

John Shawe-Taylor

List of Publications by Year in descending order

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191
papers

12,916
citations

71102

41
h-index

25787

108
g-index

206
all docs

206
docs citations

206
times ranked

12000
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating the Support of a High-Dimensional Distribution. <i>Neural Computation</i> , 2001, 13, 1443-1471.	2.2	4,068
2	Canonical Correlation Analysis: An Overview with Application to Learning Methods. <i>Neural Computation</i> , 2004, 16, 2639-2664.	2.2	2,353
3	Challenges in Representation Learning: A Report on Three Machine Learning Contests. <i>Lecture Notes in Computer Science</i> , 2013, , 117-124.	1.3	651
4	Structural risk minimization over data-dependent hierarchies. <i>IEEE Transactions on Information Theory</i> , 1998, 44, 1926-1940.	2.4	332
5	Challenges in representation learning: A report on three machine learning contests. <i>Neural Networks</i> , 2015, 64, 59-63.	5.9	326
6	Linear Programming Boosting via Column Generation. <i>Machine Learning</i> , 2002, 46, 225-254.	5.4	281
7	The Human Behaviour-Change Project: harnessing the power of artificial intelligence and machine learning for evidence synthesis and interpretation. <i>Implementation Science</i> , 2017, 12, 121.	6.9	216
8	A review of optimization methodologies in support vector machines. <i>Neurocomputing</i> , 2011, 74, 3609-3618.	5.9	208
9	Sparse canonical correlation analysis. <i>Machine Learning</i> , 2011, 83, 331-353.	5.4	185
10	Latent Semantic Kernels. <i>Journal of Intelligent Information Systems</i> , 2002, 18, 127-152.	3.9	162
11	Sparse network-based models for patient classification using fMRI. <i>NeuroImage</i> , 2015, 105, 493-506.	4.2	151
12	Tracking global changes induced in the CD4 T-cell receptor repertoire by immunization with a complex antigen using short stretches of CDR3 protein sequence. <i>Bioinformatics</i> , 2014, 30, 3181-3188.	4.1	129
13	The 2005 PASCAL Visual Object Classes Challenge. <i>Lecture Notes in Computer Science</i> , 2006, , 117-176.	1.3	125
14	Patient classification as an outlier detection problem: An application of the One-Class Support Vector Machine. <i>NeuroImage</i> , 2011, 58, 793-804.	4.2	112
15	Decombinator: a tool for fast, efficient gene assignment in T-cell receptor sequences using a finite state machine. <i>Bioinformatics</i> , 2013, 29, 542-550.	4.1	101
16	Unsupervised analysis of fMRI data using kernel canonical correlation. <i>NeuroImage</i> , 2007, 37, 1250-1259.	4.2	94
17	Handbook for the GREAT08 Challenge: An image analysis competition for cosmological lensing. <i>Annals of Applied Statistics</i> , 2009, 3, .	1.1	93
18	Movement Activity Based Classification of Animal Behaviour with an Application to Data from Cheetah (<i>Acinonyx jubatus</i>). <i>PLoS ONE</i> , 2012, 7, e49120.	2.5	90

