

# Alain Puisieux

## List of Publications by Citations

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115  
papers

11,099  
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44  
h-index

105  
g-index

132  
ext. papers

12,815  
ext. citations

9.4  
avg, IF

6.01  
L-index

#	Paper	IF	Citations
115	Metastasis: a question of life or death. <i>Nature Reviews Cancer</i> , <b>2006</b> , 6, 449-58	31.3	1290
114	Generation of breast cancer stem cells through epithelial-mesenchymal transition. <i>PLoS ONE</i> , <b>2008</b> , 3, e2888	3.7	1183
113	Oncogenic roles of EMT-inducing transcription factors. <i>Nature Cell Biology</i> , <b>2014</b> , 16, 488-94	23.4	669
112	Somatic and germline activating mutations of the ALK kinase receptor in neuroblastoma. <i>Nature</i> , <b>2008</b> , 455, 967-70	50.4	658
111	Induction of EMT by twist proteins as a collateral effect of tumor-promoting inactivation of premature senescence. <i>Cancer Cell</i> , <b>2008</b> , 14, 79-89	24.3	547
110	Regulatory T cells recruited through CCL22/CCR4 are selectively activated in lymphoid infiltrates surrounding primary breast tumors and lead to an adverse clinical outcome. <i>Cancer Research</i> , <b>2009</b> , 69, 2000-9	10.1	489
109	Guidelines and definitions for research on epithelial-mesenchymal transition. <i>Nature Reviews Molecular Cell Biology</i> , <b>2020</b> , 21, 341-352	48.7	469
108	p53 mutation in hepatocellular carcinoma after aflatoxin exposure. <i>Lancet, The</i> , <b>1991</b> , 338, 1356-9	40	387
107	Interleukin 17 acts in synergy with B cell-activating factor to influence B cell biology and the pathophysiology of systemic lupus erythematosus. <i>Nature Immunology</i> , <b>2009</b> , 10, 778-85	19.1	377
106	A switch in the expression of embryonic EMT-inducers drives the development of malignant melanoma. <i>Cancer Cell</i> , <b>2013</b> , 24, 466-80	24.3	352
105	Identification of BTG2, an antiproliferative p53-dependent component of the DNA damage cellular response pathway. <i>Nature Genetics</i> , <b>1996</b> , 14, 482-6	36.3	346
104	Real-time PCR based on SYBR-Green I fluorescence: an alternative to the TaqMan assay for a relative quantification of gene rearrangements, gene amplifications and micro gene deletions. <i>BMC Biotechnology</i> , <b>2003</b> , 3, 18	3.5	237
103	Impaired IFN- $\gamma$ production by plasmacytoid dendritic cells favors regulatory T-cell expansion that may contribute to breast cancer progression. <i>Cancer Research</i> , <b>2012</b> , 72, 5188-97	10.1	216
102	Oncogenic cooperation between H-Twist and N-Myc overrides failsafe programs in cancer cells. <i>Cancer Cell</i> , <b>2004</b> , 6, 625-30	24.3	208
101	p53 acts as a safeguard of translational control by regulating fibrillarin and rRNA methylation in cancer. <i>Cancer Cell</i> , <b>2013</b> , 24, 318-30	24.3	175
100	Pleiotropic Roles for ZEB1 in Cancer. <i>Cancer Research</i> , <b>2018</b> , 78, 30-35	10.1	153
99	EMT inducers catalyze malignant transformation of mammary epithelial cells and drive tumorigenesis towards claudin-low tumors in transgenic mice. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002723	6	139

