Thomas G P GrÃ¼newald

List of Publications by Year
in descending order

131 papers	6,792 citations	57758 44 h-index	74163 75 g-index
157 all docs	157 docs citations	157 times ranked	10247 citing authors

#	Article	IF	Citations
1	MondoA drives malignancy in B-ALL through enhanced adaptation to metabolic stress. Blood, 2022, 139, 1184-1197.	1.4	7
2	Molecular aspects of Ewing's sarcomas. , 2022, , 617-630.		0
3	Integrative gene network and functional analyses identify a prognostically relevant key regulator of metastasis in Ewing sarcoma. Molecular Cancer, 2022, 21, 1.	19.2	25
4	Eukaryotic translation initiation factor 4E binding protein 1 (EIF4EBP1) expression in glioblastoma is driven by ETS1- and MYBL2-dependent transcriptional activation. Cell Death Discovery, 2022, 8, 91.	4.7	6
5	EIF4EBP1 is transcriptionally upregulated by MYCN and associates with poor prognosis in neuroblastoma. Cell Death Discovery, 2022, 8, 157.	4.7	3
6	Oncogenic chimeric transcription factors drive tumor-specific transcription, processing, and translation of silent genomic regions. Molecular Cell, 2022, 82, 2458-2471.e9.	9.7	14
7	PHGDH heterogeneity potentiates cancerÂcell dissemination and metastasis. Nature, 2022, 605, 747-753.	27.8	77
8	Oncofusion-driven de novo enhancer assembly promotes malignancy in Ewing sarcoma via aberrant expression of the stereociliary protein LOXHD1. Cell Reports, 2022, 39, 110971.	6.4	6
9	Functional genomic analysis of epithelioid sarcoma reveals distinct proximal and distal subtype biology. Clinical and Translational Medicine, 2022, 12, .	4.0	6
10	Super enhancers define regulatory subtypes and cell identity in neuroblastoma. Nature Cancer, 2021, 2, 114-128.	13.2	73
11	InÂVivo Evidence for Serine Biosynthesis-Defined Sensitivity of Lung Metastasis, but Not of Primary Breast Tumors, to mTORC1 Inhibition. Molecular Cell, 2021, 81, 386-397.e7.	9.7	63
12	Single-cell transcriptomic analyses provide insights into the developmental origins of neuroblastoma. Nature Genetics, 2021, 53, 683-693.	21.4	128
13	Fat Induces Glucose Metabolism in Nontransformed Liver Cells and Promotes Liver Tumorigenesis. Cancer Research, 2021, 81, 1988-2001.	0.9	43
14	Ewing Sarcomaâ€"Diagnosis, Treatment, Clinical Challenges and Future Perspectives. Journal of Clinical Medicine, 2021, 10, 1685.	2.4	101
15	Abstract 1227: Oncofusion drivende novoenhancer assembly promotes malignancy in Ewing sarcomaviaaberrant expression of the stereociliary protein LOXHD1. , 2021, , .		0
16	Translational evidence for RRM2 as a prognostic biomarker and therapeutic target in Ewing sarcoma. Molecular Cancer, 2021, 20, 97.	19.2	24
17	Unraveling Ewing Sarcoma Tumorigenesis Originating from Patient-Derived Mesenchymal Stem Cells. Cancer Research, 2021, 81, 4994-5006.	0.9	35
18	Therapeutic targeting of the PLK1-PRC1-axis triggers cell death in genomically silent childhood cancer. Nature Communications, 2021, 12, 5356.	12.8	11

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19	Sarcoma classification by DNA methylation profiling. Nature Communications, 2021, 12, 498.	12.8	237
20	(Immuno)histological Analysis of Ewing Sarcoma. Methods in Molecular Biology, 2021, 2226, 49-64.	0.9	5
21	Tissue Preservation and FFPE Samples: Optimized Nucleic Acids Isolation in Ewing Sarcoma. Methods in Molecular Biology, 2021, 2226, 27-38.	0.9	0
22	Germline Variation and Somatic Alterations in Ewing Sarcoma. Methods in Molecular Biology, 2021, 2226, 3-14.	0.9	2