#	ARTICLE	IF	CITATIONS
19	Extracting Diagnoses and Investigation Results from Unstructured Text in Electronic Health Records by Semi-Supervised Machine Learning. PLoS ONE, 2012, 7, e30412.	2.5	85
20	On the Eigenspectrum of the Gram Matrix and the Generalization Error of Kernel-PCA. IEEE Transactions on Information Theory, 2005, 51, 2510-2522.	2.4	83
21	Computational analysis of stochastic heterogeneity in PCR amplification efficiency revealed by single molecule barcoding. Scientific Reports, 2015, 5, 14629.	3.3	73
22	A Tutorial on Canonical Correlation Methods. ACM Computing Surveys, 2018, 50, 1-33.	23.0	65
23	Learning hierarchical multi-category text classification models. , 2005, , .		64
24	Comparison and fusion of multiresolution features for texture classification. Pattern Recognition Letters, 2005, 26, 633-638.	4.2	62
25	Enlarging the Margins in Perceptron Decision Trees. Machine Learning, 2000, 41, 295-313.	5.4	61
26	Local online kernel ridge regression for forecasting of urban travel times. Transportation Research Part C: Emerging Technologies, 2014, 46, 151-178.	7.6	60
27	Neural prediction of higher-order auditory sequence statistics. NeuroImage, 2011, 54, 2267-2277.	4.2	59
28	Feature selection using a one dimensional naïve Bayes™ classifier increases the accuracy of support vector machine classification of CDR3 repertoires. Bioinformatics, 2017, 33, 951-955.	4.1	58
29	SCoRS™ A Method Based on Stability for Feature Selection and Mapping in Neuroimaging. IEEE Transactions on Medical Imaging, 2014, 33, 85-98.	8.9	57
30	Sparse Network-Based Models for Patient Classification Using fMRI. , 2013, , .		54
31	A result of Vapnik with applications. Discrete Applied Mathematics, 1993, 47, 207-217.	0.9	53
32	On the generalization of soft margin algorithms. IEEE Transactions on Information Theory, 2002, 48, 2721-2735.	2.4	53
33	Specificity, Privacy, and Degeneracy in the CD4 T Cell Receptor Repertoire Following Immunization. Frontiers in Immunology, 2017, 8, 430.	4.8	52
34	Convergence analysis of kernel Canonical Correlation Analysis: theory and practice. Machine Learning, 2009, 74, 23-38.	5.4	51
35	An Unsupervised Neural Network Approach to Profiling the Behavior of Mobile Phone Users for Use in Fraud Detection. Journal of Parallel and Distributed Computing, 2001, 61, 915-925.	4.1	50
36	Eyetracking Metrics in Young Onset Alzheimer™s Disease: A Window into Cognitive Visual Functions. Frontiers in Neurology, 2017, 8, 377.	2.4	50

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37	Cubic Distance-Regular Graphs. <i>Journal of the London Mathematical Society</i> , 1986, s2-33, 385-394.	1.0	48
38	Results of the GREAT08 Challenge: an image analysis competition for cosmological lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , no-no.	4.4	47
39	Practical Bayesian support vector regression for financial time series prediction and market condition change detection. <i>Quantitative Finance</i> , 2017, 17, 1403-1416.	1.7	47
40	Generating binary sequences for stochastic computing. <i>IEEE Transactions on Information Theory</i> , 1994, 40, 716-720.	2.4	45
41	PAC-Bayes analysis of multi-view learning. <i>Information Fusion</i> , 2017, 35, 117-131.	19.1	45
42	A stochastic neural architecture that exploits dynamically reconfigurable FPGAs. , 0, , .		44
43	Using KCCA for Japanese-English cross-language information retrieval and document classification. <i>Journal of Intelligent Information Systems</i> , 2006, 27, 117-133.	3.9	43
44	Advanced learning algorithms for cross-language patent retrieval and classification. <i>Information Processing and Management</i> , 2007, 43, 1183-1199.	8.6	43
45	Can eyes reveal interest? Implicit queries from gaze patterns. <i>User Modeling and User-Adapted Interaction</i> , 2009, 19, 307-339.	3.8	43
46	Manifold-preserving graph reduction for sparse semi-supervised learning. <i>Neurocomputing</i> , 2014, 124, 13-21.	5.9	43
47	Tighter PAC-Bayes bounds through distribution-dependent priors. <i>Theoretical Computer Science</i> , 2013, 473, 4-28.	0.9	42
48	On specifying Boolean functions by labelled examples. <i>Discrete Applied Mathematics</i> , 1995, 61, 1-25.	0.9	40
49	Efficient Sparse Kernel Feature Extraction Based on Partial Least Squares. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2009, 31, 1347-1361.	13.9	40
50	A multiple hold-out framework for Sparse Partial Least Squares. <i>Journal of Neuroscience Methods</i> , 2016, 271, 182-194.	2.5	40
51	Bounding sample size with the Vapnik-Chervonenkis dimension. <i>Discrete Applied Mathematics</i> , 1993, 42, 65-73.	0.9	39
52	Distance-regularised graphs are distance-regular or distance-biregular. <i>Journal of Combinatorial Theory Series B</i> , 1987, 43, 14-24.	1.0	38
53	Edge-colorability of graph bundles. <i>Journal of Combinatorial Theory Series B</i> , 1983, 35, 12-19.	1.0	37
54	Device for generating binary sequences for stochastic computing. <i>Electronics Letters</i> , 1993, 29, 80-81.	1.0	37

