

# Marc-Henri Stern

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

114 papers	5,738 citations	42 h-index	74 g-index
132 ext. papers	6,827 ext. citations	8 avg, IF	5.05 L-index

#	Paper	IF	Citations
114	TET2 inactivation results in pleiotropic hematopoietic abnormalities in mouse and is a recurrent event during human lymphomagenesis. <i>Cancer Cell</i> , <b>2011</b> , 20, 25-38	24.3	653
113	Ploidy and large-scale genomic instability consistently identify basal-like breast carcinomas with BRCA1/2 inactivation. <i>Cancer Research</i> , <b>2012</b> , 72, 5454-62	10.1	340
112	SF3B1 mutations are associated with alternative splicing in uveal melanoma. <i>Cancer Discovery</i> , <b>2013</b> , 3, 1122-1129	24.4	282
111	Circulating tumor DNA as a non-invasive substitute to metastasis biopsy for tumor genotyping and personalized medicine in a prospective trial across all tumor types. <i>Molecular Oncology</i> , <b>2015</b> , 9, 783-90	7.9	200
110	Oxidative stress promotes myofibroblast differentiation and tumour spreading. <i>EMBO Molecular Medicine</i> , <b>2010</b> , 2, 211-30	12	200
109	Germline BAP1 mutations predispose to renal cell carcinomas. <i>American Journal of Human Genetics</i> , <b>2013</b> , 92, 974-80	11	188
108	Frequent PTEN genomic alterations and activated phosphatidylinositol 3-kinase pathway in basal-like breast cancer cells. <i>Breast Cancer Research</i> , <b>2008</b> , 10, R101	8.3	168
107	Genome Alteration Print (GAP): a tool to visualize and mine complex cancer genomic profiles obtained by SNP arrays. <i>Genome Biology</i> , <b>2009</b> , 10, R128	18.3	150
106	JUN oncogene amplification and overexpression block adipocytic differentiation in highly aggressive sarcomas. <i>Cancer Cell</i> , <b>2007</b> , 11, 361-74	24.3	146
105	Uveal melanoma. <i>Nature Reviews Disease Primers</i> , <b>2020</b> , 6, 24	51.1	143
104	Detection rate and prognostic value of circulating tumor cells and circulating tumor DNA in metastatic uveal melanoma. <i>International Journal of Cancer</i> , <b>2014</b> , 134, 1207-13	7.5	129
103	High frequency of TP53 mutation in BRCA1 and sporadic basal-like carcinomas but not in BRCA1 luminal breast tumors. <i>Cancer Research</i> , <b>2009</b> , 69, 663-71	10.1	119
102	Circulating tumor DNA and circulating tumor cells in metastatic triple negative breast cancer patients. <i>International Journal of Cancer</i> , <b>2015</b> , 136, 2158-65	7.5	115
101	Clinical potential of circulating tumour DNA in patients receiving anticancer immunotherapy. <i>Nature Reviews Clinical Oncology</i> , <b>2018</b> , 15, 639-650	19.4	108
100	Hybrid T cell receptor genes formed by interlocus recombination in normal and ataxia-telangiectasis lymphocytes. <i>Journal of Experimental Medicine</i> , <b>1990</b> , 172, 409-18	16.6	108
99	Patient-Specific Circulating Tumor DNA Detection during Neoadjuvant Chemotherapy in Triple-Negative Breast Cancer. <i>Clinical Chemistry</i> , <b>2017</b> , 63, 691-699	5.5	104
98	VAMP: visualization and analysis of array-CGH, transcriptome and other molecular profiles. <i>Bioinformatics</i> , <b>2006</b> , 22, 2066-73	7.2	104