23	The Transcription Factor FEZF1, a Direct Target of EWSR1-FLI1 in Ewing Sarcoma Cells, Regulates the Expression of Neural-Specific Genes. Cancers, 2021, 13, 5668.	3.7	4
24	Integrative clinical transcriptome analysis reveals TMPRSS2â€ERG dependency of prognostic biomarkers in prostate adenocarcinoma. International Journal of Cancer, 2020, 146, 2036-2046.	5.1	13
25	Hippo pathway effectors YAP1/TAZ induce an EWSâ€“FLI1â€opposing gene signature and associate with disease progression in Ewing sarcoma. Journal of Pathology, 2020, 250, 374-386.	4.5	19
26	Focal adhesion kinase confers proâ€migratory and antiapoptotic properties and is a potential therapeutic target in Ewing sarcoma. Molecular Oncology, 2020, 14, 248-260.	4.6	12
27	Interaction between somatic mutations and germline variants contributes to clinical heterogeneity in cancer. Molecular and Cellular Oncology, 2020, 7, 1682924.	0.7	6
28	DNA methylation-based profiling of uterine neoplasms: a novel tool to improve gynecologic cancer diagnostics. Journal of Cancer Research and Clinical Oncology, 2020, 146, 97-104.	2.5	29
29	Sarcoma treatment in the era of molecular medicine. EMBO Molecular Medicine, 2020, 12, e11131.	6.9	154
30	SOX6: a double-edged sword for Ewing sarcoma. Molecular and Cellular Oncology, 2020, 7, 1783081.	0.7	3
31	Expression of the EWSR1-FLI1 fusion oncogene in pancreas cells drives pancreatic atrophy and lipomatosis. Pancreatology, 2020, 20, 1673-1681.	1.1	4
32	Low-frequency variation near common germline susceptibility loci are associated with risk of Ewing sarcoma. PLoS ONE, 2020, 15, e0237792.	2.5	6
33	Leukemia escape in immune desert: intraocular relapse of pediatric pro-B-ALL during systemic control by CD19-CAR T cells. , 2020, 8, e001052.		7
34	Oncogenic hijacking of a developmental transcription factor evokes vulnerability toward oxidative stress in Ewing sarcoma. Nature Communications, 2020, 11, 2423.	12.8	35
35	Endogenous TCR promotes in vivo persistence of CD19-CAR-T cells compared to a CRISPR/Cas9-mediated TCR knockout CAR. Blood, 2020, 136, 1407-1418.	1.4	91
36	mTOR Signaling and SREBP Activity Increase FADS2 Expression and Can Activate Sapienate Biosynthesis. Cell Reports, 2020, 31, 107806.	6.4	41

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37	High Specificity of BCL11B and GLG1 for EWSR1-FLI1 and EWSR1-ERG Positive Ewing Sarcoma. Cancers, 2020, 12, 644.	3.7	16
38	MHC Class I-Restricted TCR-Transgenic CD4+ T Cells Against STEAP1 Mediate Local Tumor Control of Ewing Sarcoma In Vivo. Cells, 2020, 9, 1581.	4.1	21
39	A comparative view on the expression patterns of PD-L1 and PD-1 in soft tissue sarcomas. Cancer Immunology, Immunotherapy, 2020, 69, 1353-1362.	4.2	34
40	Pan-Cancer Analysis of Mitochondria Chaperone-Client Co-Expression Reveals Chaperone Functional Partitioning. Cancers, 2020, 12, 825.	3.7	9
41	Transcriptional Programs Define Intratumoral Heterogeneity of Ewing Sarcoma at Single-Cell Resolution. Cell Reports, 2020, 30, 1767-1779.e6.	6.4	96
42	Title is missing!. , 2020, 15, e0237792.		0
43	Title is missing!. , 2020, 15, e0237792.		0
44	Title is missing!. , 2020, 15, e0237792.		0
45	Title is missing!. , 2020, 15, e0237792.		0
46	STAG Mutations in Cancer. Trends in Cancer, 2019, 5, 506-520.	7.4	38
47	Gene expression and immunohistochemical analyses identify SOX2 as major risk factor for overall survival and relapse in Ewing sarcoma patients. EBioMedicine, 2019, 47, 156-162.	6.1	23