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55	Gravitational Lensing Accuracy Testing 2010 (GREAT10) Challenge Handbook. <i>Annals of Applied Statistics</i> , 2011, 5, .	1.1	36
56	Further results on the margin distribution. , 1999, , .		33
57	Characterizing Graph Drawing with Eigenvectors. <i>Journal of Chemical Information and Computer Sciences</i> , 2000, 40, 567-571.	2.8	33
58	Discovering brain regions relevant to obsessive-compulsive disorder identification through bagging and transduction. <i>Medical Image Analysis</i> , 2014, 18, 435-448.	11.6	32
59	Multiple Holdouts With Stability: Improving the Generalizability of Machine Learning Analyses of Brain-Behavior Relationships. <i>Biological Psychiatry</i> , 2020, 87, 368-376.	1.3	32
60	Covering numbers for support vector machines. <i>IEEE Transactions on Information Theory</i> , 2002, 48, 239-250.	2.4	31
61	Expert-level automated malaria diagnosis on routine blood films with deep neural networks. <i>American Journal of Hematology</i> , 2020, 95, 883-891.	4.1	30
62	The Spectral Radius of infinite Graphs. <i>Bulletin of the London Mathematical Society</i> , 1988, 20, 116-120.	0.8	28
63	On exact specification by examples. , 1992, , .		27
64	Symmetries and discriminability in feedforward network architectures. <i>IEEE Transactions on Neural Networks</i> , 1993, 4, 816-826.	4.2	27
65	Constructing Nonlinear Discriminants from Multiple Data Views. <i>Lecture Notes in Computer Science</i> , 2010, , 328-343.	1.3	26
66	Probabilistic Bit Stream Neural Chip: Theory. <i>Connection Science</i> , 1991, 3, 317-328.	3.0	25
67	The Human Behaviour-Change Project: An artificial intelligence system to answer questions about changing behaviour. <i>Wellcome Open Research</i> , 2020, 5, 122.	1.8	25
68	Distance-biregular graphs with 2-valent vertices and distance-regular line graphs. <i>Journal of Combinatorial Theory Series B</i> , 1985, 38, 193-203.	1.0	24
69	Fast string matching using an n-gram algorithm. <i>Software - Practice and Experience</i> , 1994, 24, 79-88.	3.6	24
70	Data mining, data fusion and information management. <i>IEE Proceedings - Intelligent Transport Systems</i> , 2006, 153, 221.	0.9	23
71	Emergent activation functions from a stochastic bit-stream neuron. <i>Electronics Letters</i> , 1994, 30, 331-333.	1.0	22
72	PAC-Bayesian Inequalities for Martingales. <i>IEEE Transactions on Information Theory</i> , 2012, 58, 7086-7093.	2.4	22

