Eric LetouzÃ©

List of Publications by Year
in descending order

81 papers	9,551 citations	76294 40 h-index	71651 76 g-index
85 all docs	85 docs citations	85 times ranked	14755 citing authors

#	Article	IF	Citations
1	Exome sequencing of hepatocellular carcinomas identifies new mutational signatures and potential therapeutic targets. Nature Genetics, 2015, 47, 505-511.	9.4	1,372
2	Integrated analysis of somatic mutations and focal copy-number changes identifies key genes and pathways in hepatocellular carcinoma. Nature Genetics, 2012, 44, 694-698.	9.4	1,229
3	SDH Mutations Establish a Hypermethylator Phenotype in Paraganglioma. Cancer Cell, 2013, 23, 739-752.	7.7	606
4	Integrated genomic characterization of adrenocortical carcinoma. Nature Genetics, 2014, 46, 607-612.	9.4	560
5	Histological subtypes of hepatocellular carcinoma are related to gene mutations and molecular tumour classification. Journal of Hepatology, 2017, 67, 727-738.	1.8	525
6	Recurrent AAV2-related insertional mutagenesis in human hepatocellular carcinomas. Nature Genetics, 2015, 47, 1187-1193.	9.4	387
7	DNA methylationâ€based prognosis and epidrivers in hepatocellular carcinoma. Hepatology, 2015, 61, 1945-1956.	3.6	367
8	EGFR as a potential therapeutic target for a subset of muscle-invasive bladder cancers presenting a basal-like phenotype. Science Translational Medicine, 2014, 6, 244ra91.	5.8	304
9	Molecular Classification of Hepatocellular Adenoma AssociatesÂWith Risk Factors, Bleeding, and Malignant Transformation. Gastroenterology, 2017, 152, 880-894.e6.	0.6	290
10	Genomic Profiling of Hepatocellular Adenomas Reveals Recurrent FRK-Activating Mutations and the Mechanisms of Malignant Transformation. Cancer Cell, 2014, 25, 428-441.	7.7	240
11	Mutational signatures reveal the dynamic interplay of risk factors and cellular processes during liver tumorigenesis. Nature Communications, 2017, 8, 1315.	5.8	228
12	Genotypeâ€phenotype correlation of CTNNB1 mutations reveals different ÃŸâ€catenin activity associated with liver tumor progression. Hepatology, 2016, 64, 2047-2061.	3.6	222
13	SDHB mutations are associated with response to temozolomide in patients with metastatic pheochromocytoma or paraganglioma. International Journal of Cancer, 2014, 135, 2711-2720.	2.3	155
14	Multi-omics analysis defines core genomic alterations in pheochromocytomas and paragangliomas. Nature Communications, 2015, 6, 6044.	5.8	153
15	Analysis of Liver Cancer Cell Lines Identifies Agents With Likely Efficacy Against Hepatocellular Carcinoma and Markers of Response. Gastroenterology, 2019, 157, 760-776.	0.6	141
16	Mutational signature analysis identifies <scp>MUTYH</scp> deficiency in colorectal cancers and adrenocortical carcinomas. Journal of Pathology, 2017, 242, 10-15.	2.1	130
17	Clinical Impact of Genomic Diversity From Early to Advanced Hepatocellular Carcinoma. Hepatology, 2020, 71, 164-182.	3.6	129
18	Somatic NF1 inactivation is a frequent event in sporadic pheochromocytoma. Human Molecular Genetics, 2012, 21, 5397-5405.	1.4	126

