

# Eric Letouz

## List of Publications by Year in Descending Order

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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.

77  
papers

6,574  
citations

36  
h-index

81  
g-index

85  
ext. papers

8,317  
ext. citations

12.1  
avg, IF

5.1  
L-index

#	Paper	IF	Citations
77	Common genetic variation in alcohol-related hepatocellular carcinoma: a case-control genome-wide association study.. <i>Lancet Oncology, The</i> , <b>2022</b> , 23, 161-171	21.7	1
76	Structure, Dynamics, and Impact of Replication Stress-Induced Structural Variants in Hepatocellular Carcinoma.. <i>Cancer Research</i> , <b>2022</b> , 82, 1470-1481	10.1	
75	H3K27me3 conditions chemotolerance in triple-negative breast cancer.. <i>Nature Genetics</i> , <b>2022</b> ,	36.3	5
74	KDM1A inactivation causes hereditary food-dependent Cushing syndrome.. <i>Genetics in Medicine</i> , <b>2021</b> ,	8.1	2
73	Integrated Genomic Analysis Identifies Driver Genes and Cisplatin-Resistant Progenitor Phenotype in Pediatric Liver Cancer. <i>Cancer Discovery</i> , <b>2021</b> , 11, 2524-2543	24.4	4
72	Loss of SDHB Promotes Dysregulated Iron Homeostasis, Oxidative Stress, and Sensitivity to Ascorbate. <i>Cancer Research</i> , <b>2021</b> , 81, 3480-3494	10.1	4
71	Multi-site tumor sampling highlights molecular intra-tumor heterogeneity in malignant pleural mesothelioma. <i>Genome Medicine</i> , <b>2021</b> , 13, 113	14.4	7
70	HLA-D and PLA2R1 risk alleles associate with recurrent primary membranous nephropathy in kidney transplant recipients. <i>Kidney International</i> , <b>2021</b> , 99, 671-685	9.9	10
69	Hepatitis B virus integrations promote local and distant oncogenic driver alterations in hepatocellular carcinoma. <i>Gut</i> , <b>2021</b> ,	19.2	29
68	DNA Methylation Signatures Reveal the Diversity of Processes Remodeling Hepatocellular Carcinoma Methyomes. <i>Hepatology</i> , <b>2021</b> , 74, 816-834	11.2	7
67	A high-risk retinoblastoma subtype with stemness features, dedifferentiated cone states and neuronal/ganglion cell gene expression. <i>Nature Communications</i> , <b>2021</b> , 12, 5578	17.4	5
66	Comprehensive characterization of viral integrations and genomic aberrations in HBV-infected intrahepatic cholangiocarcinomas. <i>Hepatology</i> , <b>2021</b> ,	11.2	1
65	Genomic and Transcriptomic Tumor Heterogeneity in Bilateral Retinoblastoma. <i>JAMA Ophthalmology</i> , <b>2020</b> , 138, 569-574	3.9	9
64	XAF1 as a modifier of p53 function and cancer susceptibility. <i>Science Advances</i> , <b>2020</b> , 6, eaba3231	14.3	14
63	Recurrent chromosomal rearrangements of , and activating JAK/STAT pathway in inflammatory hepatocellular adenomas. <i>Gut</i> , <b>2020</b> , 69, 1667-1676	19.2	8
62	Clinical Impact of Genomic Diversity From Early to Advanced Hepatocellular Carcinoma. <i>Hepatology</i> , <b>2020</b> , 71, 164-182	11.2	62
61	Adeno-associated virus in the liver: natural history and consequences in tumour development. <i>Gut</i> , <b>2020</b> , 69, 737-747	19.2	36

