns in patients undergoing surgery for colorectal liver metastases. <i>Journal of Surgical Oncology</i> , 2021, 123, 1773-1783.	1.7	7
50	Vessel co-option and angiotropic extravascular migratory metastasis: a continuum of tumour growth and spread?. <i>British Journal of Cancer</i> , 2022, 126, 973-980.	6.4	7
51	Molecular profiles to biology and pathways: a systems biology approach. <i>Chinese Journal of Cancer</i> , 2016, 35, 53.	4.9	6
52	Automated enumeration and phenotypic characterization of CTCs and tdEVs in patients with metastatic castration resistant prostate cancer. <i>Prostate Cancer and Prostatic Diseases</i> , 2021, 24, 499-506.	3.9	6
53	Histopathological growth patterns of resected non-colorectal, non-neuroendocrine liver metastases: a retrospective multicenter study. <i>Clinical and Experimental Metastasis</i> , 2022, 39, 433-442.	3.3	6
54	L1CAM and laminin vascular network: Association with the high-risk replacement histopathologic growth pattern in uveal melanoma liver metastases. <i>Laboratory Investigation</i> , 0, , .	3.7	5

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55	Tumor Stromal Phenotypes Define VEGF Sensitivity Letter. <i>Clinical Cancer Research</i> , 2014, 20, 5140-5140.	7.0	4
56	Oncological outcome, postoperative complications, and mammographic changes after intraoperative radiotherapy with electrons (IOERT) as a boost in a large single-institution cohort of breast cancer patients. <i>Breast Journal</i> , 2020, 26, 1937-1945.	1.0	4
57	Histopathological growth patterns modify the prognostic impact of microvascular invasion in non-cirrhotic hepatocellular carcinoma. <i>Hpb</i> , 2021, , .	0.3	4
58	Local tumour control after radiofrequency or microwave ablation for colorectal liver metastases in relation to histopathological growth patterns. <i>Hpb</i> , 2022, 24, 1443-1452.	0.3	4
59	The use of simulation-CT <sup>™</sup> s as a coronavirus disease 2019 screening tool during the severe acute respiratory syndrome coronavirus 2 pandemic. <i>Radiotherapy and Oncology</i> , 2020, 151, 17-19.	0.6	3
60	Angiogenic cytokines in mesothelioma: a study of VEGF, FGF-1 and -2, and TGF $\beta^2$ expression. , 1999, 189, 72.		1