

Timo Gaiser

List of Publications by Year in descending order

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Version: 2024-02-01

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	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. <i>Lancet</i> , The, 2019, 393, 1948-1957.	13.7	1,494
2	Predicting survival from colorectal cancer histology slides using deep learning: A retrospective multicenter study. <i>PLoS Medicine</i> , 2019, 16, e1002730.	8.4	563
3	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. <i>Lancet Oncology</i> , The, 2016, 17, 1697-1708.	10.7	532
4	Multi-class texture analysis in colorectal cancer histology. <i>Scientific Reports</i> , 2016, 6, 27988.	3.3	305
5	Inositol-requiring enzyme 1 β is a key regulator of angiogenesis and invasion in malignant glioma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15553-15558.	7.1	262
6	Topography of cancer-associated immune cells in human solid tumors. <i>ELife</i> , 2018, 7, .	6.0	206
7	Classifying ambiguous melanocytic lesions with FISH and correlation with clinical long-term follow up. <i>Modern Pathology</i> , 2010, 23, 413-419.	5.5	136
8	LGR5 positivity defines stem-like cells in colorectal cancer. <i>Carcinogenesis</i> , 2014, 35, 849-858.	2.8	134
9	Stem-cell-like glioma cells are resistant to TRAIL/Apo2L and exhibit down-regulation of caspase-8 by promoter methylation. <i>Acta Neuropathologica</i> , 2009, 117, 445-456.	7.7	88
10	Chromothripsis and Focal Copy Number Alterations Determine Poor Outcome in Malignant Melanoma. <i>Cancer Research</i> , 2013, 73, 1454-1460.	0.9	86
11	Predicting Lymph Node Metastases in Early Esophageal Adenocarcinoma Using a Simple Scoring System. <i>Journal of the American College of Surgeons</i> , 2013, 217, 191-199.	0.5	83
12	COX-2 expression in malignant melanoma: a novel prognostic marker?. <i>Melanoma Research</i> , 2009, 19, 8-16.	1.2	78
13	P53 β -induced miR-30e β inhibits colorectal cancer invasion and metastasis by targeting ITGA6 and ITGB1. <i>International Journal of Cancer</i> , 2017, 141, 1879-1890.	5.1	75
14	A novel genomic alteration of LSAMP associates with aggressive prostate cancer in African American men. <i>EBioMedicine</i> , 2015, 2, 1957-1964.	6.1	61
15	The XIAP inhibitor Embelin enhances TRAIL-mediated apoptosis in malignant glioma cells by down-regulation of the short isoform of FLIP. <i>Neurochemistry International</i> , 2009, 55, 423-430.	3.8	56
16	Copy number load predicts outcome of metastatic colorectal cancer patients receiving bevacizumab combination therapy. <i>Nature Communications</i> , 2018, 9, 4112.	12.8	55
17	Expression of angiopoietin-1 and its receptor TEK in hematopoietic cells from patients with myeloid leukemia. <i>Leukemia Research</i> , 2002, 26, 163-168.	0.8	51
18	<sc><i>KIT</i></sc> <sc><i>D</i></sc> <i>816</i> <sc><i>V</i></sc> and <sc><i>JAK</i></sc> <i>2</i> <sc><i>V</i></sc> <i>617</i> <sc><i>F</i></sc> mutations are seen recurrently in hypereosinophilia of unknown significance. <i>American Journal of Hematology</i> , 2015, 90, 774-777.	4.1	50

