Timo Gaiser

List of Publications by Year
in descending order

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102 papers	5,672 citations	172457 29 h-index	85541 71 g-index
107 all docs	107 docs citations	107 times ranked	8583 citing authors

#	Article	IF	Citations
1	Integration of deep learning-based image analysis and genomic data in cancer pathology: A systematic review. European Journal of Cancer, 2022, 160, 80-91.	2.8	37
2	FLOT Versus FLOT/Trastuzumab/Pertuzumab Perioperative Therapy of Human Epidermal Growth Factor Receptor 2â€“Positive Resectable Esophagogastric Adenocarcinoma: A Randomized Phase II Trial of the AIO EGA Study Group. Journal of Clinical Oncology, 2022, 40, 3750-3761.	1.6	28
3	Abstract 4018: Long-term response to Trastuzumab in patients with advanced gastric or gastroesophageal adenocarcinoma - A retrospective study. Cancer Research, 2022, 82, 4018-4018.	0.9	0
4	Clinical responses to PD-1 inhibition and their molecular characterization in six patients with mismatch repair-deficient metastatic cancer of the digestive system. Journal of Cancer Research and Clinical Oncology, 2021, 147, 263-273.	2.5	5
5	Molecular characterization of ulcerative colitis-associated colorectal carcinomas. Modern Pathology, 2021, 34, 1153-1166.	5.5	7
6	Thymic Hyperplasia with Lymphoepithelial Sialadenitis (LESA)-Like Features: Strong Association with Lymphomas and Non-Myasthenic Autoimmune Diseases. Cancers, 2021, 13, 315.	3.7	7
7	PPARÎ³ induces PD-L1 expression in MSS+ colorectal cancer cells. OncoImmunology, 2021, 10, 1906500.	4.6	15
8	Gene Expression in Solitary Fibrous Tumors (SFTs) Correlates with Anatomic Localization and NAB2-STAT6 Gene Fusion Variants. American Journal of Pathology, 2021, 191, 602-617.	3.8	30
9	Deep learning approach to predict lymph node metastasis directly from primary tumour histology in prostate cancer. BJU International, 2021, 128, 352-360.	2.5	37
10	The prognostic value of galactosylceramide-sulfotransferase (Gal3ST1) in human renal cell carcinoma. Scientific Reports, 2021, 11, 10926.	3.3	7
11	Molecular and Pathological Profiling of Corresponding Treatment-NaÃ¯ve and Neoadjuvant Pazopanib-Treated High-Risk Soft Tissue Sarcoma Samples of the GISG-04/NOPASS Study. Biology, 2021, 10, 639.	2.8	1
12	GTF2I Mutation in Thymomas: Independence From Racial-Ethnic Backgrounds. An Indian/German Comparative Study. Pathology and Oncology Research, 2021, 27, 1609858.	1.9	1
13	Durable response with lenvatinib and pembrolizumab combination therapy in a patient with pre-treated metastatic cholangiocarcinoma. Journal of Gastrointestinal and Liver Diseases, 2021, 30, 409-410.	0.9	3
14	Changes in Methylation across Structural and MicroRNA Genes Relevant for Progression and Metastasis in Colorectal Cancer. Cancers, 2021, 13, 5951.	3.7	5
15	Expression of the EGFR-RAS Inhibitory Proteins DOK1 and MTMR7 and its Significance in Colorectal Adenoma and Adenoma Recurrence. Journal of Gastrointestinal and Liver Diseases, 2021, 30, 446-455.	0.9	3
16	Cancer-Associated Mutations in Normal Colorectal Mucosa Adjacent to Sporadic Neoplasia. Clinical and Translational Gastroenterology, 2020, 11, e00212.	2.5	3
17	Newly established gastrointestinal cancer cell lines retain the genomic and immunophenotypic landscape of their parental cancers. Scientific Reports, 2020, 10, 17895.	3.3	5
18	Combination of variations in inflammation- and endoplasmic reticulum-associated genes as putative biomarker for bevacizumab response in KRAS wild-type colorectal cancer. Scientific Reports, 2020, 10, 9778.	3.3	5