97	Identification of Akt association and oligomerization domains of the Akt kinase coactivator TCL1. <i>Molecular and Cellular Biology</i> , <b>2002</b> , 22, 1513-25	4.8	82
96	The inactive X chromosome is epigenetically unstable and transcriptionally labile in breast cancer. <i>Genome Research</i> , <b>2015</b> , 25, 488-503	9.7	81
95	A complex pattern of recurrent chromosomal losses and gains in T-cell prolymphocytic leukemia. <i>Genes Chromosomes and Cancer</i> , <b>2001</b> , 31, 248-54	5	76
94	X inactive-specific transcript RNA coating and genetic instability of the X chromosome in BRCA1 breast tumors. <i>Cancer Research</i> , <b>2007</b> , 67, 5134-40	10.1	74
93	TCL1 oncogene expression in AIDS-related lymphomas and lymphoid tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 9809-14	11.5	73
92	Recurrent JAK1 and JAK3 somatic mutations in T-cell prolymphocytic leukemia. <i>Leukemia</i> , <b>2014</b> , 28, 417-9.7	10.7	70
91	Ovarian Cancers Harboring Inactivating Mutations in CDK12 Display a Distinct Genomic Instability Pattern Characterized by Large Tandem Duplications. <i>Cancer Research</i> , <b>2016</b> , 76, 1882-91	10.1	66
90	Outlier response to anti-PD1 in uveal melanoma reveals germline MBD4 mutations in hypermutated tumors. <i>Nature Communications</i> , <b>2018</b> , 9, 1866	17.4	65
89	Pyrophosphorolysis-activated polymerization detects circulating tumor DNA in metastatic uveal melanoma. <i>Clinical Cancer Research</i> , <b>2012</b> , 18, 3934-41	12.9	63
88	Clinical applications of circulating tumor DNA and circulating tumor cells in pancreatic cancer. <i>Molecular Oncology</i> , <b>2016</b> , 10, 481-93	7.9	61
87	MiR-30a-5p connects EWS-FLI1 and CD99, two major therapeutic targets in Ewing tumor. <i>Oncogene</i> , <b>2013</b> , 32, 3915-21	9.2	60
86	Metaplastic breast carcinomas display genomic and transcriptomic heterogeneity [corrected].. <i>Modern Pathology</i> , <b>2015</b> , 28, 340-51	9.8	56
85	Discovery of novel drug sensitivities in T-PLL by high-throughput ex vivo drug testing and mutation profiling. <i>Leukemia</i> , <b>2018</b> , 32, 774-787	10.7	56
84	The pleiotropic movement disorders phenotype of adult ataxia-telangiectasia. <i>Neurology</i> , <b>2014</b> , 83, 1087-95	10.5	54
83	Actionable perturbations of damage responses by TCL1/ATM and epigenetic lesions form the basis of T-PLL. <i>Nature Communications</i> , <b>2018</b> , 9, 697	17.4	51
82	Streamlined ion torrent PGM-based diagnostics: BRCA1 and BRCA2 genes as a model. <i>European Journal of Human Genetics</i> , <b>2014</b> , 22, 535-41	5.3	51
81	Germline mutation in the RAD51B gene confers predisposition to breast cancer. <i>BMC Cancer</i> , <b>2013</b> , 13, 484	4.8	49
80	Designs and challenges for personalized medicine studies in oncology: focus on the SHIVA trial. <i>Targeted Oncology</i> , <b>2012</b> , 7, 253-65	5	44

79	A whole-genome massively parallel sequencing analysis of BRCA1 mutant oestrogen receptor-negative and -positive breast cancers. <i>Journal of Pathology</i> , <b>2012</b> , 227, 29-41	9.4	44
78	Syntenic relationships between genomic profiles of fiber-induced murine and human malignant mesothelioma. <i>American Journal of Pathology</i> , <b>2011</b> , 178, 881-94	5.8	44
77	BRCAness, SLFN11, and RB1 loss predict response to topoisomerase I inhibitors in triple-negative breast cancers. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	43
76	Haploinsufficiency of CDKN1B contributes to leukemogenesis in T-cell prolymphocytic leukemia. <i>Blood</i> , <b>2008</b> , 111, 2321-8	2.2	43
75	Re: Evidence for an association between Chlamydia psittaci and ocular adnexal lymphomas. <i>Journal of the National Cancer Institute</i> , <b>2006</b> , 98, 365-6	9.7	43
74	Crystal structure of p14TCL1, an oncogene product involved in T-cell prolymphocytic leukemia, reveals a novel beta-barrel topology. <i>Structure</i> , <b>1998</b> , 6, 147-55	5.2	42
73	Solution structure and backbone dynamics of the pleckstrin homology domain of the human protein kinase B (PKB/Akt). Interaction with inositol phosphates. <i>Journal of Biomolecular NMR</i> , <b>2004</b> , 28, 137-55	3	42
72	Circulating Tumor Cells and Circulating Tumor DNA Detection in Potentially Resectable Metastatic Colorectal Cancer: A Prospective Ancillary Study to the Unicancer Prodige-14 Trial. <i>Cells</i> , <b>2019</b> , 8,	7.9	40
71	STAT3 mutations identified in human hematologic neoplasms induce myeloid malignancies in a mouse bone marrow transplantation model. <i>Haematologica</i> , <b>2013</b> , 98, 1748-52	6.6	40
70	Structural basis for the co-activation of protein kinase B by T-cell leukemia-1 (TCL1) family proto-oncoproteins. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 35890-902	5.4	40
69	Patient-derived xenografts recapitulate molecular features of human uveal melanomas. <i>Molecular Oncology</i> , <b>2013</b> , 7, 625-36	7.9	37
68	Genomic hallmarks of homologous recombination deficiency in invasive breast carcinomas. <i>International Journal of Cancer</i> , <b>2016</b> , 138, 891-900	7.5	34
67	Refined solution structure and backbone dynamics of 15N-labeled C12A-p8MTCP1 studied by NMR relaxation. <i>Journal of Biomolecular NMR</i> , <b>1999</b> , 15, 271-88	3	32
66	Evolutionary Routes in Metastatic Uveal Melanomas Depend on Alterations. <i>Clinical Cancer Research</i> , <b>2019</b> , 25, 5513-5524	12.9	31
65	Polarity gene alterations in pure invasive micropapillary carcinomas of the breast. <i>Breast Cancer Research</i> , <b>2014</b> , 16, R46	8.3	30
64	Histo-genomic stratification reveals the frequent amplification/overexpression of CCNE1 and BRD4 genes in non-BRCAness high grade ovarian carcinoma. <i>International Journal of Cancer</i> , <b>2015</b> , 137, 1890-900	7.5	29
63	Location of Mutation in Gene and Survival in Patients with Ovarian Cancer. <i>Clinical Cancer Research</i> , <b>2018</b> , 24, 326-333	12.9	28
62	Underexpression and abnormal localization of ATM products in ataxia telangiectasia patients bearing ATM missense mutations. <i>European Journal of Human Genetics</i> , <b>2012</b> , 20, 305-12	5.3	28