60	TET-Mediated Hypermethylation Primes SDH-Deficient Cells for HIF2 $\beta$ -Driven Mesenchymal Transition. <i>Cell Reports</i> , <b>2020</b> , 30, 4551-4566.e7	10.6	22
59	Mutational Processes in Hepatocellular Carcinoma: The Story of Aristolochic Acid. <i>Seminars in Liver Disease</i> , <b>2019</b> , 39, 334-340	7.3	14
58	A 17-Beta-Hydroxysteroid Dehydrogenase 13 Variant Protects From Hepatocellular Carcinoma Development in Alcoholic Liver Disease. <i>Hepatology</i> , <b>2019</b> , 70, 231-240	11.2	51
57	Hypermethylator Phenotype and Ectopic GIP Receptor in GNAS Mutation-Negative Somatotropinomas. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 1777-1787	5.6	10
56	germline hepatoblastomas demonstrate cisplatin-induced intratumor tertiary lymphoid structures. <i>Oncolmmunology</i> , <b>2019</b> , 8, e1583547	7.2	16
55	PS-047-HSD17B13 loss of function variant protects from hepatocellular carcinoma developed on alcohol related liver disease. <i>Journal of Hepatology</i> , <b>2019</b> , 70, e29-e30	13.4	1
54	Analysis of Liver Cancer Cell Lines Identifies Agents With Likely Efficacy Against Hepatocellular Carcinoma and Markers of Response. <i>Gastroenterology</i> , <b>2019</b> , 157, 760-776	13.3	77
53	Non-virological factors are drivers of hepatocellular carcinoma in virosuppressed hepatitis B cirrhosis: Results of ANRS CO12 CirVir cohort. <i>Journal of Viral Hepatitis</i> , <b>2019</b> , 26, 384-396	3.4	11
52	PNPLA3 and TM6SF2 variants as risk factors of hepatocellular carcinoma across various etiologies and severity of underlying liver diseases. <i>International Journal of Cancer</i> , <b>2019</b> , 144, 533-544	7.5	43
51	Extrahepatic cancers are the leading cause of death in patients achieving hepatitis B virus control or hepatitis C virus eradication. <i>Hepatology</i> , <b>2018</b> , 68, 1245-1259	11.2	19
50	Germline Mutations in the Mitochondrial 2-Oxoglutarate/Malate Carrier Gene Confer a Predisposition to Metastatic Paragangliomas. <i>Cancer Research</i> , <b>2018</b> , 78, 1914-1922	10.1	71
49	Prognostic value of viral eradication for major adverse cardiovascular events in hepatitis C cirrhotic patients. <i>American Heart Journal</i> , <b>2018</b> , 198, 4-17	4.9	37
48	Argininosuccinate synthase 1 and periportal gene expression in sonic hedgehog hepatocellular adenomas. <i>Hepatology</i> , <b>2018</b> , 68, 964-976	11.2	25
47	Compliance With Hepatocellular Carcinoma Surveillance Guidelines Associated With Increased Lead-Time Adjusted Survival of Patients With Compensated Viral Cirrhosis: A Multi-Center Cohort Study. <i>Gastroenterology</i> , <b>2018</b> , 155, 431-442.e10	13.3	53
46	Transethnic, Genome-Wide Analysis Reveals Immune-Related Risk Alleles and Phenotypic Correlates in Pediatric Steroid-Sensitive Nephrotic Syndrome. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2018</b> , 29, 2000-2013	12.7	41
45	Cyclin A2/E1 activation defines a hepatocellular carcinoma subclass with a rearrangement signature of replication stress. <i>Nature Communications</i> , <b>2018</b> , 9, 5235	17.4	73
44	Systemic AA Amyloidosis Caused by Inflammatory Hepatocellular Adenoma. <i>New England Journal of Medicine</i> , <b>2018</b> , 379, 1178-1180	59.2	10
43	Dual origin of relapses in retinoic-acid resistant acute promyelocytic leukemia. <i>Nature Communications</i> , <b>2018</b> , 9, 2047	17.4	23

