Franck Tirode

List of Publications by Citations

95 papers	4,677 citations	33 h-index	68 g-index
115 ext. papers	5,787 ext. citations	9.1 avg, IF	5.06 L-index

#	Paper	IF	Citations
95	Mesenchymal stem cell features of Ewing tumors. *Cancer Cell*, **2007**, 11, 421-9	24.3	390
94	EWS/FLI-1 silencing and gene profiling of Ewing cells reveal downstream oncogenic pathways and a crucial role for repression of insulin-like growth factor binding protein 3. *Molecular and Cellular Biology*, **2004**, 24, 7275-83	4.8	342
93	A new subtype of bone sarcoma defined by BCOR-CCNB3 gene fusion. *Nature Genetics*, **2012**, 44, 461-6	36.3	325
92	Genomic landscape of Ewing sarcoma defines an aggressive subtype with co-association of STAG2 and TP53 mutations. *Cancer Discovery*, **2014**, 4, 1342-53	24.4	310
91	Validated prediction of clinical outcome in sarcomas and multiple types of cancer on the basis of a gene expression signature related to genome complexity. *Nature Medicine*, **2010**, 16, 781-7	50.5	290
90	Reconstitution of the transcription factor TFIIH: assignment of functions for the three enzymatic subunits, XPB, XPD, and cdk7. *Molecular Cell*, **1999**, 3, 87-95	17.6	255
89	Cancer-associated SF3B1 mutations affect alternative splicing by promoting alternative branchpoint usage. *Nature Communications*, **2016**, 7, 10615	17.4	223
88	SMARCA4 inactivation defines a group of undifferentiated thoracic malignancies transcriptionally related to BAF-deficient sarcomas. *Nature Genetics*, **2015**, 47, 1200-5	36.3	170
87	Translational Activation of HIF1 by YB-1 Promotes Sarcoma Metastasis. *Cancer Cell*, **2015**, 27, 682-97	24.3	167
86	Nucleotide excision repair of DNA with recombinant human proteins: definition of the minimal set of factors, active forms of TFIIH, and modulation by CAK. *Genes and Development*, **2000**, 14, 349-359	12.6	158
85	Transcriptomic definition of molecular subgroups of small round cell sarcomas. *Journal of Pathology*, **2018**, 245, 29-40	9.4	140
84	Common variants near TARDBP and EGR2 are associated with susceptibility to Ewing sarcoma. *Nature Genetics*, **2012**, 44, 323-7	36.3	124
83	The oncogenic EWS-FLI1 protein binds in vivo GGAA microsatellite sequences with potential transcriptional activation function. *PLoS ONE*, **2009**, 4, e4932	3.7	121
82	Chimeric EWSR1-FLI1 regulates the Ewing sarcoma susceptibility gene EGR2 via a GGAA microsatellite. *Nature Genetics*, **2015**, 47, 1073-8	36.3	103
81	A conditionally expressed third partner stabilizes or prevents the formation of a transcriptional activator in a three-hybrid system. *Journal of Biological Chemistry*, **1997**, 272, 22995-9	5.4	90
80	A role for the TFIIH XPB DNA helicase in promoter escape by RNA polymerase II. *Journal of Biological Chemistry*, **1999**, 274, 22127-30	5.4	74
79	ETV4 is a useful marker for the diagnosis of CIC-rearranged undifferentiated round-cell sarcomas: a study of 127 cases including mimicking lesions. *Modern Pathology*, **2016**, 29, 1523-1531	9.8	71