48	Molecular characteristics and therapeutic vulnerabilities across paediatric solid tumours. Nature Reviews Cancer, 2019, 19, 420-438.	28.4	98
49	Cooperation of cancer drivers with regulatory germline variants shapes clinical outcomes. Nature Communications, 2019, 10, 4128.	12.8	51
50	DNA methylation profiling distinguishes Ewing-like sarcoma with EWSR1â€“NFATc2 fusion from Ewing sarcoma. Journal of Cancer Research and Clinical Oncology, 2019, 145, 1273-1281.	2.5	50
51	Evidence for an alternative fatty acid desaturation pathway increasing cancer plasticity. Nature, 2019, 566, 403-406.	27.8	326
52	Sequence-dependent cross-resistance of combined radiotherapy plus BRAFV600E inhibition in melanoma. European Journal of Cancer, 2019, 109, 137-153.	2.8	20
53	Targeting the CALCB/RAMP1 axis inhibits growth of Ewing sarcoma. Cell Death and Disease, 2019, 10, 116.	6.3	23
54	Targeting the undruggable: exploiting neomorphic features of fusion oncoproteins in childhood sarcomas for innovative therapies. Cancer and Metastasis Reviews, 2019, 38, 625-642.	5.9	31

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55	Functional genomics identifies AMPD2 as a new prognostic marker for undifferentiated pleomorphic sarcoma. International Journal of Cancer, 2019, 144, 859-867.	5.1	10
56	Hepatitis B virus large surface protein is priming for hepatocellular carcinoma development via induction of cytokinesis failure. Journal of Pathology, 2019, 247, 6-8.	4.5	15
57	Clinical Evidence on the Interaction Between MLK4, KRAS and Microsatellite Instability to Determine the Prognosis of Early-Stage Colorectal Carcinoma. Cellular Physiology and Biochemistry, 2019, 53, 820-831.	1.6	0
58	PBX3 Is Part of an EMT Regulatory Network and Indicates Poor Outcome in Colorectal Cancer. Clinical Cancer Research, 2018, 24, 1974-1986.	7.0	37
59	PRC1: Linking Cytokinesis, Chromosomal Instability, and Cancer Evolution. Trends in Cancer, 2018, 4, 59-73.	7.4	59
60	The DNA-polymorphism rs849142 is associated with skin toxicity induced by targeted anti-EGFR therapy using cetuximab. Oncotarget, 2018, 9, 30279-30288.	1.8	6
61	Ewing sarcoma. Nature Reviews Disease Primers, 2018, 4, 5.	30.5	500
62	Genome-wide association study identifies multiple new loci associated with Ewing sarcoma susceptibility. Nature Communications, 2018, 9, 3184.	12.8	50
63	Systematic identification of cancer-specific MHC-binding peptides with RAVEN. OncoImmunology, 2018, 7, e1481558.	4.6	16
64	Are EWSR1-NFATc2-positive sarcomas really Ewing sarcomas?. Modern Pathology, 2018, 31, 997-999.	5.5	20
65	Robust diagnosis of Ewing sarcoma by immunohistochemical detection of super-enhancer-driven EWSR1-ETS targets. Oncotarget, 2018, 9, 1587-1601.	1.8	66
66	Abstract A13: Genome-wide association study identifies multiple new loci associated with Ewing sarcoma susceptibility. , 2018, , .		0
67	EWS-FLI1-mediated suppression of the RAS-antagonist Sprouty 1 (SPRY1) confers aggressiveness to Ewing sarcoma. Oncogene, 2017, 36, 766-776.	5.9	29
68	Pappalysin-1 T cell receptor transgenic allo-restricted T cells kill Ewing sarcomain vitroandin vivo. OncoImmunology, 2017, 6, e1273301.	4.6	30
69	Proline metabolism supports metastasis formation and could be inhibited to selectively target metastasizing cancer cells. Nature Communications, 2017, 8, 15267.	12.8	297
70	Ewing sarcoma partial regression without GvHD by chondromodulin-I/HLA-A*02:01-specific allorestricted T cell receptor transgenic T cells. OncoImmunology, 2017, 6, e1312239.	4.6	21
