Kevin Litchfield

List of Publications by Year
in descending order

43 papers	6,068 citations	147726 31 h-index	254106 43 g-index
50 all docs	50 docs citations	50 times ranked	10737 citing authors

#	Article	IF	Citations
1	Insertion-and-deletion-derived tumour-specific neoantigens and the immunogenic phenotype: a pan-cancer analysis. Lancet Oncology, The, 2017, 18, 1009-1021.	5.1	716
2	Tracking Cancer Evolution Reveals Constrained Routes to Metastases: TRACERx Renal. Cell, 2018, 173, 581-594.e12.	13.5	609
3	Meta-analysis of tumor- and T cell-intrinsic mechanisms of sensitization to checkpoint inhibition. Cell, 2021, 184, 596-614.e14.	13.5	485
4	Deterministic Evolutionary Trajectories Influence Primary Tumor Growth: TRACERx Renal. Cell, 2018, 173, 595-610.e11.	13.5	472
5	Fc Effector Function Contributes to the Activity of Human Anti-CTLA-4 Antibodies. Cancer Cell, 2018, 33, 649-663.e4.	7.7	448
6	Timing the Landmark Events in the Evolution of Clear Cell Renal Cell Cancer: TRACERx Renal. Cell, 2018, 173, 611-623.e17.	13.5	398
7	Association Between Telomere Length and Risk of Cancer and Non-Neoplastic Diseases. JAMA Oncology, 2017, 3, 636.	3.4	376
8	UVB-Induced Tumor Heterogeneity Diminishes Immune Response in Melanoma. Cell, 2019, 179, 219-235.e21.	13.5	270
9	Pervasive chromosomal instability and karyotype order in tumour evolution. Nature, 2020, 587, 126-132.	13.7	221
10	Whole-exome sequencing reveals the mutational spectrum of testicular germ cell tumours. Nature Communications, 2015, 6, 5973.	5.8	161
11	Genomic evolution and chemoresistance in germ-cell tumours. Nature, 2016, 540, 114-118.	13.7	139
12	Metastasis and Immune Evasion from Extracellular cGAMP Hydrolysis. Cancer Discovery, 2021, 11, 1212-1227.	7.7	139
13	Determinants of anti-PD-1 response and resistance in clear cell renal cell carcinoma. Cancer Cell, 2021, 39, 1497-1518.e11.	7.7	126
14	Identification of 19 new risk loci and potential regulatory mechanisms influencing susceptibility to testicular germ cell tumor. Nature Genetics, 2017, 49, 1133-1140.	9.4	120
15	Cancer evolution: Darwin and beyond. EMBO Journal, 2021, 40, e108389.	3.5	118
16	Meta-analysis of five genome-wide association studies identifies multiple new loci associated with testicular germ cell tumor. Nature Genetics, 2017, 49, 1141-1147.	9.4	105
17	Germ line mutations in shelterin complex genes are associated with familial chronic lymphocytic leukemia. Blood, 2016, 128, 2319-2326.	0.6	90
18	The genomic landscape of testicular germ cell tumours: from susceptibility to treatment. Nature Reviews Urology, 2016, 13, 409-419.	1.9	83

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19	Tracking Cancer Evolution through the Disease Course. Cancer Discovery, 2021, 11, 916-932.	7.7	77
20	9p21 loss confers a cold tumor immune microenvironment and primary resistance to immune checkpoint therapy. Nature Communications, 2021, 12, 5606.	5.8	76
21	A clonal expression biomarker associates with lung cancer mortality. Nature Medicine, 2019, 25, 1540-1548.	15.2	75
22	The T cell differentiation landscape is shaped by tumour mutations in lung cancer. Nature Cancer, 2020, 1, 546-561.	5.7	74
23	Escape from nonsense-mediated decay associates with anti-tumor immunogenicity. Nature Communications, 2020, 11, 3800.	5.8	61
24	Quantifying the heritability of testicular germ cell tumour using both population-based and genomic approaches. Scientific Reports, 2015, 5, 13889.	1.6	55
25	Large-scale Sequencing of Testicular Germ Cell Tumour (TGCT) Cases Excludes Major TGCT Predisposition Gene. European Urology, 2018, 73, 828-831.	0.9	54
26	Selection of metastasis competent subclones in the tumour interior. Nature Ecology and Evolution, 2021, 5, 1033-1045.	3.4	50
27	Promoter capture Hi-C-based identification of recurrent noncoding mutations in colorectal cancer. Nature Genetics, 2018, 50, 1375-1380.	9.4	49
28	Intratumor heterogeneity reflects clinical disease course. Nature Cancer, 2020, 1, 3-6.	5.7	44
29	Genomic landscape of platinum resistant and sensitive testicular cancers. Nature Communications, 2020, 11, 2189.	5.8	43
30	Identification of four new susceptibility loci for testicular germ cell tumour. Nature Communications, 2015, 6, 8690.	5.8	36
31	Using DNA sequencing data to quantify T cell fraction and therapy response. Nature, 2021, 597, 555-560.	13.7	36
32	Abstract CT023: Phylogenetic tracking and minimal residual disease detection using ctDNA in early-stage NSCLC: A lung TRACERx study. Cancer Research, 2020, 80, CT023-CT023.	0.4	36
33	Rare disruptive mutations in ciliary function genes contribute to testicular cancer susceptibility. Nature Communications, 2016, 7, 13840.	5.8	32
34	Multi-stage genome-wide association study identifies new susceptibility locus for testicular germ cell tumour on chromosome 3q25. Human Molecular Genetics, 2015, 24, 1169-1176.	1.4	31
35	Spatial patterns of tumour growth impact clonal diversification in a computational model and the TRACERx Renal study. Nature Ecology and Evolution, 2022, 6, 88-102.	3.4	30
36	Pathway-based analysis of GWAs data identifies association of sex determination genes with susceptibility to testicular germ cell tumors. Human Molecular Genetics, 2014, 23, 6061-6068.	1.4	28

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37	Tumour mutational burden: primary versus metastatic tissue creates systematic bias. Immuno-Oncology Technology, 2019, 4, 8-14.	0.2	26
38	Large-scale Analysis Demonstrates Familial Testicular Cancer to have Polygenic Aetiology. European Urology, 2018, 74, 248-252.	0.9	20
39	Implementation of genome-wide complex trait analysis to quantify the heritability in multiple myeloma. Scientific Reports, 2015, 5, 12473.	1.6	16
40	The GENIE Is Out of the Bottle: Landmark Cancer Genomics Dataset Released. Cancer Discovery, 2017, 7, 796-798.	7.7	14
41	Polygenic susceptibility to testicular cancer: implications for personalised health care. British Journal of Cancer, 2015, 113, 1512-1518.	2.9	10
42	Validation of loci at 2q14.2 and 15q21.3 as risk factors for testicular cancer. Oncotarget, 2018, 9, 12630-12638.	0.8	8
43	E3 ubiquitin ligase HECTD2 mediates melanoma progression and immune evasion. Oncogene, 2021, 40, 5567-5578.	2.6	3