78	Zoledronic acid as a new adjuvant therapeutic strategy for Ewing's sarcoma patients. *Cancer Research*, **2010**, 70, 7610-9	10.1	64
77	SMARCA4-deficient Thoracic Sarcomas: Clinicopathologic Study of 30 Cases With an Emphasis on Their Nosology and Differential Diagnoses. *American Journal of Surgical Pathology*, **2019**, 43, 455-465	6.7	64
76	The orphan nuclear receptor DAX1 is up-regulated by the EWS/FLI1 oncoprotein and is highly expressed in Ewing tumors. *International Journal of Cancer*, **2006**, 118, 1381-9	7.5	63
75	Strong smooth muscle differentiation is dependent on myocardin gene amplification in most human retroperitoneal leiomyosarcomas. *Cancer Research*, **2009**, 69, 2269-78	10.1	57
74	Targeting the EWSR1-FLI1 oncogene-induced protein kinase PKC- abolishes ewing sarcoma growth. *Cancer Research*, **2012**, 72, 4494-503	10.1	54
73	Combined experience of six independent laboratories attempting to create an Ewing sarcoma mouse model. *Oncotarget*, **2017**, 8, 34141-34163	3.3	52
72	Preclinical evidence that use of TRAIL in Ewing's sarcoma and osteosarcoma therapy inhibits tumor growth, prevents osteolysis, and increases animal survival. *Clinical Cancer Research*, **2010**, 16, 2363-74	12.9	51
71	De novo motif identification improves the accuracy of predicting transcription factor binding sites in ChIP-Seq data analysis. *Nucleic Acids Research*, **2010**, 38, e126	20.1	51
70	Clinicopathologic Features of CIC-NUTM1 Sarcomas, a New Molecular Variant of the Family of CIC-Fused Sarcomas. *American Journal of Surgical Pathology*, **2019**, 43, 268-276	6.7	44
69	Systems biology of Ewing sarcoma: a network model of EWS-FLI1 effect on proliferation and apoptosis. *Nucleic Acids Research*, **2013**, 41, 8853-71	20.1	39
68	Transcriptional Programs Define Intratumoral Heterogeneity of Ewing Sarcoma at Single-Cell Resolution. *Cell Reports*, **2020**, 30, 1767-1779.e6	10.6	39
67	The second European interdisciplinary Ewing sarcoma research summit--A joint effort to deconstructing the multiple layers of a complex disease. *Oncotarget*, **2016**, 7, 8613-24	3.3	38
66	Alternative PDGFD rearrangements in dermatofibrosarcomas protuberans without PDGFB fusions. *Modern Pathology*, **2018**, 31, 1683-1693	9.8	37
65	Targeting the epigenetic readers in Ewing sarcoma inhibits the oncogenic transcription factor EWS/Fli1. *Oncotarget*, **2016**, 7, 24125-40	3.3	35
64	A subset of epithelioid and spindle cell rhabdomyosarcomas is associated with TFCP2 fusions and common ALK upregulation. *Modern Pathology*, **2020**, 33, 404-419	9.8	35
63	Clinicopathologic and Molecular Features of a Series of 41 Biphenotypic Sinonasal Sarcomas Expanding Their Molecular Spectrum. *American Journal of Surgical Pathology*, **2019**, 43, 747-754	6.7	33
62	Update on Families of Round Cell Sarcomas Other than Classical Ewing Sarcomas. *Surgical Pathology Clinics*, **2017**, 10, 587-620	3.9	32
61	deficiency causes a wide tumor spectrum and increases embryonal rhabdomyosarcoma metastasis in zebrafish. *ELife*, **2018**, 7,	8.9	31

60	Oncostatin M is a growth factor for Ewing sarcoma. *American Journal of Pathology*, **2012**, 181, 1782-95	5.8	30
59	The first European interdisciplinary ewing sarcoma research summit. *Frontiers in Oncology*, **2012**, 2, 54	5.3	29
58	Comprehensive Molecular and Pathologic Evaluation of Transitional Mesothelioma Assisted by Deep Learning Approach: A Multi-Institutional Study of the International Mesothelioma Panel from the MESOPATH Reference Center. *Journal of Thoracic Oncology*, **2020**, 15, 1037-1053	8.9	27
57	Therapeutic Targeting of KDM1A/LSD1 in Ewing Sarcoma with SP-2509 Engages the Endoplasmic Reticulum Stress Response. *Molecular Cancer Therapeutics*, **2018**, 17, 1902-1916	6.1	27
56	Genome-wide association study identifies multiple new loci associated with Ewing sarcoma susceptibility. *Nature Communications*, **2018**, 9, 3184	17.4	25
55	BAFfling pathologies: Alterations of BAF complexes in cancer. *Cancer Letters*, **2018**, 419, 266-279	9.9	24
54	SRF-FOXO1 and SRF-NCOA1 Fusion Genes Delineate a Distinctive Subset of Well-differentiated Rhabdomyosarcoma. *American Journal of Surgical Pathology*, **2020**, 44, 607-616	6.7	22
53	transgenic zebrafish models identify as a mediator of rhabdomyosarcoma tumorigenesis. *ELife*, **2018**, 7,	8.9	20
52	Bone sarcomas: from biology to targeted therapies. *Sarcoma*, **2012**, 2012, 301975	3.1	19
51	Loss of connexin43 expression in Ewing's sarcoma cells favors the development of the primary tumor and the associated bone osteolysis. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2013**, 1832, 553-64	6.9	17
50	Melanocytic tumors with MAP3K8 fusions: report of 33 cases with morphological-genetic correlations. *Modern Pathology*, **2020**, 33, 846-857	9.8	17
49	Integrative clinical and biopathology analyses to understand the clinical heterogeneity of infantile rhabdomyosarcoma: A report from the French MMT committee. *Cancer Medicine*, **2020**, 9, 2698-2709	4.8	16
48	NFATc2-rearranged sarcomas: clinicopathologic, molecular, and cytogenetic study of 7 cases with evidence of AGGRECAN as a novel diagnostic marker. *Modern Pathology*, **2020**, 33, 1930-1944	9.8	16
47	Genetic analyses of undifferentiated small round cell sarcoma identifies a novel sarcoma subtype with a recurrent CRTC1-SS18 gene fusion. *Journal of Pathology*, **2018**, 245, 186-196	9.4	15
46	The ENCCA-WP7/EuroSarc/EEC/PROVABES/EURAMOS 3rd European Bone Sarcoma Networking Meeting/Joint Workshop of EU Bone Sarcoma Translational Research Networks; Vienna, Austria, September 24-25, 2015. Workshop Report. *Clinical Sarcoma Research*, **2016**, 6, 3	2.5	14
45	STAG2 mutations alter CTCF-anchored loop extrusion, reduce cis-regulatory interactions and EWSR1-FLI1 activity in Ewing sarcoma. *Cancer Cell*, **2021**, 39, 810-826.e9	24.3	13
44	Very long-term survivors among patients with metastatic soft tissue sarcoma. *Cancer Medicine*, **2019**, 8, 1368-1378	4.8	11
43	Molecular Classification of Endometrial Stromal Sarcomas Using RNA Sequencing Defines Nosological and Prognostic Subgroups with Different Natural History. *Cancers*, **2020**, 12,	6.6	11

