Rong Jin

List of Publications by Year
in descending order

69 papers	4,862 citations	279798 23 h-index	276875 41 g-index
69 all docs	69 docs citations	69 times ranked	6241 citing authors

#	Article	IF	Citations
1	Inflammatory mechanisms in ischemic stroke: role of inflammatory cells. Journal of Leukocyte Biology, 2010, 87, 779-789.	3.3	1,281
2	Understanding bag-of-words model: a statistical framework. International Journal of Machine Learning and Cybernetics, 2010, 1, 43-52.	3.6	837
3	Discriminative Semi-Supervised Feature Selection Via Manifold Regularization. IEEE Transactions on Neural Networks, 2010, 21, 1033-1047.	4.2	339
4	SoftTriple Loss: Deep Metric Learning Without Triplet Sampling. , 2019, , .		190
5	Online Feature Selection and Its Applications. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 698-710.	5.7	183
6	Periostin mediates vascular smooth muscle cell migration through the integrins $\alpha\nu\beta3$ and $\alpha\nu\beta5$ and focal adhesion kinase (FAK) pathway. Atherosclerosis, 2010, 208, 358-365.	0.8	135
7	Multi-label learning with incomplete class assignments. , 2011, , .		123
8	Semi-supervised SVM batch mode active learning for image retrieval. , 2008, , .		102
9	A study of mixture models for collaborative filtering. Information Retrieval, 2006, 9, 357-382.	2.0	81
10	Efficient distance metric learning by adaptive sampling and mini-batch stochastic gradient descent (SGD). Machine Learning, 2015, 99, 353-372.	5.4	80
11	Online Multiple Kernel Classification. Machine Learning, 2013, 90, 289-316.	5.4	79
12	Online Multiple Kernel Similarity Learning for Visual Search. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2014, 36, 536-549.	13.9	77
13	Batch Mode Active Learning with Applications to Text Categorization and Image Retrieval. IEEE Transactions on Knowledge and Data Engineering, 2009, 21, 1233-1248.	5.7	70
14	Scars, marks and tattoos (SMT): Soft biometric for suspect and victim identification. , 2008, , .		66
15	Identifying Functional Connectivity in Large-Scale Neural Ensemble Recordings: A Multiscale Data Mining Approach. Neural Computation, 2009, 21, 450-477.	2.2	66
16	Inhibition of CD147 (Cluster of Differentiation 147) Ameliorates Acute Ischemic Stroke in Mice by Reducing Thromboinflammation. Stroke, 2017, 48, 3356-3365.	2.0	65
17	Efficient Algorithm for Localized Support Vector Machine. IEEE Transactions on Knowledge and Data Engineering, 2010, 22, 537-549.	5.7	60
18	Phosphatidylinositol-3-Kinase Gamma Plays a Central Role in Blood–Brain Barrier Dysfunction in Acute Experimental Stroke. Stroke, 2011, 42, 2033-2044.	2.0	60

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19	Active query selection for semi-supervised clustering. , 2008, , .		56
20	On the Use of Dynamic Bayesian Networks in Reconstructing Functional Neuronal Networks from Spike Train Ensembles. Neural Computation, 2010, 22, 158-189.	2.2	54
21	Image Retrieval in Forensics: Tattoo Image Database Application. IEEE MultiMedia, 2012, 19, 40-49.	1.7	54
22	Simvastatin Attenuates Stroke-induced Splenic Atrophy and Lung Susceptibility to Spontaneous Bacterial Infection in Mice. Stroke, 2013, 44, 1135-1143.	2.0	54
23	Non-monotonic feature selection. , 2009, , .		52
24	Efficient Kernel Clustering Using Random Fourier Features. , 2012, , .		50
25	Robust Ensemble Clustering by Matrix Completion. , 2012, , .		47
26	Compressed Hashing. , 2013, , .		47
27	Large-Scale Image Annotation by Efficient and Robust Kernel Metric Learning. , 2013, , .		42
28	Collaborative image retrieval via regularized metric learning. Multimedia Systems, 2006, 12, 34-44.	4.7	41
29	CD40 Is Essential in the Upregulation of TRAF Proteins and NF-KappaB-Dependent Proinflammatory Gene Expression after Arterial Injury. PLoS ONE, 2011, 6, e23239.	2.5	40
30	Semi-Supervised Boosting for Multi-Class Classification. Lecture Notes in Computer Science, 2008, , 522-537.	1.3	38
31	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.	2.4	36
32	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.	2.4	28
33	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.	2.1	26
34	Online visual vocabulary pruning using pairwise constraints. , 2010, , .		25
35	Roles of the Kinase TAK1 in CD40-Mediated Effects on Vascular Oxidative Stress and Neointima Formation after Vascular Injury. PLoS ONE, 2014, 9, e101671.	2.5	24
36	Multi-Class Learning by Smoothed Boosting. Machine Learning, 2007, 67, 207-227.	5.4	23