61	Multiple Hotspot Mutations Scanning by Single Droplet Digital PCR. <i>Clinical Chemistry</i> , <b>2018</b> , 64, 317-328	5.5	28
60	Pre-TCR expression cooperates with TEL-JAK2 to transform immature thymocytes and induce T-cell leukemia. <i>Blood</i> , <b>2007</b> , 109, 3972-81	2.2	27
59	Breast and ovarian cancer predisposition due to de novo BRCA1 and BRCA2 mutations. <i>Oncogene</i> , <b>2016</b> , 35, 1324-7	9.2	25
58	A common alternative splicing signature is associated with SF3B1 mutations in malignancies from different cell lineages. <i>Leukemia</i> , <b>2014</b> , 28, 1355-7	10.7	24
57	Solution structure of human p8MTCP1, a cysteine-rich protein encoded by the MTCP1 oncogene, reveals a new alpha-helical assembly motif. <i>Journal of Molecular Biology</i> , <b>1997</b> , 274, 801-15	6.5	23
56	Molecular characterization of different ataxia telangiectasia T-cell clones. I. A common breakpoint at the 14q11.2 band splits the T-cell receptor alpha-chain gene. <i>Human Genetics</i> , <b>1988</b> , 78, 33-6	6.3	22
55	Contribution of germline deleterious variants in the RAD51 paralogs to breast and ovarian cancers. <i>European Journal of Human Genetics</i> , <b>2017</b> , 25, 1345-1353	5.3	21
54	Molecular allelokaryotyping of T-cell prolymphocytic leukemia cells with high density single nucleotide polymorphism arrays identifies novel common genomic lesions and acquired uniparental disomy. <i>Haematologica</i> , <b>2009</b> , 94, 518-27	6.6	21
53	Micronuclei Frequency in Tumors Is a Predictive Biomarker for Genetic Instability and Sensitivity to the DNA Repair Inhibitor AsiDNA. <i>Cancer Research</i> , <b>2017</b> , 77, 4207-4216	10.1	20
52	Modulating BAP1 expression affects ROS homeostasis, cell motility and mitochondrial function. <i>Oncotarget</i> , <b>2017</b> , 8, 72513-72527	3.3	20
51	Backbone dynamics and solution structure refinement of the 15N-labeled human oncogenic protein p13MTCP1: comparison with X-ray data. <i>Journal of Biomolecular NMR</i> , <b>2000</b> , 17, 215-30	3	20
50	Germline MBD4 Mutations and Predisposition to Uveal Melanoma. <i>Journal of the National Cancer Institute</i> , <b>2021</b> , 113, 80-87	9.7	20
49	Recurrent molecular deletion of the 12p13 region, centromeric to ETV6/TEL, in T-cell prolymphocytic leukemia. <i>The Hematology Journal</i> , <b>2000</b> , 1, 42-7		19
48	Mutation in TTI2 reveals a role for triple T complex in human brain development. <i>Human Mutation</i> , <b>2013</b> , 34, 1472-6	4.7	18
47	Functional classification of ATM variants in ataxia-telangiectasia patients. <i>Human Mutation</i> , <b>2019</b> , 40, 1713-1730	4.7	17
46	The TCL1 oncoprotein inhibits activation-induced cell death by impairing PKCtheta and ERK pathways. <i>Blood</i> , <b>2007</b> , 110, 4406-16	2.2	17
45	Mapping of human chromosome 22 by in situ hybridization. <i>Genomics</i> , <b>1990</b> , 7, 319-24	4.3	17
44	High-Accuracy Determination of Microsatellite Instability Compatible with Liquid Biopsies. <i>Clinical Chemistry</i> , <b>2020</b> , 66, 606-613	5.5	16