71	MYBL2 (B-Myb): a central regulator of cell proliferation, cell survival and differentiation involved in tumorigenesis. Cell Death and Disease, 2017, 8, e2895-e2895.	6.3	226
72	Next steps in Ewing sarcoma (epi-)genomics. Future Oncology, 2017, 13, 1207-1211.	2.4	5

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73	MRD response in a refractory paediatric T-ALL patient through anti-programmed cell death 1 (PD-1) Ab treatment associated with induction of fatal GvHD. Bone Marrow Transplantation, 2017, 52, 1221-1224.	2.4	16
74	Heterogeneity of neuroblastoma cell identity defined by transcriptional circuitries. Nature Genetics, 2017, 49, 1408-1413.	21.4	331
75	Epithelial-to-Mesenchymal and Mesenchymal-to-Epithelial Transition in Mesenchymal Tumors: A Paradox in Sarcomas?. Cancer Research, 2017, 77, 4556-4561.	0.9	91
76	Abstract 3757: Ewing Sarcoma regression by Allo-MHC/Chm1 specific T cells without GVHD. , 2017, , .		0
77	Abstract 692: Pappalysin-1 is a suitable target for T cell receptor transgenic T cells to kill Ewing sarcomain vivoandin vitro. , 2017, , .		0
78	The second European interdisciplinary Ewing sarcoma research summit - A joint effort to deconstructing the multiple layers of a complex disease. Oncotarget, 2016, 7, 8613-8624.	1.8	55
79	Editorial: Biology-Driven Targeted Therapy of Pediatric Soft-Tissue and Bone Tumors: Current Opportunities and Future Challenges. Frontiers in Oncology, 2016, 6, 39.	2.8	2
80	Transgenic antigen-specific, HLA-A*02:01-allo-restricted cytotoxic T cells recognize tumor-associated target antigen STEAP1 with high specificity. OncoImmunology, 2016, 5, e1175795.	4.6	25
81	Breast Cancer-Derived Lung Metastases Show Increased Pyruvate Carboxylase-Dependent Anaplerosis. Cell Reports, 2016, 17, 837-848.	6.4	203
82	Next steps in preventing Ewing sarcoma progression. Future Oncology, 2016, 12, 1-4.	2.4	4
83	Eukaryotic initiation factor 4E-binding protein 1 (4E-BP1): a master regulator of mRNA translation involved in tumorigenesis. Oncogene, 2016, 35, 4675-4688.	5.9	116
84	Cooperation between somatic mutations and germline susceptibility variants in tumorigenesis â€“ a dangerous liaison. Molecular and Cellular Oncology, 2016, 3, e1086853.	0.7	11
85	Lysosome-associated membrane glycoprotein 1 predicts fratricide amongst T cell receptor transgenic CD8+ T cells directed against tumor-associated antigens. Oncotarget, 2016, 7, 56584-56597.	1.8	8
86	Bone marrow involvement identifies a subgroup of advanced Ewing sarcoma patients with fatal outcome irrespective of therapy in contrast to curable patients with multiple bone metastases but unaffected marrow. Oncotarget, 2016, 7, 70959-70968.	1.8	19
87	Acute stress enhances the expression of neuroprotection- and neurogenesis-associated genes in the hippocampus of a mouse restraint model. Oncotarget, 2016, 7, 8455-8465.	1.8	24
88	Human HLA-A*02:01/CHM1+ allo-restricted T cell receptor transgenic CD8+ T Cells specifically inhibit Ewing sarcoma growthin vitroandin vivo. Oncotarget, 2016, 7, 43267-43280.	1.8	21
89	Abstract 2462: MondoA mediatesin vivoaggressiveness of common ALL and may serve as a T-cell immunotherapy target. , 2016, , .		1
90	Abstract 973: A long noncoding RNA-regulating enhancer links Ewing sarcoma susceptibility to stress response. , 2016, , .		0

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91	Tumourâ€derived exosomes: TinyÂenvelopesÂfor big stories. Biology of the Cell, 2015, 107, 287-305.	2.0	77