42	Genomic and transcriptomic characterisation of undifferentiated pleomorphic sarcoma of bone. *Journal of Pathology*, **2019**, 247, 166-176	9.4	11
41	Malignant melanoma with areas of rhabdomyosarcomatous differentiation arising in a giant congenital nevus with RAF1 gene fusion. *Pigment Cell and Melanoma Research*, **2019**, 32, 708-713	4.5	9
40	A functional, new short isoform of death receptor 4 in Ewing's sarcoma cell lines may be involved in TRAIL sensitivity/resistance mechanisms. *Molecular Cancer Research*, **2012**, 10, 336-46	6.6	9
39	Novel three-way complex rearrangement of TRPM1-PUM1-LCK in a case of agminated Spitz nevi arising in a giant congenital hyperpigmented macule. *Pigment Cell and Melanoma Research*, **2020**, 33, 767-772	4.5	8
38	CYSLTR2-mutant Cutaneous Melanocytic Neoplasms Frequently Simulate "Pigmented Epithelioid Melanocytoma," Expanding the Morphologic Spectrum of Blue Tumors: A Clinicopathologic Study of 7 Cases. *American Journal of Surgical Pathology*, **2019**, 43, 1368-1376	6.7	8
37	Brain tumor with an ATXN1-NUTM1 fusion gene expands the histologic spectrum of NUTM1-rearranged neoplasia. *Acta Neuropathologica Communications*, **2019**, 7, 220	7.3	8
36	Antagonism pattern detection between microRNA and target expression in Ewing's sarcoma. *PLoS ONE*, **2012**, 7, e41770	3.7	7
35	Fusion partners of NTRK3 affect subcellular localization of the fusion kinase and cytomorphology of melanocytes. *Modern Pathology*, **2021**, 34, 735-747	9.8	7
34	Development of curative therapies for Ewing sarcomas by interdisciplinary cooperative groups in Europe. *Klinische Padiatrie*, **2015**, 227, 108-15	0.9	6
33	CRTC1-TRIM11 fusion defined melanocytic tumors: A series of four cases. *Journal of Cutaneous Pathology*, **2019**, 46, 810-818	1.7	6
32	Clear cell tumor with melanocytic differentiation and MITF-CREM translocation: a novel entity similar to clear cell sarcoma. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2021**, 479, 841-846	5.1	6
31	Three-hybrid screens. Inducible third-party systems. *Methods in Molecular Biology*, **2001**, 177, 271-89	1.4	5
30	SRF Fusions Other Than With RELA Expand the Molecular Definition of SRF-fused Perivascular Tumors. *American Journal of Surgical Pathology*, **2020**, 44, 1725-1735	6.7	5
29	Neonatal Soft Tissue Sarcoma with YWHAE-NUTM2B Fusion. *Case Reports in Oncology*, **2019**, 12, 631-638	1	4
28	Osteoprotegerin inhibits bone resorption and prevents tumor development in a xenogenic model of Ewing's sarcoma by inhibiting RANKL. *Journal of Bone Oncology*, **2013**, 2, 95-104	4.5	4
27	EWS-FLI1 inhibits TNFalpha-induced NFkappaB-dependent transcription in Ewing sarcoma cells. *Biochemical and Biophysical Research Communications*, **2010**, 399, 705-10	3.4	4
26	Clear Cell Tumor With Melanocytic Differentiation and ACTIN-MITF Translocation: Report of 7 Cases of a Novel Entity. *American Journal of Surgical Pathology*, **2021**, 45, 962-968	6.7	4
25	Cutaneous Melanocytic Tumors With Concomitant NRASQ61R and IDH1R132C Mutations: A Report of 6 Cases. *American Journal of Surgical Pathology*, **2020**, 44, 1398-1405	6.7	4