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19	Interaction between CIEDs and modern radiotherapy techniques: Flattening filter free-VMAT, dose-rate effects, scatter radiation, and neutron-generating energies. Radiotherapy and Oncology, 2020, 152, 196-202.	0.6	10
20	TGF-Î²2 silencing to target biliary-derived liver diseases. Gut, 2020, 69, 1677-1690.	12.1	31
21	Metastasis of pulmonary adenocarcinoma to the palatine tonsil. Molecular and Clinical Oncology, 2019, 10, 231-234.	1.0	4
22	Aryl hydrocarbon receptor nuclear translocator-like (ARNTL/BMAL1) is associated with bevacizumab resistance in colorectal cancer via regulation of vascular endothelial growth factor A. EBioMedicine, 2019, 45, 139-154.	6.1	36
23	Genomeâ€wide DNA methylation analysis of colorectal adenomas with and without recurrence reveals an association between cytosineâ€phosphateâ€guanine methylation and histological subtypes. Genes Chromosomes and Cancer, 2019, 58, 783-797.	2.8	26
24	Detection of mutational patterns in cellâ€free DNA of colorectal cancer by custom amplicon sequencing. Molecular Oncology, 2019, 13, 1669-1683.	4.6	8
25	Visualisation of HER2 homodimers in single cells from HER2 overexpressing primary formalin fixed paraffin embedded tumour tissue. Molecular Medicine, 2019, 25, 42.	4.4	20
26	Predicting survival from colorectal cancer histology slides using deep learning: A retrospective multicenter study. PLoS Medicine, 2019, 16, e1002730.	8.4	563
27	Neoadjuvant Pazopanib Treatment in High-Risk Soft Tissue Sarcoma: A Quantitative Dynamic 18F-FDG PET/CT Study of the German Interdisciplinary Sarcoma Group. Cancers, 2019, 11, 790.	3.7	11
28	Preoperative Pazopanib in High-Risk Soft Tissue Sarcoma: Phase II Window-of Opportunity Study of the German Interdisciplinary Sarcoma Group (NOPASS/GISG-04). Annals of Surgical Oncology, 2019, 26, 1332-1339.	1.5	12
29	HER2 testing in gastric cancer diagnosis: insights on variables influencing HER2-positivity from a large, multicenter, observational study in Germany. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2019, 474, 551-560.	2.8	18
30	Circulating cKIT and PDGFRA DNA indicates disease activity in Gastrointestinal Stromal Tumor (GIST). International Journal of Cancer, 2019, 145, 2292-2303.	5.1	21
31	Perioperative chemotherapy with fluorouracil plus leucovorin, oxaliplatin, and docetaxel versus fluorouracil or capecitabine plus cisplatin and epirubicin for locally advanced, resectable gastric or gastro-oesophageal junction adenocarcinoma (FLOT4): a randomised, phase 2/3 trial. Lancet, The, 2019, 393, 1948-1957.	13.7	1,494
32	Singleâ€cell genetic analysis of clonal dynamics in colorectal adenomas indicates CDX2 gain as a predictor of recurrence. International Journal of Cancer, 2019, 144, 1561-1573.	5.1	15
33	Downregulation of SPARC Is Associated with Epithelial-Mesenchymal Transition and Low Differentiation State of Biliary Tract Cancer Cells. European Surgical Research, 2019, 60, 1-12.	1.3	7
34	Pringle maneuver increases the risk of anastomotic leakage after colonic resection in rats. Hpb, 2018, 20, 392-397.	0.3	8
35	PPARÎ³-activation increases intestinal M1 macrophages and mitigates formation of serrated adenomas in mutant KRAS mice. OncoImmunology, 2018, 7, e1423168.	4.6	12
36	Merkel cell carcinoma expresses the immunoregulatory ligand CD200 and induces immunosuppressive macrophages and regulatory T cells. OncoImmunology, 2018, 7, e1426517.	4.6	23

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37	Complete and Durable Remission of Human Epidermal Growth Factor Receptor 2-Positive Metastatic Urothelial Carcinoma Following Third-Line Treatment with Trastuzumab and Gemcitabine. Urologia Internationalis, 2018, 100, 122-125.	1.3	16
