Gavin Brown

List of Publications by Year in descending order

23 papers	441 citations	840776 11 h-index
24 all docs	24 docs citations	24 times ranked

888059 17 g-index
505 citing authors

#	ARTICLE	IF	CITATIONS
1	Distinguishing prognostic and predictive biomarkers: an information theoretic approach. Bioinformatics, 2018, 34, 3365-3376.	4.1	52
2	Cost-sensitive boosting algorithms: Do we really need them?. Machine Learning, 2016, 104, 359-384.	5.4	49
3	Measuring the Stability of Feature Selection. Lecture Notes in Computer Science, 2016, , 442-457.	1.3	48
4	Dashing Hopes? the Predictive Accuracy of Domestic Abuse Risk Assessment by Police. British Journal of Criminology, 2019, 59, 1013-1034.	2.1	47
5	Individual Confidence-Weighting and Group Decision-Making. Trends in Ecology and Evolution, 2017, 32, 636-645.	8.7	38
6	Is Deep Learning Safe for Robot Vision? Adversarial Examples Against the iCub Humanoid. , 2017, , .		37
7	Simple strategies for semi-supervised feature selection. Machine Learning, 2018, 107, 357-395.	5.4	31
8	Diversity and degrees of freedom in regression ensembles. Neurocomputing, 2018, 298, 55-68.	5.9	22
9	Efficient feature selection using shrinkage estimators. Machine Learning, 2019, 108, 1261-1286.	5.4	20
10	Random Projection Random Discretization Ensembles—Ensembles of Linear Multivariate Decision Trees. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 1225-1239.	5.7	13
11	Exploring the Relationship Between Eye Movements and Electrocardiogram Interpretation Accuracy. Scientific Reports, 2016, 6, 38227.	3.3	12
12	Dealing with under-reported variables: An information theoretic solution. International Journal of Approximate Reasoning, 2017, 85, 159-177.	3.3	12
13	Toward a more accurate understanding of the limits of the TLS execution paradigm. , 2010, , .		11
14	Exploring the consequences of distributed feature selection in DNA microarray data. , 2017, , .		9
15	Insights into distributed feature ranking. Information Sciences, 2019, 496, 378-398.	6.9	8
16	Calibrating AdaBoost for Asymmetric Learning. Lecture Notes in Computer Science, 2015, , 112-124.	1.3	8
17	Feature selection with limited bit depth mutual information for portable embedded systems. Knowledge-Based Systems, 2020, 197, 105885.	7.1	6
18	On the Stability of Feature Selection in the Presence of Feature Correlations. Lecture Notes in Computer Science, 2020, , 327-342.	1.3	6

#	Article	IF	Citations
19	Markov Blanket Discovery in Positive-Unlabelled and Semi-supervised Data. Lecture Notes in Computer Science, 2015, , 351-366.	1.3	5
20	Theoretical and empirical analysis of diversity in non-stationary learning. , 2011, , .		3
21	Statistical Hypothesis Testing in Positive Unlabelled Data. Lecture Notes in Computer Science, 2014, , 66-81.	1.3	3
22	Gradient Boosting Models for Photovoltaic Power Estimation Under Partial ShadingÂConditions. Lecture Notes in Computer Science, 2017, , 13-25.	1.3	0
23	Disentangling Prognostic and Predictive Biomarkers Through Mutual Information. Studies in Health Technology and Informatics, 2017, 235, 141-145.	0.3	0