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73	Biomarker Discovery by Sparse Canonical Correlation Analysis of Complex Clinical Phenotypes of Tuberculosis and Malaria. <i>PLoS Computational Biology</i> , 2013, 9, e1003018.	3.2	21
74	A unifying framework for invariant pattern recognition. <i>Pattern Recognition Letters</i> , 1996, 17, 1415-1422.	4.2	20
75	PAC-Bayesian Compression Bounds on the Prediction Error of Learning Algorithms for Classification. <i>Machine Learning</i> , 2005, 59, 55-76.	5.4	20
76	Synthesis of maximum margin and multiview learning using unlabeled data. <i>Neurocomputing</i> , 2007, 70, 1254-1264.	5.9	20
77	Sample sizes for multiple-output threshold networks. <i>Network: Computation in Neural Systems</i> , 1991, 2, 107-117.	3.6	19
78	An approximate string-matching algorithm. <i>Theoretical Computer Science</i> , 1992, 92, 107-117.	0.9	18
79	Generating strong primes. <i>Electronics Letters</i> , 1986, 22, 875.	1.0	17
80	Decomposing the tensor kernel support vector machine for neuroscience data with structured labels. <i>Machine Learning</i> , 2010, 79, 29-46.	5.4	17
81	Multiple Kernel Learning with Fisher Kernels for High Frequency Currency Prediction. <i>Computational Economics</i> , 2013, 42, 217-240.	2.6	17
82	Machine Learning in Fine Wine Price Prediction. <i>Journal of Wine Economics</i> , 2015, 10, 151-172.	0.8	17
83	Learning in Stochastic Bit Stream Neural Networks. <i>Neural Networks</i> , 1996, 9, 991-998.	5.9	16
84	Compressed Sampling for pulse Doppler radar. , 2010, , .		16
85	Forecasting foreign exchange rates using kernel methods. <i>Expert Systems With Applications</i> , 2012, 39, 7652-7662.	7.6	16
86	Kernel Methods and Support Vector Machines. <i>Academic Press Library in Signal Processing</i> , 2014, , 857-881.	0.8	16
87	Combining heterogeneous data sources for neuroimaging based diagnosis: re-weighting and selecting what is important. <i>NeuroImage</i> , 2019, 195, 215-231.	4.2	16
88	Data-driven malaria prevalence prediction in large densely populated urban holoendemic sub-Saharan West Africa. <i>Scientific Reports</i> , 2020, 10, 15918.	3.3	16
89	TrueLearn: A Family of Bayesian Algorithms to Match Lifelong Learners to Open Educational Resources. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2020, 34, 565-573.	4.9	16
90	Distribution-Dependent PAC-Bayes Priors. <i>Lecture Notes in Computer Science</i> , 2010, , 119-133.	1.3	15

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91	Gene Function Prediction from Functional Association Networks Using Kernel Partial Least Squares Regression. PLoS ONE, 2015, 10, e0134668.	2.5	15
92	On the Eigenspectrum of the Gram Matrix and Its Relationship to the Operator Eigenspectrum. Lecture Notes in Computer Science, 2002, , 23-40.	1.3	14
93	Interactional regions in cities: making sense of flows across networked systems. International Journal of Geographical Information Science, 2018, 32, 1348-1367.	4.8	14
94	Design and Generalization Analysis of Orthogonal Matching Pursuit Algorithms. IEEE Transactions on Information Theory, 2011, 57, 5326-5341.	2.4	13
95	Directional Migration of Recirculating Lymphocytes through Lymph Nodes via Random Walks. PLoS ONE, 2012, 7, e45262.	2.5	13
96	Sample sizes for multiple-output threshold networks. Network: Computation in Neural Systems, 1991, 2, 107-117.	3.6	13
97	The Minimum Volume Covering Ellipsoid Estimation in Kernel-Defined Feature Spaces. Lecture Notes in Computer Science, 2006, , 630-637.	1.3	12
98	Responsive listening behavior. Computer Animation and Virtual Worlds, 2008, 19, 579-589.	1.2	12
99	Using string kernels to identify famous performers from their playing style. Intelligent Data Analysis, 2008, 12, 425-440.	0.9	11
100	GLM and SVM analyses of neural response to tonal and atonal stimuli: new techniques and a comparison. Connection Science, 2009, 21, 161-175.	3.0	11
101	A Balanced Route Design for Min-Max Multiple-Depot Rural Postman Problem (MMMDRPP): a police patrolling case. International Journal of Geographical Information Science, 2018, 32, 169-190.	4.8	11
102	Predicting T Cell Receptor Antigen Specificity From Structural Features Derived From Homology Models of Receptor-Peptide-Major Histocompatibility Complexes. Frontiers in Physiology, 2021, 12, 730908.	2.8	11
103	THE LEARNABILITY OF FORMAL CONCEPTS. , 1990, , 246-257.		11
104	Sample sizes for sigmoidal neural networks. , 1995, , .		10
105	Covering numbers for support vector machines. , 1999, , .		10
106	A multimodal multiple kernel learning approach to Alzheimer's disease detection. , 2016, , .		10
107	High-probability minimax probability machines. Machine Learning, 2017, 106, 863-886.	5.4	10
108	Generalization Performance of Classifiers in Terms of Observed Covering Numbers. Lecture Notes in Computer Science, 1999, , 274-285.	1.3	10