24	Superficial CD34-positive fibroblastic tumor and PRDM10-rearranged soft tissue tumor are overlapping entities: a comprehensive study of 20 cases. *Histopathology*, **2021**, 79, 810-825	7.3	4
23	Abnormal vascularization of soft-tissue sarcomas on conventional MRI: Diagnostic and prognostic values. *European Journal of Radiology*, **2019**, 117, 112-119	4.7	3
22	Recurrent novel THBS1-ADGRF5 gene fusion in a new tumor subtype "Acral FibroChondroMyxoid Tumors". *Modern Pathology*, **2020**, 33, 1360-1368	9.8	3
21	GOPC-ROS1 mosaicism in agminated Spitz naevi: report of two cases. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2021**, 479, 559-564	5.1	3
20	Spitz nevus with a novel TFG-NTRK2 fusion: The first case report of NTRK2-rearranged Spitz/Reed nevus. *Journal of Cutaneous Pathology*, **2021**, 48, 1193-1196	1.7	3
19	Wholistic approach - transcriptomic analysis and beyond using archival material for molecular diagnosis.. *Genes Chromosomes and Cancer*, **2022**,	5	2
18	Morphologic features in a series of 352 Spitz melanocytic proliferations help predict their oncogenic drivers. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2021**, 480, 369	5.1	2
17	Low-frequency variation near common germline susceptibility loci are associated with risk of Ewing sarcoma. *PLoS ONE*, **2020**, 15, e0237792	3.7	2
16	Nodular Fasciitis With Malignant Morphology and a Fusion: A Case Report (of a 10-Year-old Boy). *International Journal of Surgical Pathology*, **2021**, 29, 642-647	1.2	2
15	RASGRF2 gene fusions identified in a variety of melanocytic lesions with distinct morphological features. *Pigment Cell and Melanoma Research*, **2021**, 34, 1074-1083	4.5	2
14	RASGRF1-rearranged Cutaneous Melanocytic Neoplasms With Spitzoid Cytomorphology: A Clinicopathologic and Genetic Study of 3 Cases. *American Journal of Surgical Pathology*, **2021**,	6.7	1
13	CIC-DUX4 expression drives the development of small round cell sarcoma in transgenic zebrafish: a new model revealing a role for ETV4 in CIC-mediated sarcomagenesis		1
12	Tocilizumab for the treatment of paraneoplastic inflammatory syndrome associated with angiomatoid fibrous histiocytoma. *ESMO Open*, **2020**, 5, e000756	6	1
11	ERG transcription factors have a splicing regulatory function involving RBFOX2 that is altered in the EWS-FLI1 oncogenic fusion. *Nucleic Acids Research*, **2021**, 49, 5038-5056	20.1	1
10	Aldehyde Dehydrogenase, a Therapeutic Target in Chordoma: Analysis in 3D Cellular Models. *Cells*, **2021**, 10,	7.9	1
9	Solid papillary mesothelial tumor. *Modern Pathology*, **2021**,	9.8	1
8	FNBP1-BRAF fusion in a primary melanoma of the lung. *Pathology*, **2021**, 53, 785-788	1.6	1
7	Agminated Spitz naevus with an activating HRAS Q61R mutation. *Pathology*, **2021**,	1.6	0

List of Publications

6 Biology of Ewing sarcoma **2015**, 245-255

5 Molecular aspects of Ewing sarcomas **2022**, 617-630

4 Low-frequency variation near common germline susceptibility loci are associated with risk of Ewing sarcoma **2020**, 15, e0237792

3 Low-frequency variation near common germline susceptibility loci are associated with risk of Ewing sarcoma **2020**, 15, e0237792

2 Low-frequency variation near common germline susceptibility loci are associated with risk of Ewing sarcoma **2020**, 15, e0237792

1 Low-frequency variation near common germline susceptibility loci are associated with risk of Ewing sarcoma **2020**, 15, e0237792