43	A single droplet digital PCR for ESR1 activating mutations detection in plasma. <i>Oncogene</i> , <b>2020</b> , 39, 2987-2995	16
42	Upcoming translational challenges for uveal melanoma. <i>British Journal of Cancer</i> , <b>2015</b> , 113, 1249-53	8.7 16
41	Fertility defects revealing germline biallelic nonsense NBN mutations. <i>Human Mutation</i> , <b>2009</b> , 30, 424-30	4.7 14
40	JAK/STAT-Activating Genomic Alterations Are a Hallmark of T-PLL. <i>Cancers</i> , <b>2019</b> , 11,	6.6 14
39	Leukemic phase of follicular lymphomas: an atypical presentation. <i>Leukemia and Lymphoma</i> , <b>2011</b> , 52, 1504-8	1.9 12
38	Three new cases of ataxia-telangiectasia-like disorder: No impairment of the ATM pathway, but S-phase checkpoint defect. <i>Human Mutation</i> , <b>2019</b> , 40, 1690-1699	4.7 11
37	Breast and ovarian cancer risk management in a French cohort of 158 women carrying a BRCA1 or BRCA2 germline mutation: patient choices and outcome. <i>Familial Cancer</i> , <b>2012</b> , 11, 473-82	3 11
36	In vitro and in vivo effectiveness of arsenic trioxide against murine T-cell prolymphocytic leukaemia. <i>British Journal of Haematology</i> , <b>2002</b> , 117, 343-50	4.5 11
35	Molecular characterization of ataxia telangiectasia T cell clones. II. The clonal inv(14) in ataxia telangiectasia differs from the inv(14) in T cell lymphoma. <i>Human Genetics</i> , <b>1988</b> , 78, 316-9	6.3 11
34	The TCL1A oncoprotein interacts directly with the NF-kappaB inhibitor IkappaB. <i>PLoS ONE</i> , <b>2009</b> , 4, e65637	3.7 10
33	Solution structure of the recombinant human oncoprotein p13MTCP1. <i>Journal of Biomolecular NMR</i> , <b>1998</b> , 11, 337-54	3 10
32	Ultraviolet radiation drives mutations in a subset of mucosal melanomas. <i>Nature Communications</i> , <b>2021</b> , 12, 259	17.4 10
31	Circulating tumor DNA for triple-negative breast cancer diagnosis and treatment decisions. <i>Expert Review of Molecular Diagnostics</i> , <b>2016</b> , 16, 39-50	3.8 9
30	The MTCP1 oncogene modifies T-cell homeostasis before leukemogenesis in transgenic mice. <i>Leukemia</i> , <b>2007</b> , 21, 362-6	10.7 9
29	Genetic heterogeneity versus molecular analysis of prion susceptibility in neuroblastoma N2a sublines. <i>Archives of Virology</i> , <b>2008</b> , 153, 1693-702	2.6 9
28	Molecular characterization of ataxia telangiectasia T cell clones. III. Mapping the 14q32.1 distal breakpoint. <i>Human Genetics</i> , <b>1988</b> , 81, 18-22	6.3 9
27	Splicing Patterns in -Mutated Uveal Melanoma Generate Shared Immunogenic Tumor-Specific Neopeptides. <i>Cancer Discovery</i> , <b>2021</b> , 11, 1938-1951	24.4 9
26	Clinical Interest of Combining Transcriptomic and Genomic Signatures in High-Grade Serous Ovarian Cancer. <i>Frontiers in Genetics</i> , <b>2020</b> , 11, 219	4.5 8

