

Xun Liang

List of Publications by Year in descending order

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74
papers

784
citations

759233

12
h-index

552781

26
g-index

77
all docs

77
docs citations

77
times ranked

689
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross-Platform Identification of Anonymous Identical Users in Multiple Social Media Networks. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 411-424.	5.7	147
2	Structure Based User Identification across Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1178-1191.	5.7	114
3	Associating stock prices with web financial information time series based on support vector regression. Neurocomputing, 2013, 115, 142-149.	5.9	75
4	AT-LSTM: An Attention-based LSTM Model for Financial Time Series Prediction. IOP Conference Series: Materials Science and Engineering, 2019, 569, 052037.	0.6	56
5	Improving option price forecasts with neural networks and support vector regressions. Neurocomputing, 2009, 72, 3055-3065.	5.9	50
6	An Effective Method of Pruning Support Vector Machine Classifiers. IEEE Transactions on Neural Networks, 2010, 21, 26-38.	4.2	33
7	A Stock Pattern Recognition Algorithm Based on Neural Networks. , 2007, , .		25
8	On Structural Features, User Social Behavior, and Kinship Discrimination in Communication Social Networks. IEEE Transactions on Computational Social Systems, 2020, 7, 425-436.	4.4	24
9	Network Environment and Financial Risk Using Machine Learning and Sentiment Analysis. Human and Ecological Risk Assessment (HERA), 2009, 15, 227-252.	3.4	23
10	Pruning Support Vector Machines Without Altering Performances. IEEE Transactions on Neural Networks, 2008, 19, 1792-1803.	4.2	22
11	A Novel Trigger Model for Sales Prediction with Data Mining Techniques. Data Science Journal, 2015, 14, 15.	1.3	18
12	Removal of hidden neurons in multilayer perceptrons by orthogonal projection and weight crosswise propagation. Neural Computing and Applications, 2006, 16, 57-68.	5.6	15
13	Discrete time information diffusion in online social networks: micro and macro perspectives. Scientific Reports, 2018, 8, 11872.	3.3	15
14	Noniterative Sparse LS-SVM Based on Globally Representative Point Selection. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 788-798.	11.3	13
15	Modeling Large-Scale Dynamic Social Networks via Node Embeddings. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 1994-2007.	5.7	12
16	A Novel Forecasting Method for Large-Scale Sales Prediction Using Extreme Learning Machine. , 2014, , .		11
17	Hyperellipsoidal Statistical Classifications in a Reproducing Kernel Hilbert Space. IEEE Transactions on Neural Networks, 2011, 22, 968-975.	4.2	10
18	A Multiple Kernel Learning Model Based on $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1" \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -Norm. Computational Intelligence and Neuroscience, 2018, 2018, 1-7.	1.7	8

#	ARTICLE	IF	CITATIONS
19	A unified mathematical form for removing neurons based on orthogonal projection and crosswise propagation. <i>Neural Computing and Applications</i> , 2010, 19, 445-457.	5.6	7
20	An architecture-adaptive neural network online control system. <i>Neural Computing and Applications</i> , 2008, 17, 413-423.	5.6	6
21	Fast pruning superfluous support vectors in SVMs. <i>Pattern Recognition Letters</i> , 2013, 34, 1203-1209.	4.2	5
22	A Time Series Forecasting Model Based on Deep Learning Integrated Algorithm with Stacked Autoencoders and SVR for FX Prediction. <i>Lecture Notes in Computer Science</i> , 2016, , 326-335.	1.3	5
23	Micro-blog user community discovery using generalized SimRank edge weighting method. <i>PLoS ONE</i> , 2018, 13, e0196447.	2.5	5
24	CRM business cloud computing. , 2011, , .		4
25	Learning distributed representations for large-scale dynamic social networks. , 2017, , .		4
26	On Identification of Organizational and Individual Users Based on Social Content Measurements. <i>IEEE Transactions on Computational Social Systems</i> , 2018, 5, 961-972.	4.4	4
27	Cycle Based Network Centrality. <i>Scientific Reports</i> , 2018, 8, 11749.	3.3	4
28	An unsupervised user identification algorithm using network embedding and scalable nearest neighbour. <i>Cluster Computing</i> , 2019, 22, 8677-8687.	5.0	4
29	Distinguishing Oracle Variants Based on the Isomorphism and Symmetry Invariances of Oracle-Bone Inscriptions. <i>IEEE Access</i> , 2020, 8, 152258-152275.	4.2	4
30	Information Propagation Formalized Representation of Micro-blog Network Based on Petri Nets. <i>Scientific Reports</i> , 2020, 10, 657.	3.3	4
31	Learning Causal Structures Based on Markov Equivalence Class. <i>Lecture Notes in Computer Science</i> , 2005, , 92-106.	1.3	4
32	Pricing Options in Hong Kong Market Based on Neural Networks. <i>Lecture Notes in Computer Science</i> , 2006, , 410-419.	1.3	4
33	Feature space versus empirical kernel map and row kernel space in SVMs. <i>Neural Computing and Applications</i> , 2010, 19, 487-498.	5.6	3
34	Stock Price Forecasting with Support Vector Machines Based on Web Financial Information Sentiment Analysis. <i>Lecture Notes in Computer Science</i> , 2012, , 527-538.	1.3	3
35	A Novel Edge Weighting Method to Enhance Network Community Detection. , 2015, , .		3
36	HSEM: highly scalable node embedding for link prediction in very large-scale social networks. <i>World Wide Web</i> , 2019, 22, 2799-2824.	4.0	3