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19	Oncometabolitesâ€driven tumorigenesis: From genetics to targeted therapy. International Journal of Cancer, 2014, 135, 2237-2248.	2.3	119
20	Cyclin A2/E1 activation defines a hepatocellular carcinoma subclass with a rearrangement signature of replication stress. Nature Communications, 2018, 9, 5235.	5.8	118
21	Hepatitis B virus integrations promote local and distant oncogenic driver alterations in hepatocellular carcinoma. Gut, 2022, 71, 616-626.	6.1	106
22	Germline Mutations in the Mitochondrial 2-Oxoglutarate/Malate Carrier SLC25A11 Gene Confer a Predisposition to Metastatic Paragangliomas. Cancer Research, 2018, 78, 1914-1922.	0.4	96
23	CDKN2A homozygous deletion is associated with muscle invasion in FGFR3â€mutated urothelial bladder carcinoma. Journal of Pathology, 2012, 227, 315-324.	2.1	90
24	Compliance With Hepatocellular Carcinoma Surveillance Guidelines Associated With Increased Lead-Time Adjusted Survival of Patients With Compensated Viral Cirrhosis: A Multi-Center Cohort Study. Gastroenterology, 2018, 155, 431-442.e10.	0.6	81
25	Adeno-associated virus in the liver: natural history and consequences in tumour development. Gut, 2020, 69, 737-747.	6.1	78
26	A 17â€Betaâ€Hydroxysteroid Dehydrogenase 13 Variant Protects From Hepatocellular Carcinoma Development in Alcoholic Liver Disease. Hepatology, 2019, 70, 231-240.	3.6	75
27	Integrated multi-omics analysis of oligodendroglial tumours identifies three subgroups of 1p/19q co-deleted gliomas. Nature Communications, 2016, 7, 11263.	5.8	73
28	Transethnic, Genome-Wide Analysis Reveals Immune-Related Risk Alleles and Phenotypic Correlates in Pediatric Steroid-Sensitive Nephrotic Syndrome. Journal of the American Society of Nephrology: JASN, 2018, 29, 2000-2013.	3.0	72
29	PNPLA3 and TM6SF2 variants as risk factors of hepatocellular carcinoma across various etiologies and severity of underlying liver diseases. International Journal of Cancer, 2019, 144, 533-544.	2.3	72
30	Modular Î±-Helical Mimetics with Antiviral Activity against Respiratory Syncitial Virus. Journal of the American Chemical Society, 2006, 128, 13284-13289.	6.6	70
31	Recurrent inactivating mutations of ARID2 in nonâ€small cell lung carcinoma. International Journal of Cancer, 2013, 132, 2217-2221.	2.3	70
32	Unsuspected task for an old team: Succinate, fumarate and other Krebs cycle acids in metabolic remodeling. Biochimica Et Biophysica Acta - Bioenergetics, 2014, 1837, 1330-1337.	0.5	66
33	Contrast enhancement in 1p/19q-codeleted anaplastic oligodendrogliomas is associated with 9p loss, genomic instability, and angiogenic gene expression. Neuro-Oncology, 2014, 16, 662-670.	0.6	59
34	DNA Methylation Profiling in Pheochromocytoma and Paraganglioma Reveals Diagnostic and Prognostic Markers. Clinical Cancer Research, 2015, 21, 3020-3030.	3.2	53
35	Palimpsest: an R package for studying mutational and structural variant signatures along clonal evolution in cancer. Bioinformatics, 2018, 34, 3380-3381.	1.8	53
36	Deciphering the molecular basis of invasiveness in Sdhb-deficient cells. Oncotarget, 2015, 6, 32955-32965.	0.8	52

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37	Prognostic value of viral eradication for major adverse cardiovascular events in hepatitis C cirrhotic patients. American Heart Journal, 2018, 198, 4-17.	1.2	49
38	TET-Mediated Hypermethylation Primes SDH-Deficient Cells for HIF2Î±-Driven Mesenchymal Transition. Cell Reports, 2020, 30, 4551-4566.e7.	2.9	49
39	A high-risk retinoblastoma subtype with stemness features, dedifferentiated cone states and neuronal/ganglion cell gene expression. Nature Communications, 2021, 12, 5578.	5.8	45
40	Analysis of the copy number profiles of several tumor samples from the same patient reveals the successive steps in tumorigenesis. Genome Biology, 2010, 11, R76.	13.9	44
41	H3K27me3 conditions chemotolerance in triple-negative breast cancer. Nature Genetics, 2022, 54, 459-468.	9.4	44
42	Argininosuccinate synthase 1 and periportal gene expression in sonic hedgehog hepatocellular adenomas. Hepatology, 2018, 68, 964-976.	3.6	43
43	TCF12 is mutated in anaplastic oligodendroglioma. Nature Communications, 2015, 6, 7207.	5.8	42
44	SNP Array Profiling of Childhood Adrenocortical Tumors Reveals Distinct Pathways of Tumorigenesis and Highlights Candidate Driver Genes. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E1284-E1293.	1.8	41
45	Integrated Genomic Analysis Identifies Driver Genes and Cisplatin-Resistant Progenitor Phenotype in Pediatric Liver Cancer. Cancer Discovery, 2021, 11, 2524-2543.	7.7	41
46	XAF1 as a modifier of p53 function and cancer susceptibility. Science Advances, 2020, 6, eaba3231.	4.7	37
47	Common genetic variation in alcohol-related hepatocellular carcinoma: a case-control genome-wide association study. Lancet Oncology, The, 2022, 23, 161-171.	5.1	36
48	Dual origin of relapses in retinoic-acid resistant acute promyelocytic leukemia. Nature Communications, 2018, 9, 2047.	5.8	35
49	Wild-type AAV Insertions in Hepatocellular Carcinoma Do Not Inform Debate Over Genotoxicity Risk of Vectorized AAV. Molecular Therapy, 2016, 24, 660-661.	3.7	33
50	Extrahepatic cancers are the leading cause of death in patients achieving hepatitis B virus control or hepatitis C virus eradication. Hepatology, 2018, 68, 1245-1259.	3.6	33
51	Germline and somatic DICER1 mutations in familial and sporadic liver tumors. Journal of Hepatology, 2017, 66, 734-742.	1.8	31
52	APC germline hepatoblastomas demonstrate cisplatin-induced intratumor tertiary lymphoid structures. OncoImmunology, 2019, 8, e1583547.	2.1	31
53	Multi-site tumor sampling highlights molecular intra-tumor heterogeneity in malignant pleural mesothelioma. Genome Medicine, 2021, 13, 113.	3.6	31
54	KDM1A inactivation causes hereditary food-dependent Cushing syndrome. Genetics in Medicine, 2022, 24, 374-383.	1.1	27