98	Human telomeric position effect is determined by chromosomal context and telomeric chromatin integrity. <i>EMBO Reports</i> , <b>2002</b> , 3, 1055-61	6.5	139
97	Retinoblastoma and p53 tumor suppressor genes in human hepatoma cell lines. <i>FASEB Journal</i> , <b>1993</b> , 7, 1407-13	0.9	115
96	Netrin-1 acts as a survival factor for aggressive neuroblastoma. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, 833-47	16.6	96
95	Inactivation of TIF1gamma cooperates with Kras to induce cystic tumors of the pancreas. <i>PLoS Genetics</i> , <b>2009</b> , 5, e1000575	6	91
94	Expression of a non-functional p53 affects the sensitivity of cancer cells to gemcitabine. <i>International Journal of Cancer</i> , <b>2002</b> , 97, 439-45	7.5	84
93	Neurofibromatosis type 1 gene as a mutational target in a mismatch repair-deficient cell type. <i>Human Genetics</i> , <b>2003</b> , 112, 117-23	6.3	81
92	Alterations of anaphase-promoting complex genes in human colon cancer cells. <i>Oncogene</i> , <b>2003</b> , 22, 1486-90	9.2	81
91	A stemness-related ZEB1-MSRB3 axis governs cellular pliancy and breast cancer genome stability. <i>Nature Medicine</i> , <b>2017</b> , 23, 568-578	50.5	78
90	ZEB1-mediated melanoma cell plasticity enhances resistance to MAPK inhibitors. <i>EMBO Molecular Medicine</i> , <b>2016</b> , 8, 1143-1161	12	78
89	Copper isotope effect in serum of cancer patients. A pilot study. <i>Metallomics</i> , <b>2015</b> , 7, 299-308	4.5	74
88	Genomic Copy Number Profiling Using Circulating Free Tumor DNA Highlights Heterogeneity in Neuroblastoma. <i>Clinical Cancer Research</i> , <b>2016</b> , 22, 5564-5573	12.9	71
87	BTG gene expression in the p53-dependent and -independent cellular response to DNA damage <b>2000</b> , 27, 57-64		71
86	Mutational characterization of individual breast tumors: TP53 and PI3K pathway genes are frequently and distinctively mutated in different subtypes. <i>Breast Cancer Research and Treatment</i> , <b>2012</b> , 132, 29-39	4.4	70
85	Systematic mRNA analysis for the effect of MLH1 and MSH2 missense and silent mutations on aberrant splicing. <i>Human Mutation</i> , <b>2006</b> , 27, 145-54	4.7	70
84	Influence of Nucleoshuttling of the ATM Protein in the Healthy Tissues Response to Radiation Therapy: Toward a Molecular Classification of Human Radiosensitivity. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2016</b> , 94, 450-60	4	68
83	p53 as a target for anti-cancer drug development. <i>Critical Reviews in Oncology/Hematology</i> , <b>2006</b> , 58, 190-207	7	68
82	The CD10 enzyme is a key player to identify and regulate human mammary stem cells. <i>Stem Cells</i> , <b>2010</b> , 28, 1081-8	5.8	63
81	Methylome analysis reveals Jak-STAT pathway deregulation in putative breast cancer stem cells. <i>Epigenetics</i> , <b>2011</b> , 6, 428-39	5.7	59

80	BTG2(TIS21/PC3) induces neuronal differentiation and prevents apoptosis of terminally differentiated PC12 cells. <i>Oncogene</i> , <b>2002</b> , 21, 6772-78	9.2	59
79	Novel biallelic mutations in MSH6 and PMS2 genes: gene conversion as a likely cause of PMS2 gene inactivation. <i>Human Mutation</i> , <b>2007</b> , 28, 1084-90	4.7	56
78	Circulating MYCN DNA as a tumor-specific marker in neuroblastoma patients. <i>Cancer Research</i> , <b>2002</b> , 62, 3646-8	10.1	56
77	The human BTG2/TIS21/PC3 gene: genomic structure, transcriptional regulation and evaluation as a candidate tumor suppressor gene. <i>Gene</i> , <b>2002</b> , 282, 207-14	3.8	55
76	TWIST1 expression in breast cancer cells facilitates bone metastasis formation. <i>Journal of Bone and Mineral Research</i> , <b>2014</b> , 29, 1886-99	6.3	54
75	TWIST1 a new determinant of epithelial to mesenchymal transition in EGFR mutated lung adenocarcinoma. <i>PLoS ONE</i> , <b>2012</b> , 7, e29954	3.7	51
74	Cancer stem cells: the emerging challenge of drug targeting. <i>Current Medicinal Chemistry</i> , <b>2009</b> , 16, 394-416	4.5	50
73	Occurrence of fragmentation of free and combined forms of the beta-subunit of human chorionic gonadotropin. <i>Endocrinology</i> , <b>1990</b> , 126, 687-94	4.8	49
72	Cellular Pliancy and the Multistep Process of Tumorigenesis. <i>Cancer Cell</i> , <b>2018</b> , 33, 164-172	24.3	46
71	PLA2R1 mediates tumor suppression by activating JAK2. <i>Cancer Research</i> , <b>2013</b> , 73, 6334-45	10.1	43
70	Deregulation of TWIST-1 in the CD34+ compartment represents a novel prognostic factor in chronic myeloid leukemia. <i>Blood</i> , <b>2011</b> , 117, 1673-6	2.2	43
69	Epithelial-mesenchymal transition transcription factors and miRNAs: "Plastic surgeons" of breast cancer. <i>World Journal of Clinical Oncology</i> , <b>2014</b> , 5, 311-22	2.5	41
68	BMP4 regulation of human megakaryocytic differentiation is involved in thrombopoietin signaling. <i>Blood</i> , <b>2008</b> , 112, 3154-63	2.2	41
67	Structural probing of human lutropin using antibodies raised against synthetic peptides constructed by classical and multiple antigen peptide system approaches. <i>Molecular Immunology</i> , <b>1990</b> , 27, 363-8	4.3	40
66	CCR6/CCR10-mediated plasmacytoid dendritic cell recruitment to inflamed epithelia after instruction in lymphoid tissues. <i>Blood</i> , <b>2011</b> , 118, 5130-40	2.2	39
65	C. elegans homologue of the Caf1 gene, which encodes a subunit of the CCR4-NOT complex, is essential for embryonic and larval development and for meiotic progression. <i>Gene</i> , <b>2005</b> , 358, 73-81	3.8	37
64	Genome-wide analysis of gene expression in neuroblastomas detected by mass screening. <i>Cancer Letters</i> , <b>2005</b> , 225, 111-20	9.9	35
63	TWIST1 is a direct transcriptional target of MYCN and MYC in neuroblastoma. <i>Cancer Letters</i> , <b>2015</b> , 357, 412-418	9.9	34

