Rong Jin

List of Publications by Year
in descending order

69 papers	4,862 citations	318942 23 h-index	312153 41 g-index
69 all docs	69 docs citations	69 times ranked	6936 citing authors

#	Article	IF	Citations
1	High-dimensional model recovery from random sketched data by exploring intrinsic sparsity. Machine Learning, 2020, 109, 899-938.	3.4	0
2	SoftTriple Loss: Deep Metric Learning Without Triplet Sampling. , 2019, , .		190
3	PI3KÎ³ (Phosphoinositide 3-Kinase Î³) Regulates Vascular Smooth Muscle Cell Phenotypic Modulation and Neointimal Formation Through CREB (Cyclic AMP-Response Element Binding Protein)/YAP (Yes-Associated Protein) Signaling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, e91-e105.	1.1	28
4	Platelet CD40 Mediates Leukocyte Recruitment and Neointima Formation after Arterial Denudation Injury in Atherosclerosis-Prone Mice. American Journal of Pathology, 2018, 188, 252-263.	1.9	10
5	Inhibition of CD147 (Cluster of Differentiation 147) Ameliorates Acute Ischemic Stroke in Mice by Reducing Thromboinflammation. Stroke, 2017, 48, 3356-3365.	1.0	65
6	Social Graph Publishing with Privacy Guarantees. , 2016, , .		9
7	Online kernel learning with nearly constant support vectors. Neurocomputing, 2016, 179, 26-36.	3.5	10
8	On Data Preconditioning for Regularized Loss Minimization. Machine Learning, 2016, 103, 57-79.	3.4	2
9	Sparse Learning for Large-Scale and High-Dimensional Data: A Randomized Convex-Concave Optimization Approach. Lecture Notes in Computer Science, 2016, , 83-97.	1.0	1
10	Stream Clustering: Efficient Kernel-Based Approximation Using Importance Sampling. , 2015, , .		4
11	Finding Multiple Stable Clusterings. , 2015, , .		9
12	Efficient distance metric learning by adaptive sampling and mini-batch stochastic gradient descent (SGD). Machine Learning, 2015, 99, 353-372.	3.4	80
13	An efficient primal dual prox method for non-smooth optimization. Machine Learning, 2015, 98, 369-406.	3.4	14
14	Online Feature Selection and Its Applications. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 698-710.	4.0	183
15	Online Multiple Kernel Similarity Learning for Visual Search. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2014, 36, 536-549.	9.7	77
16	Regret bounded by gradual variation for online convex optimization. Machine Learning, 2014, 95, 183-223.	3.4	4
17	Random Projections for Classification: A Recovery Approach. IEEE Transactions on Information Theory, 2014, 60, 7300-7316.	1.5	15
18	Roles of the Kinase TAK1 in CD40-Mediated Effects on Vascular Oxidative Stress and Neointima Formation after Vascular Injury. PLoS ONE, 2014, 9, e101671.	1.1	24

#	Article	IF	Citations
19	Large-Scale Image Annotation by Efficient and Robust Kernel Metric Learning. , 2013, , .		42
20	Compressed Hashing. , 2013, , .		47
21	Online Multiple Kernel Classification. Machine Learning, 2013, 90, 289-316.	3.4	79
22	Improved Bounds for the Nyström Method With Application to Kernel Classification. IEEE Transactions on Information Theory, 2013, 59, 6939-6949.	1.5	17
23	Power-error analysis of sensor array regression algorithms for gas mixture quantification in low-power microsystems. , 2013, , .		4
24	Simvastatin Attenuates Stroke-induced Splenic Atrophy and Lung Susceptibility to Spontaneous Bacterial Infection in Mice. Stroke, 2013, 44, 1135-1143.	1.0	54
25	Crucial Role of CD40 Signaling in Vascular Wall Cells in Neointimal Formation and Vascular Remodeling After Vascular Interventions. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 50-64.	1.1	36
26	Learning kernel combination from noisy pairwise constraints. , 2012, , .		0
27	Robust Ensemble Clustering by Matrix Completion. , 2012, , .		47
28	A Kernel Approach to Multi-Task Learning with Task-Specific Kernels. Journal of Computer Science and Technology, 2012, 27, 1289-1301.	0.9	0
29	Efficient Kernel Clustering Using Random Fourier Features. , 2012, , .		50
30	Image Retrieval in Forensics: Tattoo Image Database Application. IEEE MultiMedia, 2012, 19, 40-49.	1.5	54
31	Large-scale near-duplicate image retrieval by kernel density estimation. International Journal of Multimedia Information Retrieval, 2012, 1, 45-58.	3.6	4
32	Tattoo Image Matching and Retrieval. Computer, 2012, 45, 93-96.	1.2	5
33	Speedup of fuzzy and possibilistic kernel c-means for large-scale clustering. , 2011, , .		19
34	Phosphatidylinositol-3-Kinase Gamma Plays a Central Role in Blood–Brain Barrier Dysfunction in Acute Experimental Stroke. Stroke, 2011, 42, 2033-2044.	1.0	60
35	Distance metric learning from uncertain side information for automated photo tagging. ACM Transactions on Intelligent Systems and Technology, 2011, 2, 1-28.	2.9	15
36	Active multiple kernel learning for interactive 3D object retrieval systems. ACM Transactions on Interactive Intelligent Systems, 2011, 1, 1-27.	2.6	1