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19	HER2 testing in gastric cancer: results of a German expert meeting. <i>Journal of Cancer Research and Clinical Oncology</i> , 2017, 143, 835-841.	2.5	46
20	Myricetin sensitizes malignant glioma cells to TRAIL-mediated apoptosis by down-regulation of the short isoform of FLIP and bcl-2. <i>Cancer Letters</i> , 2009, 283, 230-238.	7.2	45
21	Clinical Presentation of Gastrointestinal Stromal Tumors. <i>Visceral Medicine</i> , 2018, 34, 335-340.	1.3	42
22	Apelin: A putative novel predictive biomarker for bevacizumab response in colorectal cancer. <i>Oncotarget</i> , 2017, 8, 42949-42961.	1.8	42
23	Human Malignant Melanomas Express Receptors for Luteinizing Hormone Releasing Hormone Allowing Targeted Therapy with Cytotoxic Luteinizing Hormone Releasing Hormone Analogue. <i>Cancer Research</i> , 2005, 65, 5857-5863.	0.9	40
24	17-AAG sensitized malignant glioma cells to death-receptor mediated apoptosis. <i>Neurobiology of Disease</i> , 2009, 33, 243-249.	4.4	39
25	Automatic evaluation of tumor budding in immunohistochemically stained colorectal carcinomas and correlation to clinical outcome. <i>Diagnostic Pathology</i> , 2018, 13, 64.	2.0	38
26	Deep learning approach to predict lymph node metastasis directly from primary tumour histology in prostate cancer. <i>BJU International</i> , 2021, 128, 352-360.	2.5	37
27	Integration of deep learning-based image analysis and genomic data in cancer pathology: A systematic review. <i>European Journal of Cancer</i> , 2022, 160, 80-91.	2.8	37
28	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. <i>Clinical Cancer Research</i> , 2005, 11, 5549-5557.	7.0	36
29	Aryl hydrocarbon receptor nuclear translocator-like (ARNTL/BMAL1) is associated with bevacizumab resistance in colorectal cancer via regulation of vascular endothelial growth factor A. <i>EBioMedicine</i> , 2019, 45, 139-154.	6.1	36
30	Amplicon Sequencing of Colorectal Cancer: Variant Calling in Frozen and Formalin-Fixed Samples. <i>PLoS ONE</i> , 2015, 10, e0127146.	2.5	34
31	TGF- β 2 silencing to target biliary-derived liver diseases. <i>Gut</i> , 2020, 69, 1677-1690.	12.1	31
32	Molecular patterns in the evolution of serrated lesion of the colorectum. <i>International Journal of Cancer</i> , 2013, 132, 1800-1810.	5.1	30
33	Case report: intraductal tubulopapillary neoplasm of the pancreas with unique clear cell phenotype. <i>Diagnostic Pathology</i> , 2014, 9, 11.	2.0	30
34	Gene Expression in Solitary Fibrous Tumors (SFTs) Correlates with Anatomic Localization and NAB2-STAT6 Gene Fusion Variants. <i>American Journal of Pathology</i> , 2021, 191, 602-617.	3.8	30
35	FLOT Versus FLOT/Trastuzumab/Pertuzumab Perioperative Therapy of Human Epidermal Growth Factor Receptor 2-Positive Resectable Esophagogastric Adenocarcinoma: A Randomized Phase II Trial of the AIO EGA Study Group. <i>Journal of Clinical Oncology</i> , 2022, 40, 3750-3761.	1.6	28
36	Daidzein overcomes TRAIL-resistance in malignant glioma cells by modulating the expression of the intrinsic apoptotic inhibitor, bcl-2. <i>Neuroscience Letters</i> , 2009, 454, 223-228.	2.1	26

