

# Gavin Brown

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

441  
citations

840776

11  
h-index

888059

17  
g-index

24  
all docs

24  
docs citations

24  
times ranked

505  
citing authors

#	ARTICLE	IF	CITATIONS
1	Feature selection with limited bit depth mutual information for portable embedded systems. Knowledge-Based Systems, 2020, 197, 105885.	7.1	6
2	On the Stability of Feature Selection in the Presence of Feature Correlations. Lecture Notes in Computer Science, 2020, , 327-342.	1.3	6
3	Dashing Hopes? the Predictive Accuracy of Domestic Abuse Risk Assessment by Police. British Journal of Criminology, 2019, 59, 1013-1034.	2.1	47
4	Efficient feature selection using shrinkage estimators. Machine Learning, 2019, 108, 1261-1286.	5.4	20
5	Insights into distributed feature ranking. Information Sciences, 2019, 496, 378-398.	6.9	8
6	Diversity and degrees of freedom in regression ensembles. Neurocomputing, 2018, 298, 55-68.	5.9	22
7	Distinguishing prognostic and predictive biomarkers: an information theoretic approach. Bioinformatics, 2018, 34, 3365-3376.	4.1	52
8	Simple strategies for semi-supervised feature selection. Machine Learning, 2018, 107, 357-395.	5.4	31
9	Dealing with under-reported variables: An information theoretic solution. International Journal of Approximate Reasoning, 2017, 85, 159-177.	3.3	12
10	Exploring the consequences of distributed feature selection in DNA microarray data. , 2017, , .		9
11	Individual Confidence-Weighting and Group Decision-Making. Trends in Ecology and Evolution, 2017, 32, 636-645.	8.7	38
12	Gradient Boosting Models for Photovoltaic Power Estimation Under Partial Shading Conditions. Lecture Notes in Computer Science, 2017, , 13-25.	1.3	0
13	Is Deep Learning Safe for Robot Vision? Adversarial Examples Against the iCub Humanoid. , 2017, , .		37
14	Disentangling Prognostic and Predictive Biomarkers Through Mutual Information. Studies in Health Technology and Informatics, 2017, 235, 141-145.	0.3	0
15	Cost-sensitive boosting algorithms: Do we really need them?. Machine Learning, 2016, 104, 359-384.	5.4	49
16	Measuring the Stability of Feature Selection. Lecture Notes in Computer Science, 2016, , 442-457.	1.3	48
17	Exploring the Relationship Between Eye Movements and Electrocardiogram Interpretation Accuracy. Scientific Reports, 2016, 6, 38227.	3.3	12
18	Calibrating AdaBoost for Asymmetric Learning. Lecture Notes in Computer Science, 2015, , 112-124.	1.3	8

#	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	Random Projection Random Discretization Ensemblesâ€”Ensembles of Linear Multivariate Decision Trees. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 1225-1239.	5.7	13
21	Statistical Hypothesis Testing in Positive Unlabelled Data. Lecture Notes in Computer Science, 2014, , 66-81.	1.3	3
22	Theoretical and empirical analysis of diversity in non-stationary learning. , 2011, , .		3
23	Toward a more accurate understanding of the limits of the TLS execution paradigm. , 2010, , .		11