Foster Provost

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11959741/publications.pdf

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33 papers	3,379 citations	471509 17 h-index	580821 25 g-index
33 all docs	33 docs citations	33 times ranked	2842 citing authors

#	Article	IF	Citations
1	Data Science and its Relationship to Big Data and Data-Driven Decision Making. Big Data, 2013, 1, 51-59.	3.4	925
2	Adaptive Fraud Detection. Data Mining and Knowledge Discovery, 1997, 1, 291-316.	3.7	649
3	Tree Induction for Probability-Based Ranking. Machine Learning, 2003, 52, 199-215.	5.4	409
4	Network-Based Marketing: Identifying Likely Adopters via Consumer Networks. Statistical Science, 2006, 21, 256.	2.8	364
5	Predictive Modeling With Big Data: Is Bigger Really Better?. Big Data, 2013, 1, 215-226.	3.4	134
6	Repeated labeling using multiple noisy labelers. Data Mining and Knowledge Discovery, 2014, 28, 402-441.	3.7	114
7	Active Sampling for Class Probability Estimation and Ranking. Machine Learning, 2004, 54, 153-178.	5.4	113
8	Research Commentaryâ€"Information in Digital, Economic, and Social Networks. Information Systems Research, 2013, 24, 883-905.	3.7	96
9	Distribution-based aggregation for relational learning with identifier attributes. Machine Learning, 2006, 62, 65-105.	5.4	89
10	In Pursuit of Enhanced Customer Retention Management: Review, Key Issues, and Future Directions. Customer Needs and Solutions, 2018, 5, 65-81.	0.8	89
11	Title is missing!. Data Mining and Knowledge Discovery, 2000, 4, 251-280.	3.7	70
12	Inactive learning?. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2011, 12, 36-41.	4.0	55
13	Decision-Centric Active Learning of Binary-Outcome Models. Information Systems Research, 2007, 18, 4-22.	3.7	52
14	A comparison of instance-level counterfactual explanation algorithms for behavioral and textual data: SEDC, LIME-C and SHAP-C. Advances in Data Analysis and Classification, 2020, 14, 801-819.	1.4	44
15	Finding Similar Mobile Consumers with a Privacy-Friendly Geosocial Design. Information Systems Research, 2015, 26, 243-265.	3.7	39
16	Cost-Effective Quality Assurance in Crowd Labeling. Information Systems Research, 2017, 28, 137-158.	3.7	29
17	Enhancing Transparency and Control When Drawing Data-Driven Inferences About Individuals. Big Data, 2017, 5, 197-212.	3.4	25
18	Corporate residence fraud detection. , 2014, , .		20

#	Article	IF	Citations
19	Causal Decision Making and Causal Effect Estimation Are Not the Sameâ€¦and Why It Matters. INFORMS Journal on Data Science, 2022, 1, 4-16.	1.6	12
20	Unsupervised dimensionality reduction versus supervised regularization for classification from sparse data. Data Mining and Knowledge Discovery, 2019, 33, 871-916.	3.7	9
21	A benchmarking study of classification techniques for behavioral data. International Journal of Data Science and Analytics, 2020, 9, 131-173.	4.1	8
22	Information in Digital, Economic and Social Networks. SSRN Electronic Journal, 0, , .	0.4	7
23	Data-Driven Investment Strategies for Peer-to-Peer Lending: A Case Study for Teaching Data Science. Big Data, 2018, 6, 191-213.	3.4	6
24	Deep Learning on Big, Sparse, Behavioral Data. Big Data, 2019, 7, 286-307.	3.4	6
25	Active Feature-Value Acquisition. SSRN Electronic Journal, 2006, , .	0.4	5
26	Wallenius Bayes. Machine Learning, 2018, 107, 1013-1037.	5.4	3
27	Audience Selection for On-Line Brand Advertising: Privacy-Friendly Social Network Targeting. SSRN Electronic Journal, 0, , .	0.4	2
28	In Pursuit of Enhanced Customer Retention Management. SSRN Electronic Journal, 0, , .	0.4	2
29	A Data Scientist's Guide to Start-Ups. Big Data, 2014, 2, 117-128.	3.4	1
30	Iteratively refining SVMs using priors. , 2015, , .		1
31	In memory of Tom Fawcett. Machine Learning, 2020, 109, 1987-1992.	5.4	1
32	ACM SIGKDD 2014 to be Held August 24â€“27 in Manhattan. Big Data, 2014, 2, 71-72.	3.4	0
33	Rejoinder to â€œCausal Decision Making and Causal Effect Estimation Are Not the Sameâ€¦and Why It Mattersâ€• INFORMS Journal on Data Science, 2022, 1, 23-26.	1.6	0