

# Ritabrata Dutta

## List of Publications by Year in descending order

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

Version: 2024-02-01

19  
papers

399  
citations

933447

10  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

478  
citing authors

#	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	ABCpy: 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	ABCpy. , 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