

Saumyadipta Pyne

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

496
citations

1478505

6
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

518
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Joint Modeling and Registration of Cell Populations in Cohorts of High-Dimensional Flow Cytometric Data. PLoS ONE, 2014, 9, e100334.	2.5	41
3	Modeling of inter-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
4	Parametric modeling of cellular state transitions as measured with flow cytometry. BMC Bioinformatics, 2012, 13, S5.	2.6	18
5	Protocol for a cluster randomised trial evaluating a multifaceted intervention starting preconceptually—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
6	Big Data Applications in Health Sciences and Epidemiology. Handbook of Statistics, 2015, , 171-202.	0.6	9
7	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
8	Single-Cell Transcriptional Profiling of Cells Derived From Regenerating Alveolar Ducts. Frontiers in Medicine, 2020, 7, 112.	2.6	4
9	Clustering Patterns Connecting COVID-19 Dynamics and Human Mobility Using Optimal Transport. Sankhya B, 2021, 83, 167-184.	0.9	4
10	Model selection in radon data fusion. Statistics in Transition, 2020, 21, 159-165.	0.2	4
11	Application of Mixture Models to Large Datasets. , 2016, , 57-74.		3
12	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
13	Estimation of Tail Probabilities by Repeated Augmented Reality. Journal of Statistical Theory and Practice, 2021, 15, 25.	0.5	3
14	AICov: An Integrative Deep Learning Framework for COVID-19 Forecasting with Population Covariates. Journal of Data Science, 2021, , 293-313.	0.9	3
15	High-speed automatic characterization of rare events in flow cytometric data. PLoS ONE, 2020, 15, e0228651.	2.5	3
16	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
17	Potentially important miRNAs in enteropathy-associated T-cell lymphoma pathogenesis: A pilot study. Leukemia Research Reports, 2018, 10, 52-54.	0.4	1
18	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

#	ARTICLE	IF	CITATIONS
19	Determination of critical community size from an HIV/AIDS model. PLoS ONE, 2021, 16, e0244543.	2.5	1
20	Multivariate Tail Probabilities: Predicting Regional Pertussis Cases in Washington State. Entropy, 2021, 23, 675.	2.2	1
21	Data fusion using factor analysis and low-rank matrix completion. Statistics and Computing, 2021, 31, 1.	1.5	0
22	Circular functional analysis of OCT data for precise identification of structural phenotypes in the eye. Scientific Reports, 2021, 11, 23336.	3.3	0