

Arindam Banerjee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11226151/publications.pdf>

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	Anomaly detection. ACM Computing Surveys, 2009, 41, 1-58.	23.0	7,176
2	TRY plant trait database – enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	9.5	1,038
3	Theory-Guided Data Science: A New Paradigm for Scientific Discovery from Data. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 2318-2331.	5.7	713
4	Mapping local and global variability in plant trait distributions. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E10937-E10946.	7.1	159
5	Model-based overlapping clustering. , 2005, , .		133
6	<scp>BHPMF</scp> – a hierarchical <scp>B</scp>ayesian approach to gap-filling and trait prediction for macroecology and functional biogeography. Global Ecology and Biogeography, 2015, 24, 1510-1521.	5.8	132
7	Bayesian Co-clustering. , 2008, , .		114
8	Frequency-Sensitive Competitive Learning for Scalable Balanced Clustering on High-Dimensional Hyperspheres. IEEE Transactions on Neural Networks, 2004, 15, 702-719.	4.2	89
9	Generalized Probabilistic Matrix Factorizations for Collaborative Filtering. , 2010, , .		89
10	A Generalized Linear Threshold Model for Multiple Cascades. , 2010, , .		83
11	Scalable Clustering Algorithms with Balancing Constraints. Data Mining and Knowledge Discovery, 2006, 13, 365-395.	3.7	78
12	Intelligent systems for geosciences. Communications of the ACM, 2018, 62, 76-84.	4.5	71
13	Bayesian cluster ensembles. Statistical Analysis and Data Mining, 2011, 4, 54-70.	2.8	67
14	Robustness of trait connections across environmental gradients and growth forms. Global Ecology and Biogeography, 2019, 28, 1806-1826.	5.8	56
15	sPlotOpen – An environmentally balanced, open-access, global dataset of vegetation plots. Global Ecology and Biogeography, 2021, 30, 1740-1764.	5.8	49
16	Modeling Alzheimer's disease cognitive scores using multi-task sparse group lasso. Computerized Medical Imaging and Graphics, 2018, 66, 100-114.	5.8	31
17	Bayesian Cluster Ensembles. , 2009, , .		30
18	Mixed-membership naive Bayes models. Data Mining and Knowledge Discovery, 2011, 23, 1-62.	3.7	30

#	ARTICLE	IF	CITATIONS
19	Multiplicative Mixture Models for Overlapping Clustering. , 2008, , .		29
20	Vector Autoregressive Model-Based Anomaly Detection in Aviation Systems. Journal of Aerospace Information Systems, 2016, 13, 161-173.	1.4	26
21	Statistical Seasonal Prediction Based on Regularized Regression. Journal of Climate, 2017, 30, 1345-1361.	3.2	21
22	Bayesian Overlapping Subspace Clustering. , 2009, , .		18
23	Discovering Client and Intervention Patterns in Home Visiting Data. Western Journal of Nursing Research, 2010, 32, 1031-1054.	1.4	18
24	An information theoretic analysis of maximum likelihood mixture estimation for exponential families. , 2004, , .		16
25	Uncertainty Quantified Matrix Completion Using Bayesian Hierarchical Matrix Factorization. , 2014, , .		16
26	An Analysis of Logistic Models: Exponential Family Connections and Online Performance. , 2007, , .		14
27	Latent Dirichlet Conditional Naive-Bayes Models. , 2007, , .		11
28	Detection of Precursors to Aviation Safety Incidents Due to Human Factors. , 2013, , .		9
29	Sparse Group Lasso for Regression on Land Climate Variables. , 2011, , .		8
30	Increasing Functional Diversity in a Global Land Surface Model Illustrates Uncertainties Related to Parameter Simplification. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	3.0	6
31	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
32	Discriminative Mixed-Membership Models. , 2009, , .		4
33	Scalable algorithms for locally low-rank matrix modeling. Knowledge and Information Systems, 2019, 61, 1457-1484.	3.2	2
34	Scalable Algorithms for Locally Low-Rank Matrix Modeling. , 2017, , .		1
35	Interpretable Predictive Modeling for Climate Variables with Weighted Lasso. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 1385-1392.	4.9	1
36	High-Dimensional Dependency Structure Learning for Physical Processes. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
37	Sketched Iterative Algorithms for Structured Generalized Linear Models. , 2019, , .		0