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37	Deficiency of caveolin-1 in Apcmin/+ mice promotes colorectal tumorigenesis. <i>Carcinogenesis</i> , 2013, 34, 2109-2118.	2.8	26
38	Genome-wide DNA methylation analysis of colorectal adenomas with and without recurrence reveals an association between cytosine-phosphate-guanine methylation and histological subtypes. <i>Genes Chromosomes and Cancer</i> , 2019, 58, 783-797.	2.8	26
39	A new whole genome amplification method for studying clonal evolution patterns in malignant colorectal polyps. <i>Genes Chromosomes and Cancer</i> , 2012, 51, 490-500.	2.8	24
40	Merkel cell carcinoma expresses the immunoregulatory ligand CD200 and induces immunosuppressive macrophages and regulatory T cells. <i>Oncolmmunology</i> , 2018, 7, e1426517.	4.6	23
41	Dynamics of Genome Alterations in Crohn's Disease-Associated Colorectal Carcinogenesis. <i>Clinical Cancer Research</i> , 2018, 24, 4997-5011.	7.0	22
42	Circulating cKIT and PDGFRA DNA indicates disease activity in Gastrointestinal Stromal Tumor (GIST). <i>International Journal of Cancer</i> , 2019, 145, 2292-2303.	5.1	21
43	Myotubularin-related protein 7 inhibits insulin signaling in colorectal cancer. <i>Oncotarget</i> , 2016, 7, 50490-50506.	1.8	21
44	Genistein enhances proteasomal degradation of the short isoform of FLIP in malignant glioma cells and thereby augments TRAIL-mediated apoptosis. <i>Neuroscience Letters</i> , 2009, 453, 92-97.	2.1	20
45	Genome and Transcriptome Profiles of CD133-Positive Colorectal Cancer Cells. <i>American Journal of Pathology</i> , 2011, 178, 1478-1488.	3.8	20
46	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. <i>Carcinogenesis</i> , 2018, 39, 993-1005.	2.8	20
47	Visualisation of HER2 homodimers in single cells from HER2 overexpressing primary formalin fixed paraffin embedded tumour tissue. <i>Molecular Medicine</i> , 2019, 25, 42.	4.4	20
48	HER2 testing in gastric cancer diagnosis: insights on variables influencing HER2-positivity from a large, multicenter, observational study in Germany. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2019, 474, 551-560.	2.8	18
49	Characterization of a Novel Human Anaplastic Large Cell Lymphoma Cell Line Tumorigenic in SCID Mice. <i>Leukemia and Lymphoma</i> , 2002, 43, 165-172.	1.3	16
50	p53-mediated inhibition of angiogenesis in diffuse low-grade astrocytomas. <i>Neurochemistry International</i> , 2009, 54, 458-463.	3.8	16
51	Complete and Durable Remission of Human Epidermal Growth Factor Receptor 2-Positive Metastatic Urothelial Carcinoma Following Third-Line Treatment with Trastuzumab and Gemcitabine. <i>Urologia Internationalis</i> , 2018, 100, 122-125.	1.3	16
52	Histology-based prediction of lymph node metastases in early gastric cancer as decision guidance for endoscopic resection. <i>Oncotarget</i> , 2016, 7, 10676-10683.	1.8	16
53	An Animal Model for Anaplastic Large Cell Lymphoma in the Immunocompetent Syngeneic C57Bl/6 Mouse. <i>Laboratory Investigation</i> , 2000, 80, 1523-1531.	3.7	15
54	Gene Profiling in Anaplastic Large-Cell Lymphoma-Derived Cell Lines with cDNA Expression Arrays. <i>Journal of Hematotherapy and Stem Cell Research</i> , 2002, 11, 423-428.	1.8	15

