

# Arindam Banerjee

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

10,343  
citations

516710

16  
h-index

794594

19  
g-index

37  
all docs

37  
docs citations

37  
times ranked

12460  
citing authors

#	ARTICLE	IF	CITATIONS
1	Increasing Functional Diversity in a Global Land Surface Model Illustrates Uncertainties Related to Parameter Simplification. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	3.0	6
2	sPlotOpen â€œ An environmentally balanced, openâ€™access, global dataset of vegetation plots. <i>Global Ecology and Biogeography</i> , 2021, 30, 1740-1764.	5.8	49
3	TRY plant trait database â€™ enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
4	Robustness of trait connections across environmental gradients and growth forms. <i>Global Ecology and Biogeography</i> , 2019, 28, 1806-1826.	5.8	56
5	Scalable algorithms for locally low-rank matrix modeling. <i>Knowledge and Information Systems</i> , 2019, 61, 1457-1484.	3.2	2
6	Interpretable Predictive Modeling for Climate Variables with Weighted Lasso. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2019, 33, 1385-1392.	4.9	1
7	Sketched Iterative Algorithms for Structured Generalized Linear Models. , 2019, , .		0
8	Modeling Alzheimer's disease cognitive scores using multi-task sparse group lasso. <i>Computerized Medical Imaging and Graphics</i> , 2018, 66, 100-114.	5.8	31
9	Intelligent systems for geosciences. <i>Communications of the ACM</i> , 2018, 62, 76-84.	4.5	71
10	Statistical Seasonal Prediction Based on Regularized Regression. <i>Journal of Climate</i> , 2017, 30, 1345-1361.	3.2	21
11	Mapping local and global variability in plant trait distributions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10937-E10946.	7.1	159
12	Theory-Guided Data Science: A New Paradigm for Scientific Discovery from Data. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2017, 29, 2318-2331.	5.7	713
13	Scalable Algorithms for Locally Low-Rank Matrix Modeling. , 2017, , .		1
14	High-Dimensional Dependency Structure Learning for Physical Processes. , 2017, , .		0
15	Vector Autoregressive Model-Based Anomaly Detection in Aviation Systems. <i>Journal of Aerospace Information Systems</i> , 2016, 13, 161-173.	1.4	26
16	<sc>BHPMF</sc> â€™ a hierarchical <sc>B</sc>ayesian approach to gapâ€™filling and trait prediction for macroecology and functional biogeography. <i>Global Ecology and Biogeography</i> , 2015, 24, 1510-1521.	5.8	132
17	Uncertainty Quantified Matrix Completion Using Bayesian Hierarchical Matrix Factorization. , 2014, , .		16
18	Detection of Precursors to Aviation Safety Incidents Due to Human Factors. , 2013, , .		9

#	ARTICLE	IF	CITATIONS
19	Sparse Group Lasso for Regression on Land Climate Variables. , 2011, , .		8
20	Mixed-membership naive Bayes models. Data Mining and Knowledge Discovery, 2011, 23, 1-62.	3.7	30
21	Bayesian cluster ensembles. Statistical Analysis and Data Mining, 2011, 4, 54-70.	2.8	67
22	Discovering Client and Intervention Patterns in Home Visiting Data. Western Journal of Nursing Research, 2010, 32, 1031-1054.	1.4	18
23	Generalized Probabilistic Matrix Factorizations for Collaborative Filtering. , 2010, , .		89
24	A Generalized Linear Threshold Model for Multiple Cascades. , 2010, , .		83
25	Discriminative Mixed-Membership Models. , 2009, , .		4
26	Anomaly detection. ACM Computing Surveys, 2009, 41, 1-58.	23.0	7,176
27	Bayesian Overlapping Subspace Clustering. , 2009, , .		18
28	Bayesian Cluster Ensembles. , 2009, , .		30
29	Bayesian Co-clustering. , 2008, , .		114
30	Multiplicative Mixture Models for Overlapping Clustering. , 2008, , .		29
31	Latent Dirichlet Conditional Naive-Bayes Models. , 2007, , .		11
32	An Analysis of Logistic Models: Exponential Family Connections and Online Performance. , 2007, , .		14
33	Scalable Clustering Algorithms with Balancing Constraints. Data Mining and Knowledge Discovery, 2006, 13, 365-395.	3.7	78
34	Model-based overlapping clustering. , 2005, , .		133
35	An information theoretic analysis of maximum likelihood mixture estimation for exponential families. , 2004, , .		16
36	Frequency-Sensitive Competitive Learning for Scalable Balanced Clustering on High-Dimensional Hyperspheres. IEEE Transactions on Neural Networks, 2004, 15, 702-719.	4.2	89

#	ARTICLE	IF	CITATIONS
37	BII-Implementation: The causes and consequences of plant biodiversity across scales in a rapidly changing world. Research Ideas and Outcomes, 0, 7, .	1.0	5