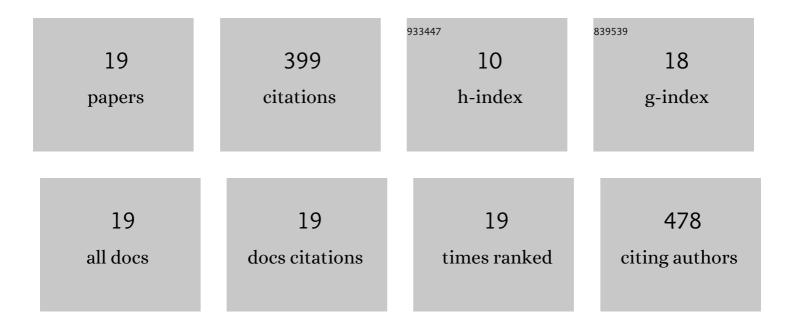
## Ritabrata Dutta

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1537597/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Likelihood-Free Inference by Ratio Estimation. Bayesian Analysis, 2022, 17, .	3.0	18
2	Incorporating environmental variability in a spatially-explicit individual-based model of European sea bass✰. Ecological Modelling, 2022, 466, 109878.	2.5	7
3	Personalized pathology test for Cardio-vascular disease: Approximate Bayesian computation with discriminative summary statistics learning. PLoS Computational Biology, 2022, 18, e1009910.	3.2	3
4	Distance-learning For Approximate Bayesian Computation To Model a Volcanic Eruption. Sankhya B, 2021, 83, 288-317.	0.9	4
5	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
6	TRU-NET: a deep learning approach to high resolution prediction of rainfall. Machine Learning, 2021, 110, 2035-2062.	5.4	33
7	Using mobility data in the design of optimal lockdown strategies for the COVID-19 pandemic. PLoS Computational Biology, 2021, 17, e1009236.	3.2	14
8	<b>ABCpy</b> : A High-Performance Computing Perspective to Approximate Bayesian Computation. Journal of Statistical Software, 2021, 100, .	3.7	7
9	Likelihood-free inference via classification. Statistics and Computing, 2018, 28, 411-425.	1.5	41
10	Bayesian calibration of force-fields from experimental data: TIP4P water. Journal of Chemical Physics, 2018, 149, 154110.	3.0	13
11	Parameter Estimation of Platelets Deposition: Approximate Bayesian Computation With High Performance Computing. Frontiers in Physiology, 2018, 9, 1128.	2.8	5
12	Bayesian inference of spreading processes on networks. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2018, 474, 20180129.	2.1	20
13	Fundamentals and Recent Developments in Approximate Bayesian Computation. Systematic Biology, 2017, 66, syw077.	5.6	115
14	АВСру., 2017,,.		20
15	Modelling-based experiment retrieval: a case study with gene expression clustering. Bioinformatics, 2016, 32, 1388-1394.	4.1	10
16	Bayes Model Selection with Path Sampling: Factor Models and Other Examples. Statistical Science, 2013, 28, .	2.8	5
17	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
18	Intelligent Bayes Classifier (IBC) for ENT infection classification in hospital environment. BioMedical Engineering OnLine, 2006, 5, 65.	2.7	12

#	Article	IF	CITATIONS
19	"Maximum probability rule―based classification of MRSA infections in hospital environment: Using electronic nose. Sensors and Actuators B: Chemical, 2006, 120, 156-165.	7.8	28