38	Clinical and Histopathologic Features of Colorectal Adenocarcinoma in Crohnâ€™s Disease. Journal of Clinical Gastroenterology, 2018, 52, 635-640.	2.2	9
39	Langerhans and Merkel: a nervous epidermal dispute. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2018, 472, 281-284.	2.8	0
40	Clinical Presentation of Gastrointestinal Stromal Tumors. Visceral Medicine, 2018, 34, 335-340.	1.3	42
41	Copy number load predicts outcome of metastatic colorectal cancer patients receiving bevacizumab combination therapy. Nature Communications, 2018, 9, 4112.	12.8	55
42	Automatic evaluation of tumor budding in immunohistochemically stained colorectal carcinomas and correlation to clinical outcome. Diagnostic Pathology, 2018, 13, 64.	2.0	38
43	The evolution of single cell-derived colorectal cancer cell lines is dominated by the continued selection of tumor-specific genomic imbalances, despite random chromosomal instability. Carcinogenesis, 2018, 39, 993-1005.	2.8	20
44	Dynamics of Genome Alterations in Crohn's Diseaseâ€“Associated Colorectal Carcinogenesis. Clinical Cancer Research, 2018, 24, 4997-5011.	7.0	22
45	Impact of adjuvant chemotherapy on patients with ypT0â€“2 ypN0 rectal cancer after neoadjuvant chemoradiation: a cohort study from a tertiary referral hospital. World Journal of Surgical Oncology, 2018, 16, 156.	1.9	6
46	MYC gene amplification is a rare event in atypical fibroxanthoma and pleomorphic dermal sarcoma. Oncotarget, 2018, 9, 21182-21189.	1.8	7
47	Topography of cancer-associated immune cells in human solid tumors. ELife, 2018, 7, .	6.0	206
48	Loss of epithelial cell adhesion molecule (EpCAM) in infiltrative basal cell carcinoma. International Journal of Clinical and Experimental Pathology, 2018, 11, 406-412.	0.5	1
49	Multiple behavioral factors are associated with occurrence of large, flat colorectal polyps. International Journal of Colorectal Disease, 2017, 32, 575-582.	2.2	3
50	Metastatic triple-negative breast cancer patient with TP53 tumor mutation experienced 11 months progression-free survival on bortezomib monotherapy without adverse events after ending standard treatments with grade 3 adverse events. Journal of Physical Education and Sports Management, 2017, 3, a001677.	1.2	14
51	HER2 testing in gastric cancer: results of a German expert meeting. Journal of Cancer Research and Clinical Oncology, 2017, 143, 835-841.	2.5	46
52	P53â€induced miRâ€30eâ€5p inhibits colorectal cancer invasion and metastasis by targeting ITGA6 and ITGB1. International Journal of Cancer, 2017, 141, 1879-1890.	5.1	75
53	Identification of a characteristic vascular belt zone in human colorectal cancer. PLoS ONE, 2017, 12, e0171378.	2.5	14
54	Apelin: A putative novel predictive biomarker for bevacizumab response in colorectal cancer. Oncotarget, 2017, 8, 42949-42961.	1.8	42

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55	Assessment of concordance between fresh-frozen and formalin-fixed paraffin embedded tumor DNA methylation using a targeted sequencing approach. Oncotarget, 2017, 8, 48126-48137.	1.8	12
56	Epigenetic silencing of tumor suppressor candidate 3 confers adverse prognosis in early colorectal cancer. Oncotarget, 2017, 8, 84714-84728.	1.8	5
57	Preoperative therapy with pazopanib in high-risk soft tissue sarcoma: a phase II window-of-opportunity study by the German Interdisciplinary Sarcoma Group (GISG-04/NOPASS). BMJ Open, 2016, 6, e009558.	1.9	9
58	Multi-class texture analysis in colorectal cancer histology. Scientific Reports, 2016, 6, 27988.	3.3	305
59	Differential expression of cancer stem cell markers in cutaneous and systemic lymphoma. Experimental Dermatology, 2016, 25, 561-563.	2.9	1