62	A 13-gene expression-based radioresistance score highlights the heterogeneity in the response to radiation therapy across HPV-negative HNSCC molecular subtypes. <i>BMC Medicine</i> , <b>2017</b> , 15, 165	11.4	33
61	Characterization of a cleavage product in the human choriogonadotropin beta-subunit. <i>Biochemical and Biophysical Research Communications</i> , <b>1988</b> , 154, 626-32	3.4	33
60	Snail family members unequally trigger EMT and thereby differ in their ability to promote the neoplastic transformation of mammary epithelial cells. <i>PLoS ONE</i> , <b>2014</b> , 9, e92254	3.7	33
59	Effect of bortezomib on human neuroblastoma: analysis of molecular mechanisms involved in cytotoxicity. <i>Molecular Cancer</i> , <b>2008</b> , 7, 50	42.1	30
58	Protein chip array profiling analysis of sera from neuroblastoma patients. <i>Cancer Letters</i> , <b>2005</b> , 228, 91-69.9		30
57	Chfr inactivation is not associated to chromosomal instability in colon cancers. <i>Oncogene</i> , <b>2003</b> , 22, 8956-60	6.0	30
56	Bromohydrin pyrophosphate-stimulated Vgamma9delta2 T cells expanded ex vivo from patients with poor-prognosis neuroblastoma lyse autologous primary tumor cells. <i>Journal of Immunotherapy</i> , <b>2010</b> , 33, 591-8	5	28
55	Variants in the netrin-1 receptor UNC5C prevent apoptosis and increase risk of familial colorectal cancer. <i>Gastroenterology</i> , <b>2011</b> , 141, 2039-46	13.3	27
54	PLA2R1 kills cancer cells by inducing mitochondrial stress. <i>Free Radical Biology and Medicine</i> , <b>2013</b> , 65, 969-977	7.8	25
53	Polymorphisms and HNPCC: PMS2-MLH1 protein interactions diminished by single nucleotide polymorphisms. <i>Human Mutation</i> , <b>2002</b> , 19, 108-13	4.7	25
52	Immunological and classical subtypes of oral premalignant lesions. <i>Oncolmmunology</i> , <b>2018</b> , 7, e1496880	7.2	25
51	Sulfur isotope analysis by MC-ICP-MS and application to small medical samples. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2016</b> , 31, 1002-1011	3.7	24
50	ABCG2, a novel antigen to sort luminal progenitors of BRCA1- breast cancer cells. <i>Molecular Cancer</i> , <b>2014</b> , 13, 213	42.1	24
49	Determination of 17q gain in patients with neuroblastoma by analysis of circulating DNA. <i>Pediatric Blood and Cancer</i> , <b>2011</b> , 56, 757-61	3	24
48	Influence of neuroblastoma stage on serum-based detection of MYCN amplification. <i>Pediatric Blood and Cancer</i> , <b>2009</b> , 53, 329-31	3	24
47	Gadd45a activation protects melanoma cells from ultraviolet B-induced apoptosis. <i>Journal of Investigative Dermatology</i> , <b>2008</b> , 128, 196-202	4.3	24
46	Circulating MYCN DNA predicts MYCN-amplification in neuroblastoma. <i>Journal of Clinical Oncology</i> , <b>2005</b> , 23, 8919-20; author reply 8920	2.2	24
45	Failsafe program escape and EMT: a deleterious partnership. <i>Seminars in Cancer Biology</i> , <b>2011</b> , 21, 392-6	12.7	23

