

Ling Jian

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

523
citations

13
h-index

22
g-index

38
ext. papers

642
ext. citations

3.9
avg, IF

3.99
L-index

#	Paper	IF	Citations
35	Modeling of the Thermal State Change of Blast Furnace Hearth With Support Vector Machines. <i>IEEE Transactions on Industrial Electronics</i> , 2012 , 59, 1134-1145	8.9	105
34	Binary Coding SVMs for the Multiclass Problem of Blast Furnace System. <i>IEEE Transactions on Industrial Electronics</i> , 2013 , 60, 3846-3856	8.9	51
33	Rule Extraction From Fuzzy-Based Blast Furnace SVM Multiclassifier for Decision-Making. <i>IEEE Transactions on Fuzzy Systems</i> , 2014 , 22, 586-596	8.3	46
32	Constructing Multiple Kernel Learning Framework for Blast Furnace Automation. <i>IEEE Transactions on Automation Science and Engineering</i> , 2012 , 9, 763-777	4.9	38
31	Application of Least Squares Support Vector Machines to Predict the Silicon Content in Blast Furnace Hot Metal. <i>ISIJ International</i> , 2008 , 48, 1659-1661	1.7	34
30	A Sliding-window Smooth Support Vector Regression Model for Nonlinear Blast Furnace System. <i>Steel Research International</i> , 2011 , 82, 169-179	1.6	30
29	Design of a multiple kernel learning algorithm for LS-SVM by convex programming. <i>Neural Networks</i> , 2011 , 24, 476-83	9.1	26
28	Data-driven modeling based on volterra series for multidimensional blast furnace system. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 2272-83		25
27	Toward online node classification on streaming networks. <i>Data Mining and Knowledge Discovery</i> , 2018 , 32, 231-257	5.6	23
26	Adaptive Least Squares Support Vector Machine Predictor for Blast Furnace Ironmaking Process. <i>ISIJ International</i> , 2015 , 55, 845-850	1.7	19
25	A chunk updating LS-SVMs based on block Gaussian elimination method. <i>Applied Soft Computing Journal</i> , 2017 , 51, 96-104	7.5	15
24	Wiener Model Identification of Blast Furnace Ironmaking Process. <i>ISIJ International</i> , 2008 , 48, 1734-1738	1.7	15
23	A Noise-Resilient Online Learning Algorithm for Scene Classification. <i>Remote Sensing</i> , 2018 , 10, 1836	5	14
22	Budget Online Learning Algorithm for Least Squares SVM. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 2076-2087	10.3	11
21	Robust exponential squared loss-based variable selection for high-dimensional single-index varying-coefficient model. <i>Journal of Computational and Applied Mathematics</i> , 2016 , 308, 330-345	2.4	9
20	A novel algorithm for validating peptide identification from a shotgun proteomics search engine. <i>Journal of Proteome Research</i> , 2013 , 12, 1108-19	5.6	7
19	On augmentation block triangular preconditioners for regularized saddle point problems. <i>Computers and Mathematics With Applications</i> , 2015 , 69, 828-837	2.7	6

18	l2 Multiple Kernel Fuzzy SVM-Based Data Fusion for Improving Peptide Identification. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2016 , 13, 804-9	3	6
17	An adaptive classification model for peptide identification. <i>BMC Genomics</i> , 2015 , 16 Suppl 11, S1	4.5	6
16	Laplace error penalty-based M-type model detection for a class of high dimensional semiparametric models. <i>Journal of Computational and Applied Mathematics</i> , 2019 , 347, 210-221	2.4	6
15	On the eigenvalue distribution of preconditioned nonsymmetric saddle point matrices. <i>Numerical Linear Algebra With Applications</i> , 2014 , 21, 557-568	1.6	5
14	Improving the Solution of Least Squares Support Vector Machines with Application to a Blast Furnace System. <i>Journal of Applied Mathematics</i> , 2012 , 2012, 1-12	1.1	5
13	Exploiting Expertise Rules for Statistical Data-Driven Modeling. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 8647-8656	8.9	4
12	A weighted SVM ensemble predictor based on AdaBoost for blast furnace Ironmaking process. <i>Applied Intelligence</i> , 2020 , 50, 1997-2008	4.9	4
11	Robust check loss-based variable selection of high-dimensional single-index varying-coefficient model. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2016 , 36, 109-128	3.7	4
10	Toward Budgeted Online Kernel Ridge Regression on Streaming Data. <i>IEEE Access</i> , 2019 , 7, 26136-26145	3.5	2
9	Online multi-label learning with cost-sensitive budgeted SVM. <i>International Journal of Computational Science and Engineering</i> , 2018 , 17, 324	0.4	2
8	Exploiting Multilabel Information for Noise-Resilient Feature Selection. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2018 , 9, 1-23	8	2
7	Pol-SAR Based Oil Spillage Classification With Various Scenarios of Prior Knowledge. <i>IEEE Access</i> , 2019 , 7, 66895-66909	3.5	1
6	Canal-LASSO: A sparse noise-resilient online linear regression model. <i>Intelligent Data Analysis</i> , 2020 , 24, 993-1010	1.1	1
5	Kernel-based online regression with canal loss. <i>European Journal of Operational Research</i> , 2021 , 297, 268-268	5.6	1
4	A cost-sensitive online learning method for peptide identification. <i>BMC Genomics</i> , 2020 , 21, 324	4.5	0
3	Block Empirical Likelihood for Longitudinal Single-Index Varying-Coefficient Model. <i>Journal of Applied Mathematics</i> , 2013 , 2013, 1-10	1.1	
2	Anomaly Detection Aided Budget Online Classification for Imbalanced Data Streams. <i>IEEE Intelligent Systems</i> , 2021 , 36, 14-22	4.2	
1	A noise-resilient online learning algorithm with ramp loss for ordinal regression. <i>Intelligent Data Analysis</i> , 2022 , 26, 379-405	1.1	

