

Erica K Barnell

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,026
citations

840776

11
h-index

677142

22
g-index

38
all docs

38
docs citations

38
times ranked

2710
citing authors

#	ARTICLE	IF	CITATIONS
1	CIViC is a community knowledgebase for expert crowdsourcing the clinical interpretation of variants in cancer. <i>Nature Genetics</i> , 2017, 49, 170-174.	21.4	460
2	Neoadjuvant and Adjuvant Pembrolizumab in Resectable Locally Advanced, Human Papillomavirus-Related Head and Neck Cancer: A Multicenter, Phase II Trial. <i>Clinical Cancer Research</i> , 2020, 26, 5140-5152.	7.0	163
3	Standard operating procedure for somatic variant refinement of sequencing data with paired tumor and normal samples. <i>Genetics in Medicine</i> , 2019, 21, 972-981.	2.4	67
4	A Phase II Trial of Neoadjuvant MK-2206, an AKT Inhibitor, with Anastrozole in Clinical Stage II or III PIK3CA-Mutant ER-Positive and HER2-Negative Breast Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 6823-6832.	7.0	66
5	A deep learning approach to automate refinement of somatic variant calling from cancer sequencing data. <i>Nature Genetics</i> , 2018, 50, 1735-1743.	21.4	62
6	Environmental Enteric Dysfunction Includes a Broad Spectrum of Inflammatory Responses and Epithelial Repair Processes. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2016, 2, 158-174.e1.	4.5	58
7	Oral Cavity Squamous Cell Carcinoma Xenografts Retain Complex Genotypes and Intertumor Molecular Heterogeneity. <i>Cell Reports</i> , 2018, 24, 2167-2178.	6.4	26
8	A Spontaneous Aggressive ER ⁺ Mammary Tumor Model Is Driven by Kras Activation. <i>Cell Reports</i> , 2019, 28, 1526-1537.e4.	6.4	19
9	Standard operating procedure for curation and clinical interpretation of variants in cancer. <i>Genome Medicine</i> , 2019, 11, 76.	8.2	16
10	Yap1 Mediates Trametinib Resistance in Head and Neck Squamous Cell Carcinomas. <i>Clinical Cancer Research</i> , 2021, 27, 2326-2339.	7.0	16
11	Adapting crowdsourced clinical cancer curation in CIViC to the ClinGen minimum variant level data community-driven standards. <i>Human Mutation</i> , 2018, 39, 1721-1732.	2.5	15
12	Growth and HIV-Free Survival of HIV-Exposed Infants in Malawi. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2014, 66, 181-187.	2.1	10
13	CIViCpy: A Python Software Development and Analysis Toolkit for the CIViC Knowledgebase. <i>JCO Clinical Cancer Informatics</i> , 2020, 4, 245-253.	2.1	10
14	Noninvasive Detection of High-Risk Adenomas Using Stool-Derived Eukaryotic RNA Sequences as Biomarkers. <i>Gastroenterology</i> , 2019, 157, 884-887.e3.	1.3	9
15	Open-Sourced CIViC Annotation Pipeline to Identify and Annotate Clinically Relevant Variants Using Single-Molecule Molecular Inversion Probes. <i>JCO Clinical Cancer Informatics</i> , 2019, 3, 1-12.	2.1	6
16	Impact of a 40-Gene Targeted Panel Test on Physician Decision Making for Patients With Acute Myeloid Leukemia. <i>JCO Precision Oncology</i> , 2021, 5, 191-203.	3.0	4
17	Genomic and transcriptomic somatic alterations of hepatocellular carcinoma in non-cirrhotic livers. <i>Cancer Genetics</i> , 2022, 264-265, 90-99.	0.4	3
18	A community approach to the cancer-variant-interpretation bottleneck. <i>Nature Cancer</i> , 2022, 3, 522-525.	13.2	3

#	ARTICLE	IF	CITATIONS
19	Su1754 - Pre-Clinical Performance of Stool RNA for Detection of Adenomas and Colorectal Cancer. Gastroenterology, 2018, 154, S-578.	1.3	2
20	Multitarget Stool RNA Test for Noninvasive Detection of Colorectal Neoplasia in a Multicenter, Prospective, and Retrospective Cohort. Clinical and Translational Gastroenterology, 2021, 12, e00360.	2.5	2
21	<i>In Silico</i> Epitope Prediction Analyses Highlight the Potential for Distracting Antigen Immunodominance with Allogeneic Cancer Vaccines. Cancer Research Communications, 2021, 1, 115-126.	1.7	1
22	Reply. Gastroenterology, 2020, 158, 793-794.	1.3	0
23	Abstract 3847: Oral cavity squamous cell carcinoma xenografts display conservation of primary tumor genomic heterogeneity. , 2017, , .		0
24	Abstract 2266: Development and validation of a cancer variant capture panel using the open-sourced CIVIC database. , 2018, , .		0
25	Abstract 1290: Expanding the CIVIC variant to complex combinations of regions in the cancer genome. , 2018, , .		0
26	Abstract 3289: Implementing evolving clinical standards in a variant interpretation knowledgebase. , 2018, , .		0
27	Tumor Heterogeneity. , 2019, , .		0
28	Abstract 4213: Stool-derived eukaryotic RNA (seRNA) assay for noninvasive detection of colorectal cancer and high-risk adenomas. , 2019, , .		0