44	TIF1 $\beta$ suppresses tumor progression by regulating mitotic checkpoints and chromosomal stability. <i>Cancer Research</i> , <b>2015</b> , 75, 4335-50	10.1	22
43	Influence of p53 and p21(WAF1) expression on sensitivity of cancer cells to cladribine. <i>Biochemical Pharmacology</i> , <b>2003</b> , 65, 121-9	6	22
42	Mutational targets in colorectal cancer cells with microsatellite instability. <i>Familial Cancer</i> , <b>2006</b> , 5, 29-34	3	21
41	Absence of p53-dependent induction of the metastatic suppressor KAI1 gene after DNA damage. <i>Oncogene</i> , <b>2000</b> , 19, 2461-4	9.2	21
40	Tif1 $\beta$ s essential for the terminal differentiation of mammary alveolar epithelial cells and for lactation through SMAD4 inhibition. <i>Development (Cambridge)</i> , <b>2013</b> , 140, 167-75	6.6	20
39	Comprehensive characterization of claudin-low breast tumors reflects the impact of the cell-of-origin on cancer evolution. <i>Nature Communications</i> , <b>2020</b> , 11, 3431	17.4	20
38	Early origin of cancer metastases: dissemination and evolution of premalignant cells. <i>Cell Cycle</i> , <b>2008</b> , 7, 3659-63	4.7	19
37	Prognostic significance of urokinase plasminogen activator and plasminogen activator inhibitor-1 mRNA expression in lymph node- and hormone receptor-positive breast cancer. <i>BMC Cancer</i> , <b>2006</b> , 6, 216	4.8	19
36	The neurogene BTG2/TIS21/PC3 is transactivated by DeltaNp73alpha via p53 specifically in neuroblastoma cells. <i>Journal of Cell Science</i> , <b>2005</b> , 118, 1245-53	5.3	19
35	Intensity-dependent constitutional MLH1 promoter methylation leads to early onset of colorectal cancer by affecting both alleles. <i>Genes Chromosomes and Cancer</i> , <b>2011</b> , 50, 178-85	5	18
34	Splicing factor ratio as an index of epithelial-mesenchymal transition and tumor aggressiveness in breast cancer. <i>Oncotarget</i> , <b>2017</b> , 8, 2423-2436	3.3	18
33	Is the KAI1 metastasis suppressor gene a cellular target of p53? A review of current evidence. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 278, 499-502	3.4	15
32	Dynamics of MBD2 deposition across methylated DNA regions during malignant transformation of human mammary epithelial cells. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, 5838-54	20.1	14
31	Germline hMSH2 and hMLH1 gene mutations in incomplete HNPCC families. <i>International Journal of Cancer</i> , <b>1997</b> , 73, 831-6	7.5	14
30	Deciphering the molecular mechanisms underlying the binding of the TWIST1/E12 complex to regulatory E-box sequences. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, 5470-89	20.1	13
29	Role of epithelial-mesenchymal transition factors in the histogenesis of uterine carcinomas. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , <b>2019</b> , 475, 85-94	5.1	12
28	Modulation of oxidative stress by twist oncoproteins. <i>PLoS ONE</i> , <b>2013</b> , 8, e72490	3.7	12
27	Ribosomal RNA 2 $\beta$ -methylation as a novel layer of inter-tumour heterogeneity in breast cancer. <i>NAR Cancer</i> , <b>2020</b> , 2, zcaa036	5.2	12

