Saumyadipta Pyne

List of Publications by Year
in descending order

22	496	1478505	794594
papers	citations	6	19
		h-index	g-index

23	23	23	518
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of critical community size from an HIV/AIDS model. PLoS ONE, 2021, 16, e0244543.	2.5	1
2	Estimation of Tail Probabilities by Repeated Augmented Reality. Journal of Statistical Theory and Practice, 2021, 15, 25.	0.5	3
3	Protocol for a cluster randomised trial evaluating a multifaceted intervention starting preconceptionallyâ€"Early Interventions to Support Trajectories for Healthy Life in India (EINSTEIN): a Healthy Life Trajectories Initiative (HeLTI) Study. BMJ Open, 2021, 11, e045862.	1.9	12
4	Clustering Patterns Connecting COVID-19 Dynamics and Human Mobility Using Optimal Transport. Sankhya B, 2021, 83, 167-184.	0.9	4
5	Differential Patterns of Social Media Use Associated with Loneliness and Health Outcomes in Selected Socioeconomic Groups. Journal of Technology in Behavioral Science, 2021, 6, 1-10.	2.3	2
6	Multivariate Tail Probabilities: Predicting Regional Pertussis Cases in Washington State. Entropy, 2021, 23, 675.	2.2	1
7	Data fusion using factor analysis and low-rank matrix completion. Statistics and Computing, 2021, 31, 1.	1.5	0
8	AICov: An Integrative Deep Learning Framework for COVID-19 Forecasting with Population Covariates. Journal of Data Science, 2021, , 293-313.	0.9	3
9	Circular functional analysis of OCT data for precise identification of structural phenotypes in the eye. Scientific Reports, 2021, 11, 23336.	3.3	0
10	Estimation of residential radon concentration in Pennsylvania counties by data fusion. Applied Stochastic Models in Business and Industry, 2020, 36, 1094-1110.	1.5	5
11	Single-Cell Transcriptional Profiling of Cells Derived From Regenerating Alveolar Ducts. Frontiers in Medicine, 2020, 7, 112.	2.6	4
12	High-speed automatic characterization of rare events in flow cytometric data. PLoS ONE, 2020, 15, e0228651.	2.5	3
13	Model selection in radon data fusion. Statistics in Transition, 2020, 21, 159-165.	0.2	4
14	Gene set analysis and reduction for a continuous phenotype: Identifying markers of birth weight variation based on embryonic stem cells and immunologic signatures. Computers in Biology and Medicine, 2019, 113, 103389.	7.0	1
15	Potentially important miRNAs in enteropathy-associated T-cell lymphoma pathogenesis: A pilot study. Leukemia Research Reports, 2018, 10, 52-54.	0.4	1
16	Association between bivariate expression of key oncogenes and metabolic phenotypes of patients with prostate cancer. Computers in Biology and Medicine, 2018, 103, 55-63.	7.0	3
17	Modeling of interâ€sample variation in flow cytometric data with the joint clustering and matching procedure. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2016, 89, 30-43.	1.5	23
18	Application of Mixture Models to Large Datasets. , 2016, , 57-74.		3

#	Article	IF	Citations
19	Big Data Applications in Health Sciences and Epidemiology. Handbook of Statistics, 2015, , 171-202.	0.6	9
20	Joint Modeling and Registration of Cell Populations in Cohorts of High-Dimensional Flow Cytometric Data. PLoS ONE, 2014, 9, e100334.	2.5	41
21	Parametric modeling of cellular state transitions as measured with flow cytometry. BMC Bioinformatics, 2012, 13, S5.	2.6	18
22	Automated high-dimensional flow cytometric data analysis. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8519-8524.	7.1	355