25	Functional subdivision of HLA-DRw8 with influenza-specific cloned cell lines. <i>Immunogenetics</i> , <b>1985</b> , 22, 407-12	3.2	8
24	ART-DeCo: easy tool for detection and characterization of cross-contamination of DNA samples in diagnostic next-generation sequencing analysis. <i>European Journal of Human Genetics</i> , <b>2019</b> , 27, 792-800	5.3	7
23	Alternative origin of p13MTCP1-encoding transcripts in mature T-cell proliferations with t(X;14) translocations. <i>Oncogene</i> , <b>1997</b> , 15, 1329-35	9.2	7
22	First description of a sporadic breast cancer in a woman with BRCA1 germline mutation. <i>Oncotarget</i> , <b>2015</b> , 6, 35616-24	3.3	7
21	Genetic landscape of uveal melanoma. <i>Journal Francais DrOphtalmologie</i> , <b>2015</b> , 38, 522-5	0.8	6
20	Reinstated p53 response and high anti-T-cell leukemia activity by the novel alkylating deacetylase inhibitor tinostamustine. <i>Leukemia</i> , <b>2020</b> , 34, 2513-2518	10.7	6
19	Medullary Breast Carcinoma, a Triple-Negative Breast Cancer Associated with BCLG Overexpression. <i>American Journal of Pathology</i> , <b>2018</b> , 188, 2378-2391	5.8	6
18	Loss of heterozygosity at 13q13 and 14q32 predicts BRCA2 inactivation in luminal breast carcinomas. <i>International Journal of Cancer</i> , <b>2013</b> , 133, 2834-42	7.5	6
17	Chromosome 3 and 8q aberrations in Uveal Melanoma show greater impact on survival in patients with light iris versus dark iris color. <i>Ophthalmology</i> , <b>2021</b> ,	7.3	5
16	A DNA methylation-based liquid biopsy for triple-negative breast cancer. <i>Npj Precision Oncology</i> , <b>2021</b> , 5, 53	9.8	4
15	DNA repair functional analyses of NBN hypomorphic variants associated with NBN-related infertility. <i>Human Mutation</i> , <b>2020</b> , 41, 608-618	4.7	3
14	Definition of Biologically Distinct Groups of Conjunctival Melanomas According to Etiological Factors and Implications for Precision Medicine. <i>Cancers</i> , <b>2021</b> , 13,	6.6	3
13	Genetic alterations of SUGP1 mimic mutant-SF3B1 splice pattern in lung adenocarcinoma and other cancers. <i>Oncogene</i> , <b>2021</b> , 40, 85-96	9.2	3
12	TET2 Inactivation Results in Pleiotropic Hematopoietic Abnormalities in Mouse and Is a Recurrent Event during Human Lymphomagenesis. <i>Cancer Cell</i> , <b>2011</b> , 20, 276	24.3	2
11	Proteomic analysis of BRCA1-depleted cell line reveals a putative role for replication protein A2 up-regulation in BRCA1 breast tumor development. <i>Proteomics - Clinical Applications</i> , <b>2010</b> , 4, 489-98	3.1	2
10	Prospective validation in epithelial tumors of a gene expression predictor of liver metastasis derived from uveal melanoma. <i>Scientific Reports</i> , <b>2019</b> , 9, 17178	4.9	2
9	ShallowHRD: detection of homologous recombination deficiency from shallow whole genome sequencing. <i>Bioinformatics</i> , <b>2020</b> , 36, 3888-3889	7.2	2
8	Lack of evidence for CDK12 as an ovarian cancer predisposing gene. <i>Familial Cancer</i> , <b>2020</b> , 19, 203-209	3	1

7	Functional and conformational impact of cancer-associated mutations depends on the position and the charge of amino acid substitution. <i>Computational and Structural Biotechnology Journal</i> , <b>2021</b> , 19, 1361-1370	6.8	1
6	Circulating tumor DNA (ctDNA) in metastatic uveal melanoma (MUM): Correlation with outcome in 87 patients (pts) from Institut Curie. <i>Acta Ophthalmologica</i> , <b>2013</b> , 91, 0-0	3.7	0
5	Genomic amplification is not a frequent event in uveal melanomas. <i>American Journal of Pathology</i> , <b>2013</b> , 183, 638	5.8	
4	Molecular analysis of the mature T cell proliferation-1 (MTCP-1) gene in Xq28-linked incontinentia pigmenti. <i>European Journal of Human Genetics</i> , <b>2000</b> , 8, 239-40	5.3	
3	Subgroups of T-Cell Prolymphocytic Leukemia (T-PLL) Discovered By High-Throughput Ex Vivo Drug Testing and Genetic Profiling. <i>Blood</i> , <b>2015</b> , 126, 315-315	2.2	
2	Gene Expression and Alternative Splicing Datasets Analyses of MDS with Ring Sideroblasts Highlight Alternative Branchpoint Usage in Genes Involved in Iron Metabolism and Erythropoiesis. <i>Blood</i> , <b>2016</b> , 128, 1972-1972	2.2	
1	ATM Gene Mutation Detection Techniques and Functional Analysis. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1599, 25-42	1.4	