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37	Speedup of fuzzy and possibilistic kernel c-means for large-scale clustering. , 2011, , .		19
38	Improved Bounds for the Nyström Method With Application to Kernel Classification. IEEE Transactions on Information Theory, 2013, 59, 6939-6949.	2.4	17
39	Reconstruct modular phenotype-specific gene networks by knowledge-driven matrix factorization. Bioinformatics, 2009, 25, 2236-2243.	4.1	15
40	Distance metric learning from uncertain side information for automated photo tagging. ACM Transactions on Intelligent Systems and Technology, 2011, 2, 1-28.	4.5	15
41	Random Projections for Classification: A Recovery Approach. IEEE Transactions on Information Theory, 2014, 60, 7300-7316.	2.4	15
42	An efficient primal dual prox method for non-smooth optimization. Machine Learning, 2015, 98, 369-406.	5.4	14
43	Non-parametric Mixture Models for Clustering. Lecture Notes in Computer Science, 2010, , 334-343.	1.3	14
44	A Novel Method Incorporating Gene Ontology Information for Unsupervised Clustering and Feature Selection. PLoS ONE, 2008, 3, e3860.	2.5	12
45	Unsupervised Ensemble Ranking: Application to Large-Scale Image Retrieval. , 2010, , .		10
46	Online kernel learning with nearly constant support vectors. Neurocomputing, 2016, 179, 26-36.	5.9	10
47	Platelet CD40 Mediates Leukocyte Recruitment and Neointima Formation after Arterial Denudation Injury in Atherosclerosis-Prone Mice. American Journal of Pathology, 2018, 188, 252-263.	3.8	10
48	An efficient key point quantization algorithm for large scale image retrieval. , 2009, , .		9
49	Finding Multiple Stable Clusterings. , 2015, , .		9
50	Social Graph Publishing with Privacy Guarantees. , 2016, , .		9
51	Integrating User Feedback Log into Relevance Feedback by Coupled SVM for Content-Based Image Retrieval. , 2005, , .		7
52	Discriminative Cluster Refinement: Improving Object Category Recognition Given Limited Training Data. , 2007, , .		6
53	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
54	Tattoo Image Matching and Retrieval. Computer, 2012, 45, 93-96.	1.1	5

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55	Large-scale near-duplicate image retrieval by kernel density estimation. International Journal of Multimedia Information Retrieval, 2012, 1, 45-58.	5.2	4
56	Power-error analysis of sensor array regression algorithms for gas mixture quantification in low-power microsystems. , 2013, , .		4
57	Regret bounded by gradual variation for online convex optimization. Machine Learning, 2014, 95, 183-223.	5.4	4
58	Stream Clustering: Efficient Kernel-Based Approximation Using Importance Sampling. , 2015, , .		4
59	A Knowledge Driven Regression Model for Gene Expression and Microarray Analysis. , 2006, 2006, 5326-9.		3
60	Reconstructing functional neuronal circuits using dynamic Bayesian networks. , 2008, 2008, 5531-4.		3
61	Identifying and Tracking the number of independent clusters of functionally interdependent neurons from biophysical models of population activity. , 2007, , .		2
62	On Data Preconditioning for Regularized Loss Minimization. Machine Learning, 2016, 103, 57-79.	5.4	2
63	A Mixture Model for Spike Train Ensemble Analysis Using Spectral Clustering. , 0, , .		1
64	Inferring functional cortical networks from spike train ensembles using Dynamic Bayesian Networks. , 2009, , .		1
65	Active multiple kernel learning for interactive 3D object retrieval systems. ACM Transactions on Interactive Intelligent Systems, 2011, 1, 1-27.	3.7	1
66	Sparse Learning for Large-Scale and High-Dimensional Data: A Randomized Convex-Concave Optimization Approach. Lecture Notes in Computer Science, 2016, , 83-97.	1.3	1
67	Learning kernel combination from noisy pairwise constraints. , 2012, , .		0
68	A Kernel Approach to Multi-Task Learning with Task-Specific Kernels. Journal of Computer Science and Technology, 2012, 27, 1289-1301.	1.5	0
69	High-dimensional model recovery from random sketched data by exploring intrinsic sparsity. Machine Learning, 2020, 109, 899-938.	5.4	0