#	ARTICLE	IF	CITATIONS
37	Building Character Graphs and Dividing Communities in Chinese Novels Based on Graph Data Extraction: Community Division for Character Emotional Polarity Networks. IEEE Access, 2020, 8, 95559-95573.	4.2	3
38	The coordinate descent method with stochastic optimization for linear support vector machines. Neural Computing and Applications, 2013, 22, 1261-1266.	5.6	2
39	Features Extraction and Reconstruction of Country Risk based on Empirical EMD. Procedia Computer Science, 2014, 31, 265-272.	2.0	2
40	A Succinct Distributive Big Data Clustering Algorithm Based on Local-Remote Coordination. , 2015, , .		2
41	Discerning the Trend: Concealing Deceptive Reviews. , 2015, , .		2
42	Fast-Solving Quasi-Optimal LS-SVM Based on an Extended Candidate Set. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1120-1131.	11.3	2
43	Cyberphysical Human Sexual Behavior Acquisition System (SeBA): Development and Implementation Study in China. JMIR MHealth and UHealth, 2020, 8, e12677.	3.7	2
44	Separating hypersurfaces of SVMs in input spaces. Pattern Recognition Letters, 2009, 30, 469-476.	4.2	1
45	Online mining in unstructured financial information: An empirical study in bulletin news. , 2015, , .		1
46	Emergency Decision Support Architectures for Bus Hijacking Based on Massive Image Anomaly Detection in Social Networks. , 2015, , .		1
47	Resolving inconsistent ratings and reviews on commercial webs based on support vector machines. , 2015, , .		1
48	Protein complexes prediction via positive and unlabeled learning of the PPI networks. , 2016, , .		1
49	On statistical social behaviors from millions of cell phone users. Physica A: Statistical Mechanics and Its Applications, 2018, 512, 456-467.	2.6	1
50	Scalable Triangle Discovery Algorithm for Large Scale-Free Network with Limited Internal Memory. IEEE Transactions on Big Data, 2020, 6, 757-769.	6.1	1
51	Analysis of the Vaccine Effect on Infectious Diseases by System Dynamics Model. , 2021, , .		1
52	Mathematical Analysis of Classifying Convex Clusters Based on Support Functionals. Lecture Notes in Computer Science, 2005, , 761-768.	1.3	1
53	A Simple Method of Forecasting Option Prices Based on Neural Networks. Lecture Notes in Computer Science, 2009, , 586-593.	1.3	1
54	Sparse Subspace Clustering via Closure Subgraph Based on Directed Graph. Lecture Notes in Computer Science, 2016, , 75-84.	1.3	1

#	ARTICLE	IF	CITATIONS
55	An Approach to Mining Local Causal Relationships from Databases. Lecture Notes in Computer Science, 2005, , 51-58.	1.3	0
56	The valuation of china venture capital guiding fund policy based on options model. , 2007, , .		0
57	Pricing local search engines for company websites. Electronic Commerce Research and Applications, 2008, 7, 423-431.	5.0	0
58	How external factors influence stock market: A model based SVM. , 2010, , .		0
59	An Experimental Study on Number of Support Vectors in N-bit Parity Problem. , 2010, , .		0
60	An empirical study of LMSV model in China stock market based on realized volatility. , 2015, , .		0
61	Mining gold in senior executives' pockets: An online automatically trading strategy. , 2015, , .		0
62	A hybrid model for stock price based on wavelet transform and support vector machines. , 2015, , .		0
63	Behavior of retweeting in microblogging service: A study of information propagation from user attributes. , 2016, , .		0
64	Financing amount and influence factors analysis in IT industry. , 2016, , .		0
65	Exploration of polygons in online social networks. Cluster Computing, 2019, 22, 3841-3848.	5.0	0
66	Convex Edges in Social Networks. IEEE Transactions on Computational Social Systems, 2020, 7, 58-67.	4.4	0
67	Revisiting the Feldâ€™s Friendship Paradox in Online Social Networks. IEEE Access, 2020, 8, 24062-24071.	4.2	0
68	Public Opinion Analysis and Guidance under Epidemic Situation. , 2021, , .		0
69	RGB-D Scene Recognition based on Object-Scene Relation and Semantics-Preserving Attention. , 2021, , .		0
70	Complexity of Error Hypersurfaces in Multilayer Perceptrons with General Multi-input and Multi-output Architecture. Lecture Notes in Computer Science, 2005, , 87-94.	1.3	0
71	Optimal Pricing for Web Search Engines. Lecture Notes in Computer Science, 2005, , 670-679.	1.3	0
72	Solving Support Vector Machines beyond Dual Programming. Lecture Notes in Computer Science, 2011, , 510-518.	1.3	0

#	ARTICLE	IF	CITATIONS
73	Community Detection of Chinese Micro-Blogging Using Multi-Dimensional Weighted Network. Open Cybernetics and Systemics Journal, 2014, 8, 1188-1197.	0.3	0
74	Social Network Propagation Mechanism and Online User Behavior Analysis. , 2020, , 179-230.		0