

Thomas Yu

List of Publications by Citations

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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.

25
papers

534
citations

9
h-index

23
g-index

27
ext. papers

869
ext. citations

14.8
avg, IF

2.41
L-index

#	Paper	IF	Citations
25	Community assessment to advance computational prediction of cancer drug combinations in a pharmacogenomic screen. <i>Nature Communications</i> , 2019 , 10, 2674	17.4	119
24	Evaluation of Combined Artificial Intelligence and Radiologist Assessment to Interpret Screening Mammograms. <i>JAMA Network Open</i> , 2020 , 3, e200265	10.4	105
23	Key Parameters of Tumor Epitope Immunogenicity Revealed Through a Consortium Approach Improve Neoantigen Prediction. <i>Cell</i> , 2020 , 183, 818-834.e13	56.2	105
22	Prediction of overall survival for patients with metastatic castration-resistant prostate cancer: development of a prognostic model through a crowdsourced challenge with open clinical trial data. <i>Lancet Oncology</i> , 2017 , 18, 132-142	21.7	90
21	Leveraging crowdsourcing to accelerate global health solutions. <i>Nature Biotechnology</i> , 2019 , 37, 848-850	14.5	19
20	A high-throughput molecular data resource for cutaneous neurofibromas. <i>Scientific Data</i> , 2017 , 4, 170045	4.2	17
19	Gene selection for optimal prediction of cell position in tissues from single-cell transcriptomics data. <i>Life Science Alliance</i> , 2020 , 3,	5.8	11
18	Community Assessment of the Predictability of Cancer Protein and Phosphoprotein Levels from Genomics and Transcriptomics. <i>Cell Systems</i> , 2020 , 11, 186-195.e9	10.6	11
17	Reproducible biomedical benchmarking in the cloud: lessons from crowd-sourced data challenges. <i>Genome Biology</i> , 2019 , 20, 195	18.3	10
16	A crowdsourced analysis to identify ab initio molecular signatures predictive of susceptibility to viral infection. <i>Nature Communications</i> , 2018 , 9, 4418	17.4	9
15	A DREAM Challenge to Build Prediction Models for Short-Term Discontinuation of Docetaxel in Metastatic Castration-Resistant Prostate Cancer. <i>JCO Clinical Cancer Informatics</i> , 2017 , 1, 1-15	5.2	7
14	Crowdsourcing assessment of maternal blood multi-omics for predicting gestational age and preterm birth. <i>Cell Reports Medicine</i> , 2021 , 2, 100323	18	5
13	Piloting a model-to-data approach to enable predictive analytics in health care through patient mortality prediction. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020 , 27, 1393-1400	8.6	4
12	Abstract 4725: Multiple Myeloma DREAM Challenge: A crowd-sourced challenge to improve identification of high-risk patients 2017 ,		3
11	DreamAI: algorithm for the imputation of proteomics data		3
10	Predicting cellular position in the Drosophila embryo from Single-Cell Transcriptomics data		3
9	A community challenge to evaluate RNA-seq, fusion detection, and isoform quantification methods for cancer discovery. <i>Cell Systems</i> , 2021 , 12, 827-838.e5	10.6	3

8	Abstract 1690: A tumor deconvolution DREAM Challenge: Inferring immune infiltration from bulk gene expression data 2019 ,		2
7	Multiple Myeloma DREAM Challenge Reveals Epigenetic Regulator PHF19 As Marker of Aggressive Disease		2
6	Evaluation of crowdsourced mortality prediction models as a framework for assessing AI in medicine		2
5	A Continuously Benchmarked and Crowdsourced Challenge for Rapid Development and Evaluation of Models to Predict COVID-19 Diagnosis and Hospitalization. <i>JAMA Network Open</i> , 2021 , 4, e2124946	10.4	1
4	Crowdsourcing assessment of maternal blood multi-omics for predicting gestational age and preterm birth		1
3	Linked Entity Attribute Pair (LEAP): A Harmonization Framework for Data Pooling. <i>JCO Clinical Cancer Informatics</i> , 2020 , 4, 691-699	5.2	1
2	A Scalable Quality Assurance Process for Curating Oncology Electronic Health Records: The Project GENIE Biopharma Collaborative Approach.. <i>JCO Clinical Cancer Informatics</i> , 2022 , 6, e2100105	5.2	0
1	Crowdsourced High-Risk Classifiers for Multiple Myeloma Patients Commonly Identify PHF19 As a Robust Progression Biomarker. <i>Blood</i> , 2019 , 134, 4370-4370	2.2	