60	Outcome of Colorectal Cancer Patients Treated with Combination Bevacizumab Therapy: A Pooled Retrospective Analysis of Three European Cohorts from the Angiopredict Initiative. Digestion, 2016, 94, 129-137.	2.3	10
61	Histopathological regression after neoadjuvant docetaxel, oxaliplatin, fluorouracil, and leucovorin versus epirubicin, cisplatin, and fluorouracil or capecitabine in patients with resectable gastric or gastro-oesophageal junction adenocarcinoma (FLOT4-AIO): results from the phase 2 part of a multicentre, open-label, randomised phase 2/3 trial. Lancet Oncology, The, 2016, 17, 1697-1708.	10.7	532
62	MAP kinase pathway gene copy alterations inNRAS/BRAFwild-type advanced melanoma. International Journal of Cancer, 2016, 138, 2257-2262.	5.1	12
63	Myotubularin-related protein 7 inhibits insulin signaling in colorectal cancer. Oncotarget, 2016, 7, 50490-50506.	1.8	21
64	Histology-based prediction of lymph node metastases in early gastric cancer as decision guidance for endoscopic resection. Oncotarget, 2016, 7, 10676-10683.	1.8	16
65	A novel genomic alteration of LSAMP associates with aggressive prostate cancer in African American men. EBioMedicine, 2015, 2, 1957-1964.	6.1	61
66	<scp>KIT</scp><scp>D</scp>816<scp>V</scp> and <scp>JAK</scp>2<scp>V</scp>617<scp>F</scp> mutations are seen recurrently in hypereosinophilia of unknown significance. American Journal of Hematology, 2015, 90, 774-777.	4.1	50
67	Abdominopelvic actinomycosis in three different locations with invasion of the abdominal wall and ureteric obstruction: An uncommon presentation. International Journal of Surgery Case Reports, 2015, 12, 48-51.	0.6	5
68	Amplicon Sequencing of Colorectal Cancer: Variant Calling in Frozen and Formalin-Fixed Samples. PLoS ONE, 2015, 10, e0127146.	2.5	34
69	Case report: intraductal tubulopapillary neoplasm of the pancreas with unique clear cell phenotype. Diagnostic Pathology, 2014, 9, 11.	2.0	30
70	LGR5 positivity defines stem-like cells in colorectal cancer. Carcinogenesis, 2014, 35, 849-858.	2.8	134
71	Transcriptome profiling of LGR5 positive colorectal cancer cells. Genomics Data, 2014, 2, 212-215.	1.3	9
72	Mast cell sarcoma mimicking metastatic colon carcinoma. Annals of Hematology, 2014, 93, 1067-1069.	1.8	14

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73	Molecular patterns in the evolution of serrated lesion of the colorectum. International Journal of Cancer, 2013, 132, 1800-1810.	5.1	30
74	Predicting Lymph Node Metastases in Early Esophageal Adenocarcinoma Using a Simple Scoring System. Journal of the American College of Surgeons, 2013, 217, 191-199.	0.5	83
75	Deficiency of caveolin-1 in Apcmin/+ mice promotes colorectal tumorigenesis. Carcinogenesis, 2013, 34, 2109-2118.	2.8	26
76	Chromothripsis and Focal Copy Number Alterations Determine Poor Outcome in Malignant Melanoma. Cancer Research, 2013, 73, 1454-1460.	0.9	86
77	Case report: a unique pediatric case of a primary CD8 expressing ALK-1 positive anaplastic large cell lymphoma of skeletal muscle. Diagnostic Pathology, 2012, 7, 38.	2.0	9
78	A new whole genome amplification method for studying clonal evolution patterns in malignant colorectal polyps. Genes Chromosomes and Cancer, 2012, 51, 490-500.	2.8	24
79	Genome and Transcriptome Profiles of CD133-Positive Colorectal Cancer Cells. American Journal of Pathology, 2011, 178, 1478-1488.	3.8	20
80	Inositol-requiring enzyme 1Î± is a key regulator of angiogenesis and invasion in malignant glioma. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15553-15558.	7.1	262
81	Classifying ambiguous melanocytic lesions with FISH and correlation with clinical long-term follow up. Modern Pathology, 2010, 23, 413-419.	5.5	136