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55	cDNA arrays: Gene expression profiles of Hodgkin's disease and anaplastic large cell lymphoma cell lines. <i>Pathology International</i> , 2002, 52, 578-585.	1.3	15
56	Single-cell genetic analysis of clonal dynamics in colorectal adenomas indicates <i>CDX2</i> gain as a predictor of recurrence. <i>International Journal of Cancer</i> , 2019, 144, 1561-1573.	5.1	15
57	PPAR β induces PD-L1 expression in MSS+ colorectal cancer cells. <i>Oncolmmunology</i> , 2021, 10, 1906500.	4.6	15
58	Mast cell sarcoma mimicking metastatic colon carcinoma. <i>Annals of Hematology</i> , 2014, 93, 1067-1069.	1.8	14
59	Metastatic triple-negative breast cancer patient with <i>TP53</i> tumor mutation experienced 11 months progression-free survival on bortezomib monotherapy without adverse events after ending standard treatments with grade 3 adverse events. <i>Journal of Physical Education and Sports Management</i> , 2017, 3, a001677.	1.2	14
60	Identification of a characteristic vascular belt zone in human colorectal cancer. <i>PLoS ONE</i> , 2017, 12, e0171378.	2.5	14
61	Comparison of automated silver enhanced in situ hybridization and fluorescence in situ hybridization for evaluation of epidermal growth factor receptor status in human glioblastomas. <i>Modern Pathology</i> , 2009, 22, 1263-1271.	5.5	13
62	MAP kinase pathway gene copy alterations in <i>NRAS/BRAF</i> wild-type advanced melanoma. <i>International Journal of Cancer</i> , 2016, 138, 2257-2262.	5.1	12
63	PPAR β -activation increases intestinal M1 macrophages and mitigates formation of serrated adenomas in mutant <i>KRAS</i> mice. <i>Oncolmmunology</i> , 2018, 7, e1423168.	4.6	12
64	Preoperative Pazopanib in High-Risk Soft Tissue Sarcoma: Phase II Window-of Opportunity Study of the German Interdisciplinary Sarcoma Group (NOPASS/GISG-04). <i>Annals of Surgical Oncology</i> , 2019, 26, 1332-1339.	1.5	12
65	Assessment of concordance between fresh-frozen and formalin-fixed paraffin embedded tumor DNA methylation using a targeted sequencing approach. <i>Oncotarget</i> , 2017, 8, 48126-48137.	1.8	12
66	Neoadjuvant Pazopanib Treatment in High-Risk Soft Tissue Sarcoma: A Quantitative Dynamic 18F-FDG PET/CT Study of the German Interdisciplinary Sarcoma Group. <i>Cancers</i> , 2019, 11, 790.	3.7	11
67	Tyramide Signal Amplification: An Enhanced Method for Immunohistochemistry on Methyl-Methacrylate-Embedded Bone Marrow Trephine Sections. <i>Acta Haematologica</i> , 2007, 117, 122-127.	1.4	10
68	KAAD-cyclopamine augmented TRAIL-mediated apoptosis in malignant glioma cells by modulating the intrinsic and extrinsic apoptotic pathway. <i>Neurobiology of Disease</i> , 2009, 34, 259-266.	4.4	10
69	Outcome of Colorectal Cancer Patients Treated with Combination Bevacizumab Therapy: A Pooled Retrospective Analysis of Three European Cohorts from the Angiopredict Initiative. <i>Digestion</i> , 2016, 94, 129-137.	2.3	10
70	Interaction between CIEDs and modern radiotherapy techniques: Flattening filter free-VMAT, dose-rate effects, scatter radiation, and neutron-generating energies. <i>Radiotherapy and Oncology</i> , 2020, 152, 196-202.	0.6	10
71	Case report: a unique pediatric case of a primary CD8 expressing ALK-1 positive anaplastic large cell lymphoma of skeletal muscle. <i>Diagnostic Pathology</i> , 2012, 7, 38.	2.0	9
72	Transcriptome profiling of LGR5 positive colorectal cancer cells. <i>Genomics Data</i> , 2014, 2, 212-215.	1.3	9

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73	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). <i>BMJ Open</i> , 2016, 6, e009558.	1.9	9
74	Clinical and Histopathologic Features of Colorectal Adenocarcinoma in Crohn's Disease. <i>Journal of Clinical Gastroenterology</i> , 2018, 52, 635-640.	2.2	9
75	Pringle maneuver increases the risk of anastomotic leakage after colonic resection in rats. <i>Hpb</i> , 2018, 20, 392-397.	0.3	8
76	Detection of mutational patterns in cell-free DNA of colorectal cancer by custom amplicon sequencing. <i>Molecular Oncology</i> , 2019, 13, 1669-1683.	4.6	8
77	Downregulation of SPARC Is Associated with Epithelial-Mesenchymal Transition and Low Differentiation State of Biliary Tract Cancer Cells. <i>European Surgical Research</i> , 2019, 60, 1-12.	1.3	7
78	Molecular characterization of ulcerative colitis-associated colorectal carcinomas. <i>Modern Pathology</i> , 2021, 34, 1153-1166.	5.5	7
79	Thymic Hyperplasia with Lymphoepithelial Sialadenitis (LESA)-Like Features: Strong Association with Lymphomas and Non-Myasthenic Autoimmune Diseases. <i>Cancers</i> , 2021, 13, 315.	3.7	7
80	The prognostic value of galactosylceramide-sulfotransferase (Gal3ST1) in human renal cell carcinoma. <i>Scientific Reports</i> , 2021, 11, 10926.	3.3	7
81	<i>MYC</i> gene amplification is a rare event in atypical fibroxanthoma and pleomorphic dermal sarcoma. <i>Oncotarget</i> , 2018, 9, 21182-21189.	1.8	7
82	Impact of adjuvant chemotherapy on patients with ypT0-2 ypN0 rectal cancer after neoadjuvant chemoradiation: a cohort study from a tertiary referral hospital. <i>World Journal of Surgical Oncology</i> , 2018, 16, 156.	1.9	6
83	Abdominopelvic actinomycosis in three different locations with invasion of the abdominal wall and ureteric obstruction: An uncommon presentation. <i>International Journal of Surgery Case Reports</i> , 2015, 12, 48-51.	0.6	5
84	Newly established gastrointestinal cancer cell lines retain the genomic and immunophenotypic landscape of their parental cancers. <i>Scientific Reports</i> , 2020, 10, 17895.	3.3	5
85	Combination of variations in inflammation- and endoplasmic reticulum-associated genes as putative biomarker for bevacizumab response in KRAS wild-type colorectal cancer. <i>Scientific Reports</i> , 2020, 10, 9778.	3.3	5
86	Clinical responses to PD-1 inhibition and their molecular characterization in six patients with mismatch repair-deficient metastatic cancer of the digestive system. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 263-273.	2.5	5
87	Epigenetic silencing of tumor suppressor candidate 3 confers adverse prognosis in early colorectal cancer. <i>Oncotarget</i> , 2017, 8, 84714-84728.	1.8	5
88	Changes in Methylation across Structural and MicroRNA Genes Relevant for Progression and Metastasis in Colorectal Cancer. <i>Cancers</i> , 2021, 13, 5951.	3.7	5
89	Clinicopathologic challenge. <i>International Journal of Dermatology</i> , 2008, 47, 125-127.	1.0	4
90	Metastasis of pulmonary adenocarcinoma to the palatine tonsil. <i>Molecular and Clinical Oncology</i> , 2019, 10, 231-234.	1.0	4