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109	Classification Accuracy Based on Observed Margin. <i>Algorithmica</i> , 1998, 22, 157-172.	1.3	9
110	Boosting strategy for classification. <i>Intelligent Data Analysis</i> , 2002, 6, 149-174.	0.9	8
111	Novelty Detection with One-Class Support Vector Machines. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , 2015, , 231-257.	0.2	8
112	Network topological determinants of pathogen spread. <i>Scientific Reports</i> , 2022, 12, 7692.	3.3	8
113	Pattern analysis for the prediction of fungal pro-peptide cleavage sites. <i>Discrete Applied Mathematics</i> , 2009, 157, 2388-2394.	0.9	7
114	A Neural Candidate-Selector Architecture for Automatic Structured Clinical Text Annotation. , 2017, 2017, 1519-1528.		7
115	On Kernel Target Alignment. , 2006, , 205-256.		7
116	Boosting the Margin Distribution. <i>Lecture Notes in Computer Science</i> , 2000, , 54-59.	1.3	7
117	Using the Perceptron Algorithm to Find Consistent Hypotheses. <i>Combinatorics Probability and Computing</i> , 1993, 2, 385-387.	1.3	6
118	Representation theory and invariant neural networks. <i>Discrete Applied Mathematics</i> , 1996, 69, 33-60.	0.9	6
119	Texture Classification by Combining Wavelet and Contourlet Features. <i>Lecture Notes in Computer Science</i> , 2004, , 1126-1134.	1.3	6
120	<title>Generic object recognition by combining distinct features in machine learning</title>. , 2005, , .		6
121	Guest editorsâ€™ introduction: special issue of selected papers from ECML PKDD 2009. <i>Data Mining and Knowledge Discovery</i> , 2009, 19, 173-175.	3.7	6
122	Evolution of a Complex Predator-Prey Ecosystem on Large-scale Multi-Agent Deep Reinforcement Learning. , 2020, , .		6
123	Real time output derivatives for on chip learning using digital stochastic bit stream neurons. <i>Electronics Letters</i> , 1994, 30, 1775-1777.	1.0	5
124	Homeomorphism of 2-Complexes is Graph Isomorphism Complete. <i>SIAM Journal on Computing</i> , 1994, 23, 120-132.	1.0	5
125	Sigmoid neural transfer function realized by percolation. <i>Optics Letters</i> , 1996, 21, 222.	3.3	5
126	A Comparison of Variational and Markov Chain Monte Carlo Methods for Inference in Partially Observed Stochastic Dynamic Systems. <i>Journal of Signal Processing Systems</i> , 2010, 61, 51-59.	2.1	5

