

Eric Talevich

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,780
citations

394286

19
h-index

580701

25
g-index

29
all docs

29
docs citations

29
times ranked

9813
citing authors

#	ARTICLE	IF	CITATIONS
1	CNVkit: Genome-Wide Copy Number Detection and Visualization from Targeted DNA Sequencing. PLoS Computational Biology, 2016, 12, e1004873.	1.5	1,260
2	The Genetic Evolution of Melanoma from Precursor Lesions. New England Journal of Medicine, 2015, 373, 1926-1936.	13.9	824
3	Exome sequencing of desmoplastic melanoma identifies recurrent NFKBIE promoter mutations and diverse activating mutations in the MAPK pathway. Nature Genetics, 2015, 47, 1194-1199.	9.4	221
4	Global Analysis of Protein Expression and Phosphorylation of Three Stages of <i>Plasmodium falciparum</i> Intraerythrocytic Development. Journal of Proteome Research, 2013, 12, 4028-4045.	1.8	161
5	Targeted next-generation sequencing of pediatric neuro-oncology patients improves diagnosis, identifies pathogenic germline mutations, and directs targeted therapy. Neuro-Oncology, 2017, 19, now254.	0.6	155
6	Activating MET kinase rearrangements in melanoma and Spitz tumours. Nature Communications, 2015, 6, 7174.	5.8	139
7	Bio.Phylo: A unified toolkit for processing, analyzing and visualizing phylogenetic trees in Biopython. BMC Bioinformatics, 2012, 13, 209.	1.2	117
8	Genomic profiling of malignant peritoneal mesothelioma reveals recurrent alterations in epigenetic regulatory genes BAP1, SETD2, and DDX3X. Modern Pathology, 2017, 30, 246-254.	2.9	95
9	Structural and evolutionary divergence of eukaryotic protein kinases in Apicomplexa. BMC Evolutionary Biology, 2011, 11, 321.	3.2	83
10	Genomic profiling of combined hepatocellular-cholangiocarcinoma reveals similar genetics to hepatocellular carcinoma. Journal of Pathology, 2019, 248, 164-178.	2.1	82
11	Adenomatoid tumors of the male and female genital tract are defined by TRAF7 mutations that drive aberrant NF- κ B pathway activation. Modern Pathology, 2018, 31, 660-673.	2.9	76
12	Structural and evolutionary adaptation of rhoptry kinases and pseudokinases, a family of coccidian virulence factors. BMC Evolutionary Biology, 2013, 13, 117.	3.2	74
13	Genomic profiling of breast secretory carcinomas reveals distinct genetics from other breast cancers and similarity to mammary analog secretory carcinomas. Modern Pathology, 2017, 30, 1086-1099.	2.9	63
14	Genetic Heterogeneity of BRAF Fusion Kinases in Melanoma Affects Drug Responses. Cell Reports, 2019, 29, 573-588.e7.	2.9	62
15	A recurrent kinase domain mutation in PRKCA defines chordoid glioma of the third ventricle. Nature Communications, 2018, 9, 810.	5.8	56
16	Genomic profiling of malignant phyllodes tumors reveals aberrations in FGFR1 and PI-3 kinase/RAS signaling pathways and provides insights into intratumoral heterogeneity. Modern Pathology, 2016, 29, 1012-1027.	2.9	54
17	An evolutionary perspective on the kinome of malaria parasites. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 2607-2618.	1.8	53
18	ProKinO: A Unified Resource for Mining the Cancer Kinome. Human Mutation, 2015, 36, 175-186.	1.1	47

#	ARTICLE	IF	CITATIONS
19	Gene Copy Number Estimation from Targeted Next-Generation Sequencing of Prostate Cancer Biopsies: Analytic Validation and Clinical Qualification. <i>Clinical Cancer Research</i> , 2017, 23, 6070-6077.	3.2	30
20	Prediction and Prioritization of Rare Oncogenic Mutations in the Cancer Kinome Using Novel Features and Multiple Classifiers. <i>PLoS Computational Biology</i> , 2014, 10, e1003545.	1.5	23
21	Correlation Between Surrogate End Points and Overall Survival in a Multi-institutional Clinicogenomic Cohort of Patients With Nonâ€“Small Cell Lung or Colorectal Cancer. <i>JAMA Network Open</i> , 2021, 4, e2117547.	2.8	20
22	Detection of cryptogenic malignancies from metagenomic whole genome sequencing of body fluids. <i>Genome Medicine</i> , 2021, 13, 98.	3.6	16
23	Co-Conserved Features Associated with cis Regulation of ErbB Tyrosine Kinases. <i>PLoS ONE</i> , 2010, 5, e14310.	1.1	14
24	Detection of Neoplasms by Metagenomic Next-Generation Sequencing of Cerebrospinal Fluid. <i>JAMA Neurology</i> , 2021, 78, 1355.	4.5	14
25	The tumor suppressor <scp>BAP</scp>1 cooperates with <scp>BRAFV</scp>600E to promote tumor formation in cutaneous melanoma. <i>Pigment Cell and Melanoma Research</i> , 2019, 32, 269-279.	1.5	9