92	LASP1, a Newly Identified Melanocytic Protein with a Possible Role in Melanin Release, but Not in Melanoma Progression. PLoS ONE, 2015, 10, e0129219.	2.5	10
93	Chimeric EWSR1-FLI1 regulates the Ewing sarcoma susceptibility gene EGR2 via a GGAA microsatellite. Nature Genetics, 2015, 47, 1073-1078.	21.4	157
94	YB-1 regulates stress granule formation and tumor progression by translationally activating G3BP1. Journal of Cell Biology, 2015, 208, 913-929.	5.2	224
95	Translational Activation of HIF1Î± by YB-1 Promotes Sarcoma Metastasis. Cancer Cell, 2015, 27, 682-697.	16.8	226
96	An update on the LIM and SH3 domain protein 1 (LASP1): a versatile structural, signaling, and biomarker protein. Oncotarget, 2015, 6, 26-42.	1.8	75
97	The LPA1/ZEB1/miR-21-activation pathway regulates metastasis in basal breast cancer. Oncotarget, 2015, 6, 20604-20620.	1.8	56
98	Stem cell rescue from irradiation of multiple tumor sites combined with high-dose chemotherapy, followed by reduced intensity conditioning and allogeneic stem cell transplantation in patients with advanced pediatric sarcomas: Preliminary results of the MetaEICESS 2007 protocol.. Journal of Clinical Oncology, 2015, 33, 10525-10525.	1.6	0
99	Loss of tumor suppressor mir-203 mediates overexpression of LIM and SH3 Protein 1 (LASP1) in high-risk prostate cancer thereby increasing cell proliferation and migration. Oncotarget, 2014, 5, 4144-4153.	1.8	61
100	LASP1 is a novel BCR-ABL substrate and a phosphorylation-dependent binding partner of CRKL in chronic myeloid leukemia. Oncotarget, 2014, 5, 5257-5271.	1.8	19
101	Abstract 1421: Overexpression of the pro-glycolytic transcription factor MondoA enhances malignant potential of ALLin vivo. , 2014, , .		0
102	Abstract A10: Functional characterization of Ewing's sarcoma susceptibility loci. , 2014, , .		0
103	First identification of Ewing's sarcomaâ€derived extracellular vesicles and exploration of their biological and potential diagnostic implications. Biology of the Cell, 2013, 105, 289-303.	2.0	59
104	Lysophosphatidic acid (LPA) signalling in cell migration and cancer invasion: A focussed review and analysis of LPA receptor gene expression on the basis of more than 1700 cancer microarrays. Biology of the Cell, 2013, 105, 317-333.	2.0	123
105	The Zyxinâ€related protein thyroid receptor interacting protein 6 (TRIP6) is overexpressed in Ewing's sarcoma and promotes migration, invasion and cell growth. Biology of the Cell, 2013, 105, 535-547.	2.0	31
106	DKK2 Mediates Osteolysis, Invasiveness, and Metastatic Spread in Ewing Sarcoma. Cancer Research, 2013, 73, 967-977.	0.9	56
107	Gâ€Protein coupled receptor 64 promotes invasiveness and metastasis in Ewing sarcomas through <scp>PGF</scp> and <scp>MMP1</scp>. Journal of Pathology, 2013, 230, 70-81.	4.5	53
108	Allogeneic stem cell transplantation for patients with advanced rhabdomyosarcoma: a retrospective assessment. British Journal of Cancer, 2013, 109, 2523-2532.	6.4	22

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109	Anti-oxidative stress response genes: bioinformatic analysis of their expression and relevance in multiple cancers. Oncotarget, 2013, 4, 2577-2590.	1.8	41
110	High STEAP1 expression is associated with improved outcome of Ewing's sarcoma patients. Annals of Oncology, 2012, 23, 2185-2190.	1.2	43
111	Targeted Therapeutics in Treatment of Children and Young Adults with Solid Tumors: an Expert Survey and Review of the Literature. Klinische Padiatrie, 2012, 224, 124-131.	0.6	15