26	Modulation of p36 gene expression in human neuronal cells. <i>Journal of the Neurological Sciences</i> , <b>1995</b> , 128, 122-33	3.2	11
25	EMT Transcription Factor ZEB1 Represses the Mutagenic POLEMediated End-Joining Pathway in Breast Cancers. <i>Cancer Research</i> , <b>2021</b> , 81, 1595-1606	10.1	11
24	UVB-induced G2 arrest of human melanocytes involves Cdc2 sequestration by Gadd45a in nuclear speckles. <i>Cell Cycle</i> , <b>2006</b> , 5, 1859-64	4.7	10
23	A p21/WAF1 mutation favors the appearance of drug resistance to paclitaxel in human noncancerous epithelial mammary cells. <i>International Journal of Cancer</i> , <b>2006</b> , 119, 60-6	7.5	9
22	Integrated analysis highlights APC11 protein expression as a likely new independent predictive marker for colorectal cancer. <i>Scientific Reports</i> , <b>2018</b> , 8, 7386	4.9	7
21	Interhelical loops within the bHLH domain are determinant in maintaining TWIST1-DNA complexes. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2014</b> , 32, 226-41	3.6	7
20	Weekly administration of paclitaxel induces long-term aneugenicity in nude mice. <i>Cancer Biology and Therapy</i> , <b>2007</b> , 6, 377-82	4.6	7
19	Upstream ORF affects MYCN translation depending on exon 1b alternative splicing. <i>BMC Cancer</i> , <b>2009</b> , 9, 445	4.8	6
18	CDYL2 Epigenetically Regulates MIR124 to Control NF- $\kappa$ B/STAT3-Dependent Breast Cancer Cell Plasticity. <i>iScience</i> , <b>2020</b> , 23, 101141	6.1	6
17	$\Pi$ -Tubulin is required for interphase microtubule dynamics in untransformed human mammary epithelial cells. <i>European Journal of Cell Biology</i> , <b>2011</b> , 90, 872-8	6.1	5
16	The Heterodimeric TWIST1-E12 Complex Drives the Oncogenic Potential of TWIST1 in Human Mammary Epithelial Cells. <i>Neoplasia</i> , <b>2016</b> , 18, 317-327	6.4	4
15	p21(Cip1) regulates cell-substrate adhesion and interphase microtubule dynamics in untransformed human mammary epithelial cells. <i>European Journal of Cell Biology</i> , <b>2011</b> , 90, 631-41	6.1	4
14	Cellular Plasticity: A Route to Senescence Exit and Tumorigenesis. <i>Cancers</i> , <b>2021</b> , 13,	6.6	4
13	ZEB1 transcription factor promotes immune escape in melanoma. <b>2022</b> , 10,		4
12	Biophysical properties of intermediate states of EMT outperform both epithelial and mesenchymal states		3
11	Quantifying local malignant adaptation in tissue-specific evolutionary trajectories by harnessing cancer $\beta$ repeatability at the genetic level. <i>Evolutionary Applications</i> , <b>2019</b> , 12, 1062-1075	4.8	2
10	Targeting of TP53-independent cell cycle checkpoints overcomes FOLFOX resistance in Metastatic Colorectal Cancer		2
9	Destabilization of the TWIST1/E12 complex dimerization following the R154P point-mutation of TWIST1: an in silico approach. <i>BMC Structural Biology</i> , <b>2017</b> , 17, 6	2.7	1

8	The cell-of-origin dictates the genomic landscape of breast cancers. <i>Molecular and Cellular Oncology</i> , <b>2017</b> , 4, e1338931	1.2	1
7	Zeb1 expression by tumor or stromal cells is associated with spatial distribution patterns of CD8+ tumor-infiltrating lymphocytes: a hypothesis-generating study on 113 triple negative breast cancers. <i>American Journal of Cancer Research</i> , <b>2020</b> , 10, 3370-3381	4.4	1
6	Rôle de la transition épithélio-mésenchymateuse au cours de la progression tumorale. <i>Bulletin De L'Académie Nationale De Médecine</i> , <b>2009</b> , 193, 2017-2034	0.1	1
5	Assessing Cell Activities rather than Identities to Interpret Intra-Tumor Phenotypic Diversity and Its Dynamics. <i>iScience</i> , <b>2020</b> , 23, 101061	6.1	1
4	Opposite Roles for ZEB1 and TMEJ in the Regulation of Breast Cancer Genome Stability. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 727429	5.7	1
3	Epithelial-to-mesenchymal transition promotes immune escape by inducing CD70 in non-small cell lung cancer.. <i>European Journal of Cancer</i> , <b>2022</b> , 169, 106-122	7.5	1
2	Low level of Fibrillarin, a ribosome biogenesis factor, is a new independent marker of poor outcome in breast cancer.. <i>BMC Cancer</i> , <b>2022</b> , 22, 526	4.8	0
1	Should we consider cancers as embryonic diseases or as consequences of stem-cell deregulation?. <i>Clinical Medicine Oncology</i> , <b>2008</b> , 2, 363-6		