82	A rare pediatric case of a thymic cytotoxic and lymphoblastic T/NK cell lymphoma. International Journal of Clinical and Experimental Pathology, 2010, 3, 437-42.	0.5	2
83	17-AAG sensitized malignant glioma cells to death-receptor mediated apoptosis. Neurobiology of Disease, 2009, 33, 243-249.	4.4	39
84	KAAD-cyclopamine augmented TRAIL-mediated apoptosis in malignant glioma cells by modulating the intrinsic and extrinsic apoptotic pathway. Neurobiology of Disease, 2009, 34, 259-266.	4.4	10
85	Stem-cell-like glioma cells are resistant to TRAIL/Apo2L and exhibit down-regulation of caspase-8 by promoter methylation. Acta Neuropathologica, 2009, 117, 445-456.	7.7	88
86	Impressive regression of visceral and cerebral melanoma metastases under combination treatment including dacarbacine, radiotherapy and celecoxib. International Journal of Dermatology, 2009, 48, 207-209.	1.0	2
87	Comparison of automated silver enhanced in situ hybridization and fluorescence in situ hybridization for evaluation of epidermal growth factor receptor status in human glioblastomas. Modern Pathology, 2009, 22, 1263-1271.	5.5	13
88	Myricetin sensitizes malignant glioma cells to TRAIL-mediated apoptosis by down-regulation of the short isoform of FLIP and bcl-2. Cancer Letters, 2009, 283, 230-238.	7.2	45
89	p53-mediated inhibition of angiogenesis in diffuse low-grade astrocytomas. Neurochemistry International, 2009, 54, 458-463.	3.8	16
90	The XIAP inhibitor Embelin enhances TRAIL-mediated apoptosis in malignant glioma cells by down-regulation of the short isoform of FLIP. Neurochemistry International, 2009, 55, 423-430.	3.8	56

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91	Genistein enhances proteasomal degradation of the short isoform of FLIP in malignant glioma cells and thereby augments TRAIL-mediated apoptosis. Neuroscience Letters, 2009, 453, 92-97.	2.1	20
92	Daidzein overcomes TRAIL-resistance in malignant glioma cells by modulating the expression of the intrinsic apoptotic inhibitor, bcl-2. Neuroscience Letters, 2009, 454, 223-228.	2.1	26
93	COX-2 expression in malignant melanoma: a novel prognostic marker?. Melanoma Research, 2009, 19, 8-16.	1.2	78
94	Clinicopathologic challenge. International Journal of Dermatology, 2008, 47, 125-127.	1.0	4
95	Tyramide Signal Amplification: An Enhanced Method for Immunohistochemistry on Methyl-Methacrylate-Embedded Bone Marrow Trephine Sections. Acta Haematologica, 2007, 117, 122-127.	1.4	10
96	Human Malignant Melanomas Express Receptors for Luteinizing Hormone Releasing Hormone Allowing Targeted Therapy with Cytotoxic Luteinizing Hormone Releasing Hormone Analogue. Cancer Research, 2005, 65, 5857-5863.	0.9	40
97	Receptors for Luteinizing Hormone Releasing Hormone Expressed on Human Renal Cell Carcinomas Can Be Used for Targeted Chemotherapy with Cytotoxic Luteinizing Hormone Releasing Hormone Analogues. Clinical Cancer Research, 2005, 11, 5549-5557.	7.0	36
98	Gene Profiling in Anaplastic Large-Cell Lymphoma-Derived Cell Lines with cDNA Expression Arrays. Journal of Hematotherapy and Stem Cell Research, 2002, 11, 423-428.	1.8	15
99	Characterization of a Novel Human Anaplastic Large Cell Lymphoma Cell Line Tumorigenic in SCID Mice. Leukemia and Lymphoma, 2002, 43, 165-172.	1.3	16
100	cDNA arrays: Gene expression profiles of Hodgkin's disease and anaplastic large cell lymphoma cell lines. Pathology International, 2002, 52, 578-585.	1.3	15
101	Expression of angiopoietin-1 and its receptor TEK in hematopoietic cells from patients with myeloid leukemia. Leukemia Research, 2002, 26, 163-168.	0.8	51
102	An Animal Model for Anaplastic Large Cell Lymphoma in the Immunocompetent Syngeneic C57Bl/6 Mouse. Laboratory Investigation, 2000, 80, 1523-1531.	3.7	15