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127	The immune system as a biomonitor: explorations in innate and adaptive immunity. <i>Interface Focus</i> , 2013, 3, 20120099.	3.0	5
128	X5Learn: A Personalised Learning Companion at the Intersection of AI and HCI. , 2021, , .		5
129	Molecular graph eigenvectors for molecular coordinates. <i>Lecture Notes in Computer Science</i> , 1995, , 282-285.	1.3	5
130	Prediction with the SVM Using Test Point Margins. <i>Annals of Information Systems</i> , 2010, , 147-158.	0.5	5
131	A PAC-Bayes Bound for Tailored Density Estimation. <i>Lecture Notes in Computer Science</i> , 2010, , 148-162.	1.3	5
132	PAC-Bayes Unleashed: Generalisation Bounds with Unbounded Losses. <i>Entropy</i> , 2021, 23, 1330.	2.2	5
133	Kernel Methods. , 2007, , 1-40.		5
134	Valid Generalisation from Approximate Interpolation. <i>Combinatorics Probability and Computing</i> , 1996, 5, 191-214.	1.3	4
135	Sparse Feature Extraction using Generalised Partial Least Squares. <i>IEEE International Workshop on Machine Learning for Signal Processing</i> , 2006, , .	0.0	4
136	Approximate maximum margin algorithms with rules controlled by the number of mistakes. , 2007, , .		4
137	Evaluation of Variational and Markov Chain Monte Carlo Methods for Inference in Partially Observed Stochastic Dynamic Systems. <i>IEEE International Workshop on Machine Learning for Signal Processing</i> , 2007, , .	0.0	4
138	Complexity of pattern classes and the Lipschitz property. <i>Theoretical Computer Science</i> , 2007, 382, 232-246.	0.9	4
139	Distributed variance regularized Multitask Learning. , 2016, , .		4
140	Parsimonious test of dynamic interaction. <i>Ecology and Evolution</i> , 2019, 9, 1654-1664.	1.9	4
141	Fast multiple keyword searching. <i>Lecture Notes in Computer Science</i> , 1992, , 41-51.	1.3	4
142	A Kernel Canonical Correlation Analysis for Learning the Semantics of Text. , 2007, , 263-282.		4
143	Search for minimal trivalent cycle permutation graphs with girth nine. <i>Discrete Mathematics</i> , 1981, 36, 113-115.	0.7	3
144	A sufficient condition for polynomial distribution-dependent learnability. <i>Discrete Applied Mathematics</i> , 1997, 77, 1-12.	0.9	3

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145	Sensor placement and coordination via distributed multi-agent cooperative control. , 2010, , .		3
146	Drug screening with Elastic-net multiple kernel learning. , 2013, , .		3
147	Correction to "A Method Based on Stability for Feature Selection and Mapping in Neuroimaging" [Jan 14 85-98]. IEEE Transactions on Medical Imaging, 2014, 33, 794-794.	8.9	3
148	Randomized learning and generalization of fair and private classifiers: From PAC-Bayes to stability and differential privacy. Neurocomputing, 2020, 416, 231-243.	5.9	3
149	Adaptive Mechanism Design: Learning to Promote Cooperation. , 2020, , .		3
150	Towards an Integrative Educational Recommender for Lifelong Learners (Student Abstract). Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 13759-13760.	4.9	3
151	Exploration-Exploitation of Eye Movement Enriched Multiple Feature Spaces for Content-Based Image Retrieval. Lecture Notes in Computer Science, 2010, , 554-569.	1.3	3
152	Reducing Kernel Matrix Diagonal Dominance Using Semi-definite Programming. Lecture Notes in Computer Science, 2003, , 288-302.	1.3	3
153	SUM'20: State-based User Modelling. , 2020, , .		3
154	Search for minimal trivalent cycle permutation graphs with girth nine. Discrete Mathematics, 1981, 36, 113-115.	0.7	2
155	Automorphism Groups of Primitive Distance-Bitransitive Graphs are Almost Simple. European Journal of Combinatorics, 1987, 8, 187-197.	0.8	2
156	Daugman's gabor transform as a simple generative back propagation network. Electronics Letters, 1990, 26, 1241.	1.0	2
157	Coverings of complete bipartite graphs and associated structures. Discrete Mathematics, 1994, 134, 151-160.	0.7	2
158	A probabilistic model for text kernels. , 2006, , .		2
159	A kernel regression framework for SMT. Machine Translation, 2010, 24, 87-102.	1.3	2
160	Semi-supervised feature learning from clinical text. , 2010, , .		2
161	Voxel Selection in MRI through Bagging and Conformal Analysis: Application to Detection of Obsessive Compulsive Disorder. , 2012, , .		2
162	Stability-Based Multivariate Mapping Using SCoRS. , 2013, , .		2