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37	Multi-label learning with incomplete class assignments. , 2011, , .		123
38	CD40 Is Essential in the Upregulation of TRAF Proteins and NF-KappaB-Dependent Proinflammatory Gene Expression after Arterial Injury. PLoS ONE, 2011, 6, e23239.	1.1	40
39	Understanding bag-of-words model: a statistical framework. International Journal of Machine Learning and Cybernetics, 2010, 1, 43-52.	2.3	837
40	Efficient Algorithm for Localized Support Vector Machine. IEEE Transactions on Knowledge and Data Engineering, 2010, 22, 537-549.	4.0	60
41	Online visual vocabulary pruning using pairwise constraints. , 2010, , .		25
42	Unsupervised Ensemble Ranking: Application to Large-Scale Image Retrieval. , 2010, , .		10
43	On the Use of Dynamic Bayesian Networks in Reconstructing Functional Neuronal Networks from Spike Train Ensembles. Neural Computation, 2010, 22, 158-189.	1.3	54
44	Inflammatory mechanisms in ischemic stroke: role of inflammatory cells. Journal of Leukocyte Biology, 2010, 87, 779-789.	1.5	1,281
45	Discriminative Semi-Supervised Feature Selection Via Manifold Regularization. IEEE Transactions on Neural Networks, 2010, 21, 1033-1047.	4.8	339
46	Phosphoinositide 3-kinase-gamma expression is upregulated in brain microglia and contributes to ischemia-induced microglial activation in acute experimental stroke. Biochemical and Biophysical Research Communications, 2010, 399, 458-464.	1.0	26
47	Periostin mediates vascular smooth muscle cell migration through the integrins $\alpha_v\beta_3$ and $\alpha_v\beta_5$ and focal adhesion kinase (FAK) pathway. Atherosclerosis, 2010, 208, 358-365.	0.4	135
48	Non-parametric Mixture Models for Clustering. Lecture Notes in Computer Science, 2010, , 334-343.	1.0	14
49	An efficient key point quantization algorithm for large scale image retrieval. , 2009, , .		9
50	Inferring functional cortical networks from spike train ensembles using Dynamic Bayesian Networks. , 2009, , .		1
51	Non-monotonic feature selection. , 2009, , .		52
52	Identifying Functional Connectivity in Large-Scale Neural Ensemble Recordings: A Multiscale Data Mining Approach. Neural Computation, 2009, 21, 450-477.	1.3	66
53	Reconstruct modular phenotype-specific gene networks by knowledge-driven matrix factorization. Bioinformatics, 2009, 25, 2236-2243.	1.8	15
54	Batch Mode Active Learning with Applications to Text Categorization and Image Retrieval. IEEE Transactions on Knowledge and Data Engineering, 2009, 21, 1233-1248.	4.0	70

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55	Scars, marks and tattoos (SMT): Soft biometric for suspect and victim identification. , 2008, , .		66
56	Semi-supervised SVM batch mode active learning for image retrieval. , 2008, , .		102
57	Reconstructing functional neuronal circuits using dynamic Bayesian networks. , 2008, 2008, 5531-4.		3
58	Active query selection for semi-supervised clustering. , 2008, , .		56
59	A Bayesian framework for knowledge driven regression model in micro-array data analysis. International Journal of Data Mining and Bioinformatics, 2008, 2, 250.	0.1	5
60	A Novel Method Incorporating Gene Ontology Information for Unsupervised Clustering and Feature Selection. PLoS ONE, 2008, 3, e3860.	1.1	12
61	Semi-Supervised Boosting for Multi-Class Classification. Lecture Notes in Computer Science, 2008, , 522-537.	1.0	38
62	Discriminative Cluster Refinement: Improving Object Category Recognition Given Limited Training Data. , 2007, , .		6
63	Identifying and Tracking the number of independent clusters of functionally interdependent neurons from biophysical models of population activity. , 2007, , .		2
64	Multi-Class Learning by Smoothed Boosting. Machine Learning, 2007, 67, 207-227.	3.4	23
65	A study of mixture models for collaborative filtering. Information Retrieval, 2006, 9, 357-382.	1.6	81
66	Collaborative image retrieval via regularized metric learning. Multimedia Systems, 2006, 12, 34-44.	3.0	41
67	A Knowledge Driven Regression Model for Gene Expression and Microarray Analysis. , 2006, 2006, 5326-9.		3
68	Integrating User Feedback Log into Relevance Feedback by Coupled SVM for Content-Based Image Retrieval. , 2005, , .		7
69	A Mixture Model for Spike Train Ensemble Analysis Using Spectral Clustering. , 0, , .		1