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55	Loss of SDHB Promotes Dysregulated Iron Homeostasis, Oxidative Stress, and Sensitivity to Ascorbate. Cancer Research, 2021, 81, 3480-3494.	0.4	26
56	Hypermethylator Phenotype and Ectopic GIP Receptor in GNAS Mutation-Negative Somatotropinomas. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 1777-1787.	1.8	25
57	Mutational Processes in Hepatocellular Carcinoma: The Story of Aristolochic Acid. Seminars in Liver Disease, 2019, 39, 334-340.	1.8	24
58	HLA-D and PLA2R1 risk alleles associate with recurrent primary membranous nephropathy in kidney transplant recipients. Kidney International, 2021, 99, 671-685.	2.6	24
59	Deletion of Chromosomes 13q and 14q Is a Common Feature of Tumors with BRCA2 Mutations. PLoS ONE, 2012, 7, e52079.	1.1	20
60	DNA Methylation Signatures Reveal the Diversity of Processes Remodeling Hepatocellular Carcinoma Methylomes. Hepatology, 2021, 74, 816-834.	3.6	20
61	Recurrent chromosomal rearrangements of ROS1, FRK and IL6 activating JAK/STAT pathway in inflammatory hepatocellular adenomas. Gut, 2020, 69, 1667-1676.	6.1	17
62	Genomic and Transcriptomic Tumor Heterogeneity in Bilateral Retinoblastoma. JAMA Ophthalmology, 2020, 138, 569.	1.4	17
63	Bi-allelic hydroxymethylbilane synthase inactivation defines a homogenous clinico-molecular subtype of hepatocellular carcinoma. Journal of Hepatology, 2022, 77, 1038-1046.	1.8	17
64	Nonâ€virological factors are drivers of hepatocellular carcinoma in virosuppressed hepatitis B cirrhosis: Results of <scp>ANRS CO</scp>12 CirVir cohort. Journal of Viral Hepatitis, 2019, 26, 384-396.	1.0	16
65	Comprehensive characterization of viral integrations and genomic aberrations in HBVâ€infected intrahepatic cholangiocarcinomas. Hepatology, 2022, 75, 997-1011.	3.6	16
66	Systemic AA Amyloidosis Caused by Inflammatory Hepatocellular Adenoma. New England Journal of Medicine, 2018, 379, 1178-1180.	13.9	15
67	Identity by Descent Mapping of Founder Mutations in Cancer Using High-Resolution Tumor SNP Data. PLoS ONE, 2012, 7, e35897.	1.1	8
68	AAV2 and Hepatocellular Carcinoma. Human Gene Therapy, 2016, 27, 211-213.	1.4	8
69	Characterization of the transcriptional and metabolic responses of pediatric high grade gliomas to mTOR-HIF-1Î± axis inhibition. Oncotarget, 2017, 8, 71597-71617.	0.8	8
70	Detection of acquired TERT amplification in addition to predisposing p53 and Rb pathways alterations in EGFR-mutant lung adenocarcinomas transformed into small-cell lung cancers. Lung Cancer, 2022, 167, 98-106.	0.9	6
71	Combined tumor genomic profiling and exome sequencing in a breast cancer family implicates ATM in tumorigenesis: A proof of principle study. Genes Chromosomes and Cancer, 2017, 56, 788-799.	1.5	5
72	aCNViewer: Comprehensive genome-wide visualization of absolute copy number and copy neutral variations. PLoS ONE, 2017, 12, e0189334.	1.1	5

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73	Analysis of the copy number profiles of several tumor samples from the same patient reveals the successive steps in tumorigenesis. Genome Biology, 2010, 11, P25.	13.9	4
74	High-resolution analysis of DNA copy number alterations in rectal cancer. Strahlentherapie Und Onkologie, 2014, 190, 1028-1036.	1.0	4
75	PS-047-HSD17B13 loss of function variant protects from hepatocellular carcinoma developed on alcohol related liver disease. Journal of Hepatology, 2019, 70, e29-e30.	1.8	1
76	Whole Exome Analysis of Relapsing Patients with Acute Promyelocytic Leukemia. Blood, 2016, 128, 2892-2892.	0.6	1
77	Prognostic value of chromosomal imbalancies and the colon gene expression signatures in rectal cancer.. Journal of Clinical Oncology, 2012, 30, 465-465.	0.8	0
78	Abstract 5121: Acquired inactivating ARID2 mutations in lung non small cell carcinoma. , 2012, , .		0
79	Abstract 2973: Exome sequencing of 243 liver tumors identifies new mutational signatures and potential therapeutic targets. , 2015, , .		0
80	Abstract 919: Adeno-associated virus 2 (AAV2) induces recurrent insertional mutagenesis in human hepatocellular carcinomas. , 2015, , .		0
81	Structure, Dynamics, and Impact of Replication Stressâ€“Induced Structural Variants in Hepatocellular Carcinoma. Cancer Research, 2022, 82, 1470-1481.	0.4	0