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163	Multivariate Effect Ranking via Adaptive Sparse PLS. , 2015, , .		2
164	Parallel graph colouring using FPGAs. Lecture Notes in Computer Science, 1997, , 121-130.	1.3	2
165	Multivariate Bandits and Their Applications. International Federation for Information Processing, 2010, , 3-3.	0.4	2
166	Learning relevant eye movement feature spaces across users. , 2010, , .		2
167	A New Feature Selection Method Based on Stability Theory “ Exploring Parameters Space to Evaluate Classification Accuracy in Neuroimaging Data. Lecture Notes in Computer Science, 2012, , 51-59.	1.3	2
168	Proportion of primes generated by strong prime methods. Electronics Letters, 1992, 28, 135.	1.0	1
169	Introducing invariance: a principled approach to weight sharing. , 1994, , .		1
170	New feature selection frameworks in emotion recognition to evaluate the informative power of speech related features. , 2007, , .		1
171	Technical perspectiveMachine learning for complex predictions. Communications of the ACM, 2009, 52, 96-96.	4.5	1
172	Retrieval of Experiments by Efficient Comparison of Marginal Likelihoods. Lecture Notes in Computer Science, 2014, , 135-142.	1.3	1
173	Complexity of Pattern Classes and Lipschitz Property. Lecture Notes in Computer Science, 2004, , 181-193.	1.3	1
174	Confidence estimates of classification accuracy on new examples. Lecture Notes in Computer Science, 1997, , 260-271.	1.3	1
175	Using Image Stimuli to Drive fMRI Analysis. Lecture Notes in Computer Science, 2007, , 477-486.	1.3	1
176	Information and its Relation to Formalisms for the Complexities of the Real World. Journal of Information Technology, 1987, 2, 151-155.	3.9	0
177	A result of Vapnik with applications. Discrete Applied Mathematics, 1994, 52, 211.	0.9	0
178	Fast String Matching in Stationary Ergodic Sources. Combinatorics Probability and Computing, 1996, 5, 415-427.	1.3	0
179	Learning to compress ergodic sources. , 0, , .		0
180	Title is missing!. Machine Learning, 1999, 35, 191-192.	5.4	0

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181	Guest editorsâ€™ introduction: Special Issue from ECML PKDD 2009. Machine Learning, 2009, 76, 175-177.	5.4	0
182	Dear Information and Inference Reader. Information and Inference, 2012, 1, 1-1.	1.6	0
183	Sparse PLS hyper-parameters optimisation for investigating brain-behaviour relationships. , 2018, , .		0
184	Graph Colouring by Maximal Evidence Edge Adding. Lecture Notes in Computer Science, 2001, , 294-308.	1.3	0
185	On the Eigenspectrum of the Gram Matrix and Its Relationship to the Operator Eigenspectrum. Lecture Notes in Computer Science, 2002, , 12-12.	1.3	0
186	When Is Small Beautiful?. Lecture Notes in Computer Science, 2003, , 729-730.	1.3	0
187	Data Dependent Priors in PAC-Bayes Bounds. , 2010, , 231-240.		0
188	Prior Knowledge in Learning Finite Parameter Spaces. Lecture Notes in Computer Science, 2011, , 199-213.	1.3	0
189	Model Selection. , 2014, , 131-143.		0
190	Leveraging Clinical Data to Enhance Localization of Brain Atrophy. Lecture Notes in Computer Science, 2016, , 60-68.	1.3	0
191	Using Generalization Error Bounds to Train the Set Covering Machine. Lecture Notes in Computer Science, 2008, , 258-268.	1.3	0