Ritabrata Dutta

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1537597/publications.pdf

Version: 2024-02-01

19	399	933447	839539
papers	citations	10	18
		h-index	g-index

19	19	19	478
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fundamentals and Recent Developments in Approximate Bayesian Computation. Systematic Biology, 2017, 66, syw077.	5.6	115
2	Likelihood-free inference via classification. Statistics and Computing, 2018, 28, 411-425.	1.5	41
3	Experimental and numerical study of heat transfer in horizontal concentric annulus containing phase change material. Canadian Journal of Chemical Engineering, 2008, 86, 700-710.	1.7	40
4	TRU-NET: a deep learning approach to high resolution prediction of rainfall. Machine Learning, 2021, 110, 2035-2062.	5.4	33
5	â€œMaximum probability ruleâ€•based classification of MRSA infections in hospital environment: Using electronic nose. Sensors and Actuators B: Chemical, 2006, 120, 156-165.	7.8	28
6	ABCpy. , 2017, , .		20
7	Bayesian inference of spreading processes on networks. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2018, 474, 20180129.	2.1	20
8	Likelihood-Free Inference by Ratio Estimation. Bayesian Analysis, 2022, 17, .	3.0	18
9	Using mobility data in the design of optimal lockdown strategies for the COVID-19 pandemic. PLoS Computational Biology, 2021, 17, e1009236.	3.2	14
10	Bayesian calibration of force-fields from experimental data: TIP4P water. Journal of Chemical Physics, 2018, 149, 154110.	3.0	13
11	Intelligent Bayes Classifier (IBC) for ENT infection classification in hospital environment. BioMedical Engineering OnLine, 2006, 5, 65.	2.7	12
12	Modelling-based experiment retrieval: a case study with gene expression clustering. Bioinformatics, 2016, 32, 1388-1394.	4.1	10
13	ABCpy: A High-Performance Computing Perspective to Approximate Bayesian Computation. Journal of Statistical Software, 2021, 100, .	3.7	7
14	Incorporating environmental variability in a spatially-explicit individual-based model of European sea bassâœ°. Ecological Modelling, 2022, 466, 109878.	2.5	7
15	Bayes Model Selection with Path Sampling: Factor Models and Other Examples. Statistical Science, 2013, 28, .	2.8	5
16	Parameter Estimation of Platelets Deposition: Approximate Bayesian Computation With High Performance Computing. Frontiers in Physiology, 2018, 9, 1128.	2.8	5
17	Distance-learning For Approximate Bayesian Computation To Model a Volcanic Eruption. Sankhya B, 2021, 83, 288-317.	0.9	4
18	Likelihood-Free Parameter Estimation for Dynamic Queueing Networks: Case Study of Passenger Flow in an International Airport Terminal. Journal of the Royal Statistical Society Series C: Applied Statistics, 2021, 70, 770-792.	1.0	4

#	Article	IF	Citations
19	Personalized pathology test for Cardio-vascular disease: Approximate Bayesian computation with discriminative summary statistics learning. PLoS Computational Biology, 2022, 18, e1009910.	3.2	3