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91	Multiple behavioral factors are associated with occurrence of large, flat colorectal polyps. <i>International Journal of Colorectal Disease</i> , 2017, 32, 575-582.	2.2	3
92	Cancer-Associated Mutations in Normal Colorectal Mucosa Adjacent to Sporadic Neoplasia. <i>Clinical and Translational Gastroenterology</i> , 2020, 11, e00212.	2.5	3
93	Durable response with lenvatinib and pembrolizumab combination therapy in a patient with pre-treated metastatic cholangiocarcinoma. <i>Journal of Gastrointestinal and Liver Diseases</i> , 2021, 30, 409-410.	0.9	3
94	Expression of the EGFR-RAS Inhibitory Proteins DOK1 and MTMR7 and its Significance in Colorectal Adenoma and Adenoma Recurrence. <i>Journal of Gastrointestinal and Liver Diseases</i> , 2021, 30, 446-455.	0.9	3
95	Impressive regression of visceral and cerebral melanoma metastases under combination treatment including dacarbazine, radiotherapy and celecoxib. <i>International Journal of Dermatology</i> , 2009, 48, 207-209.	1.0	2
96	A rare pediatric case of a thymic cytotoxic and lymphoblastic T/NK cell lymphoma. <i>International Journal of Clinical and Experimental Pathology</i> , 2010, 3, 437-42.	0.5	2
97	Differential expression of cancer stem cell markers in cutaneous and systemic lymphoma. <i>Experimental Dermatology</i> , 2016, 25, 561-563.	2.9	1
98	Molecular and Pathological Profiling of Corresponding Treatment-Naïve and Neoadjuvant Pazopanib-Treated High-Risk Soft Tissue Sarcoma Samples of the GISC-04/NOPASS Study. <i>Biology</i> , 2021, 10, 639.	2.8	1
99	GTF2I Mutation in Thymomas: Independence From Racial-Ethnic Backgrounds. An Indian/German Comparative Study. <i>Pathology and Oncology Research</i> , 2021, 27, 1609858.	1.9	1
100	Loss of epithelial cell adhesion molecule (EpCAM) in infiltrative basal cell carcinoma. <i>International Journal of Clinical and Experimental Pathology</i> , 2018, 11, 406-412.	0.5	1
101	Langerhans and Merkel: a nervous epidermal dispute. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2018, 472, 281-284.	2.8	0
102	Abstract 4018: Long-term response to Trastuzumab in patients with advanced gastric or gastroesophageal adenocarcinoma - A retrospective study. <i>Cancer Research</i> , 2022, 82, 4018-4018.	0.9	0