42	Palimpsest: an R package for studying mutational and structural variant signatures along clonal evolution in cancer. <i>Bioinformatics</i> , <b>2018</b> , 34, 3380-3381	7.2	26
41	Mutational signature analysis identifies MUTYH deficiency in colorectal cancers and adrenocortical carcinomas. <i>Journal of Pathology</i> , <b>2017</b> , 242, 10-15	9.4	89
40	Histological subtypes of hepatocellular carcinoma are related to gene mutations and molecular tumour classification. <i>Journal of Hepatology</i> , <b>2017</b> , 67, 727-738	13.4	302
39	Germline and somatic DICER1 mutations in familial and sporadic liver tumors. <i>Journal of Hepatology</i> , <b>2017</b> , 66, 734-742	13.4	25
38	Molecular Classification of Hepatocellular Adenoma Associates With Risk Factors, Bleeding, and Malignant Transformation. <i>Gastroenterology</i> , <b>2017</b> , 152, 880-894.e6	13.3	198
37	aCNViewer: Comprehensive genome-wide visualization of absolute copy number and copy neutral variations. <i>PLoS ONE</i> , <b>2017</b> , 12, e0189334	3.7	3
36	Combined tumor genomic profiling and exome sequencing in a breast cancer family implicates ATM in tumorigenesis: A proof of principle study. <i>Genes Chromosomes and Cancer</i> , <b>2017</b> , 56, 788-799	5	4
35	Mutational signatures reveal the dynamic interplay of risk factors and cellular processes during liver tumorigenesis. <i>Nature Communications</i> , <b>2017</b> , 8, 1315	17.4	135
34	Characterization of the transcriptional and metabolic responses of pediatric high grade gliomas to mTOR-HIF-1 $\alpha$ inhibition. <i>Oncotarget</i> , <b>2017</b> , 8, 71597-71617	3.3	6
33	Integrated multi-omics analysis of oligodendroglial tumours identifies three subgroups of 1p/19q co-deleted gliomas. <i>Nature Communications</i> , <b>2016</b> , 7, 11263	17.4	55
32	AAV2 and Hepatocellular Carcinoma. <i>Human Gene Therapy</i> , <b>2016</b> , 27, 211-3	4.8	6
31	Whole Exome Analysis of Relapsing Patients with Acute Promyelocytic Leukemia. <i>Blood</i> , <b>2016</b> , 128, 2892-2892	2892	1
30	Genotype-phenotype correlation of CTNNB1 mutations reveals different Eatenin activity associated with liver tumor progression. <i>Hepatology</i> , <b>2016</b> , 64, 2047-2061	11.2	144
29	Wild-type AAV Insertions in Hepatocellular Carcinoma Do Not Inform Debate Over Genotoxicity Risk of Vectorized AAV. <i>Molecular Therapy</i> , <b>2016</b> , 24, 660-1	11.7	27
28	DNA Methylation Profiling in Pheochromocytoma and Paraganglioma Reveals Diagnostic and Prognostic Markers. <i>Clinical Cancer Research</i> , <b>2015</b> , 21, 3020-30	12.9	44
27	Exome sequencing of hepatocellular carcinomas identifies new mutational signatures and potential therapeutic targets. <i>Nature Genetics</i> , <b>2015</b> , 47, 505-511	36.3	956
26	Multi-omics analysis defines core genomic alterations in pheochromocytomas and paragangliomas. <i>Nature Communications</i> , <b>2015</b> , 6, 6044	17.4	120
25	Recurrent AAV2-related insertional mutagenesis in human hepatocellular carcinomas. <i>Nature Genetics</i> , <b>2015</b> , 47, 1187-93	36.3	290

