

# Ling Jian

## List of Publications by Year in descending order

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38  
papers

727  
citations

623699

14  
h-index

526264

27  
g-index

38  
all docs

38  
docs citations

38  
times ranked

479  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of the Thermal State Change of Blast Furnace Hearth With Support Vector Machines. IEEE Transactions on Industrial Electronics, 2012, 59, 1134-1145.	7.9	136
2	Rule Extraction From Fuzzy-Based Blast Furnace SVM Multiclassifier for Decision-Making. IEEE Transactions on Fuzzy Systems, 2014, 22, 586-596.	9.8	70
3	Binary Coding SVMs for the Multiclass Problem of Blast Furnace System. IEEE Transactions on Industrial Electronics, 2013, 60, 3846-3856.	7.9	63
4	Application of Least Squares Support Vector Machines to Predict the Silicon Content in Blast Furnace Hot Metal. ISIJ International, 2008, 48, 1659-1661.	1.4	51
5	Constructing Multiple Kernel Learning Framework for Blast Furnace Automation. IEEE Transactions on Automation Science and Engineering, 2012, 9, 763-777.	5.2	48
6	A Sliding-Window Smooth Support Vector Regression Model for Nonlinear Blast Furnace System. Steel Research International, 2011, 82, 169-179.	1.8	35
7	Design of a multiple kernel learning algorithm for LS-SVM by convex programming. Neural Networks, 2011, 24, 476-483.	5.9	31
8	Toward online node classification on streaming networks. Data Mining and Knowledge Discovery, 2018, 32, 231-257.	3.7	31
9	Data-Driven Modeling Based on Volterra Series for Multidimensional Blast Furnace System. IEEE Transactions on Neural Networks, 2011, 22, 2272-2283.	4.2	29
10	Adaptive Least Squares Support Vector Machine Predictor for Blast Furnace Ironmaking Process. ISIJ International, 2015, 55, 845-850.	1.4	24
11	A Noise-Resilient Online Learning Algorithm for Scene Classification. Remote Sensing, 2018, 10, 1836.	4.0	23
12	Budget Online Learning Algorithm for Least Squares SVM. IEEE Transactions on Neural Networks and Learning Systems, 2016, 28, 1-12.	11.3	21
13	Wiener Model Identification of Blast Furnace Ironmaking Process. ISIJ International, 2008, 48, 1734-1738.	1.4	18
14	A chunk updating LS-SVMs based on block Gaussian elimination method. Applied Soft Computing Journal, 2017, 51, 96-104.	7.2	17
15	Robust exponential squared loss-based variable selection for high-dimensional single-index varying-coefficient model. Journal of Computational and Applied Mathematics, 2016, 308, 330-345.	2.0	15
16	A weighted SVM ensemble predictor based on AdaBoost for blast furnace Ironmaking process. Applied Intelligence, 2020, 50, 1997-2008.	5.3	14
17	A Novel Algorithm for Validating Peptide Identification from a Shotgun Proteomics Search Engine. Journal of Proteome Research, 2013, 12, 1108-1119.	3.7	11
18	Pol-SAR Based Oil Spillage Classification With Various Scenarios of Prior Knowledge. IEEE Access, 2019, 7, 66895-66909.	4.2	9

#	ARTICLE	IF	CITATIONS
19	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.	2.0	8
20	On the eigenvalue distribution of preconditioned nonsymmetric saddle point matrices. <i>Numerical Linear Algebra With Applications</i> , 2014, 21, 557-568.	1.6	7
21	Kernel-based online regression with canal loss. <i>European Journal of Operational Research</i> , 2022, 297, 268-279.	5.7	7
22	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.	0.9	6
23	An adaptive classification model for peptide identification. <i>BMC Genomics</i> , 2015, 16, S1.	2.8	6
24	On augmentation block triangular preconditioners for regularized saddle point problems. <i>Computers and Mathematics With Applications</i> , 2015, 69, 828-837.	2.7	6
25	Multiple Kernel Fuzzy SVM-Based Data Fusion for Improving Peptide Identification. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2016, 13, 804-809.	3.0	6
26	Toward Budgeted Online Kernel Ridge Regression on Streaming Data. <i>IEEE Access</i> , 2019, 7, 26136-26145.	4.2	6
27	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.	3.3	5
28	Exploiting Expertise Rules for Statistical Data-Driven Modeling. <i>IEEE Transactions on Industrial Electronics</i> , 2017, 64, 8647-8656.	7.9	5
29	Exploiting Multilabel Information for Noise-Resilient Feature Selection. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2018, 9, 1-23.	4.5	5
30	Anomaly Detection Aided Budget Online Classification for Imbalanced Data Streams. <i>IEEE Intelligent Systems</i> , 2021, 36, 14-22.	4.0	5
31	Canal-LASSO: A sparse noise-resilient online linear regression model. <i>Intelligent Data Analysis</i> , 2020, 24, 993-1010.	0.9	4
32	Online multi-label learning with cost-sensitive budgeted SVM. <i>International Journal of Computational Science and Engineering</i> , 2018, 17, 324.	0.5	2
33	A cost-sensitive online learning method for peptide identification. <i>BMC Genomics</i> , 2020, 21, 324.	2.8	2
34	Kernel learning with nonconvex ramp loss. <i>Statistical Analysis and Data Mining</i> , 0, , .	2.8	1
35	Block Empirical Likelihood for Longitudinal Single-Index Varying-Coefficient Model. <i>Journal of Applied Mathematics</i> , 2013, 2013, 1-10.	0.9	0
36	An efficient ACS algorithm for classification-based peptide identification. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
37	A noise-resilient online learning algorithm with ramp loss for ordinal regression. Intelligent Data Analysis, 2022, 26, 379-405.	0.9	0
38	Variational Quantum Support Vector Machine Based on Hadamard Test. Communications in Theoretical Physics, 0, , .	2.5	0