112	Human Leukocyte Antigen Distribution in German Caucasians with Advanced Ewingâ€™s Sarcoma. Klinische Padiatrie, 2012, 224, 353-358.	0.6	1
113	The STEAP protein family: Versatile oxidoreductases and targets for cancer immunotherapy with overlapping and distinct cellular functions. Biology of the Cell, 2012, 104, 641-657.	2.0	82
114	MondoA is highly overexpressed in acute lymphoblastic leukemia cells and modulates their metabolism, differentiation and survival. Leukemia Research, 2012, 36, 1185-1192.	0.8	20
115	STEAP1 Is Associated with the Invasive and Oxidative Stress Phenotype of Ewing Tumors. Molecular Cancer Research, 2012, 10, 52-65.	3.4	109
116	Defining the role of TRIP6 in cell physiology and cancer. Biology of the Cell, 2011, 103, 573-591.	2.0	36
117	Understanding tumor heterogeneity as functional compartments - superorganisms revisited. Journal of Translational Medicine, 2011, 9, 79.	4.4	33
118	Mesenchymal stromal cells for treatment of steroid-refractory GvHD: a review of the literature and two pediatric cases. International Archive of Medicine, 2011, 4, 27.	1.2	38
119	Nuclear localisation of LASP-1 correlates with poor long-term survival in female breast cancer. British Journal of Cancer, 2010, 102, 1645-1653.	6.4	55
120	First report of ectopic ACTH syndrome and PTHrP-induced hypercalcemia due to a hepatoblastoma in a child. European Journal of Endocrinology, 2010, 162, 813-818.	3.7	17
121	First report of effective and feasible treatment of multifocal lymphangiomatosis (Gorhamâ€“Stout) with bevacizumab in a child. Annals of Oncology, 2010, 21, 1733-1734.	1.2	61
122	Role of LIM and SH3 Protein 1 (LASP1) in the Metastatic Dissemination of Medulloblastoma. Cancer Research, 2010, 70, 8003-8014.	0.9	62
123	Sclerosing Epithelioid Fibrosarcoma of the Bone: A Case Report of High Resistance to Chemotherapy and a Survey of the Literature. Sarcoma, 2010, 2010, 1-5.	1.3	34
124	Cell Adhesion and Transcriptional Activity â€” Defining the Role of the Novel Protooncogene LPP. Translational Oncology, 2009, 2, 107-116.	3.7	48
125	The LIM and SH3 domain protein family: structural proteins or signal transducers or both?. Molecular Cancer, 2008, 7, 31.	19.2	71
126	Perifosine inhibits growth of human experimental endometrial cancers by blockade of AKT phosphorylation. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2008, 141, 64-69.	1.1	28

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127	Overexpression of LASP-1 mediates migration and proliferation of human ovarian cancer cells and influences zyxin localisation. British Journal of Cancer, 2007, 96, 296-305.	6.4	107
128	Nuclear localization and cytosolic overexpression of LASP-1 correlates with tumor size and nodal-positivity of human breast carcinoma. BMC Cancer, 2007, 7, 198.	2.6	69
129	Silencing of LASP-1 influences zyxin localization, inhibits proliferation and reduces migration in breast cancer cells. Experimental Cell Research, 2006, 312, 974-982.	2.6	103
130	Safety of Alternating Ganciclovir and Foscarnet Maintenance Therapy in Human Immunodeficiency Virus (HIV)-related Cytomegalovirus Infections. An Open-labeled Pilot Study. Scandinavian Journal of Infectious Diseases, 1994, 26, 49-54.	1.5	9
131	Oncofusion-Driven <i>de novo</i> Enhancer Assembly Promotes Malignancy in Ewing Sarcoma <i>via</i> Aberrant Expression of the Stereociliary Protein LOXHD1. SSRN Electronic Journal, 0, , .	0.4	0