24	TCF12 is mutated in anaplastic oligodendroglioma. <i>Nature Communications</i> , <b>2015</b> , 6, 7207	17.4	32
23	DNA methylation-based prognosis and epdrivers in hepatocellular carcinoma. <i>Hepatology</i> , <b>2015</b> , 61, 1945-56	11.2	237
22	Deciphering the molecular basis of invasiveness in Sdhb-deficient cells. <i>Oncotarget</i> , <b>2015</b> , 6, 32955-65	3.3	44
21	Unsuspected task for an old team: succinate, fumarate and other Krebs cycle acids in metabolic remodeling. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2014</b> , 1837, 1330-7	4.6	53
20	Genomic profiling of hepatocellular adenomas reveals recurrent FRK-activating mutations and the mechanisms of malignant transformation. <i>Cancer Cell</i> , <b>2014</b> , 25, 428-41	24.3	198
19	Integrated genomic characterization of adrenocortical carcinoma. <i>Nature Genetics</i> , <b>2014</b> , 46, 607-12	36.3	423
18	Oncometabolites-driven tumorigenesis: From genetics to targeted therapy. <i>International Journal of Cancer</i> , <b>2014</b> , 135, 2237-48	7.5	99
17	High-resolution analysis of DNA copy number alterations in rectal cancer: correlation with metastasis, survival, and mRNA expression. <i>Strahlentherapie Und Onkologie</i> , <b>2014</b> , 190, 1028-36	4.3	3
16	SDHB mutations are associated with response to temozolomide in patients with metastatic pheochromocytoma or paraganglioma. <i>International Journal of Cancer</i> , <b>2014</b> , 135, 2711-20	7.5	110
15	EGFR as a potential therapeutic target for a subset of muscle-invasive bladder cancers presenting a basal-like phenotype. <i>Science Translational Medicine</i> , <b>2014</b> , 6, 244ra91	17.5	202
14	Contrast enhancement in 1p/19q-codeleted anaplastic oligodendrogliomas is associated with 9p loss, genomic instability, and angiogenic gene expression. <i>Neuro-Oncology</i> , <b>2014</b> , 16, 662-70	1	55
13	SDH mutations establish a hypermethylator phenotype in paraganglioma. <i>Cancer Cell</i> , <b>2013</b> , 23, 739-52	24.3	492
12	Recurrent inactivating mutations of ARID2 in non-small cell lung carcinoma. <i>International Journal of Cancer</i> , <b>2013</b> , 132, 2217-21	7.5	62
11	Integrated analysis of somatic mutations and focal copy-number changes identifies key genes and pathways in hepatocellular carcinoma. <i>Nature Genetics</i> , <b>2012</b> , 44, 694-8	36.3	996
10	Identity by descent mapping of founder mutations in cancer using high-resolution tumor SNP data. <i>PLoS ONE</i> , <b>2012</b> , 7, e35897	3.7	8
9	Deletion of chromosomes 13q and 14q is a common feature of tumors with BRCA2 mutations. <i>PLoS ONE</i> , <b>2012</b> , 7, e52079	3.7	10
8	CDKN2A homozygous deletion is associated with muscle invasion in FGFR3-mutated urothelial bladder carcinoma. <i>Journal of Pathology</i> , <b>2012</b> , 227, 315-24	9.4	64
7	Somatic NF1 inactivation is a frequent event in sporadic pheochromocytoma. <i>Human Molecular Genetics</i> , <b>2012</b> , 21, 5397-405	5.6	111

6	SNP array profiling of childhood adrenocortical tumors reveals distinct pathways of tumorigenesis and highlights candidate driver genes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2012</b> , 97, E1284-93	56	33
5	Analysis of the copy number profiles of several tumor samples from the same patient reveals the successive steps in tumorigenesis. <i>Genome Biology</i> , <b>2010</b> , 11, R76	18.3	38
4	Analysis of the copy number profiles of several tumor samples from the same patient reveals the successive steps in tumorigenesis <b>2010</b> , 11, P25		3
3	Modular alpha-helical mimetics with antiviral activity against respiratory syncytial virus. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 13284-9	16.4	64
2	MS.liverK: an R package for transcriptome-based computation of molecular subtypes and functional signatures in liver cancer		2
1	H3K27me3 is a determinant of chemotolerance in triple-negative breast cancer		1