Xun Liang

List of Publications by Year
in descending order

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	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
2	Public Opinion Analysis and Guidance under Epidemic Situation. , 2021, , .		0
3	Analysis of the Vaccine Effect on Infectious Diseases by System Dynamics Model. , 2021, , .		1
4	RGB-D Scene Recognition based on Object-Scene Relation and Semantics-Preserving Attention. , 2021, , .		0
5	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
6	Distinguishing Oracle Variants Based on the Isomorphism and Symmetry Invariances of Oracle-Bone Inscriptions. IEEE Access, 2020, 8, 152258-152275.	4.2	4
7	Convex Edges in Social Networks. IEEE Transactions on Computational Social Systems, 2020, 7, 58-67.	4.4	0
8	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
9	Revisiting the Feldâ€™s Friendship Paradox in Online Social Networks. IEEE Access, 2020, 8, 24062-24071.	4.2	0
10	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
11	Information Propagation Formalized Representation of Micro-blog Network Based on Petri Nets. Scientific Reports, 2020, 10, 657.	3.3	4
12	Cyberphysical Human Sexual Behavior Acquisition System (SeBA): Development and Implementation Study in China. JMIR MHealth and UHealth, 2020, 8, e12677.	3.7	2
13	Social Network Propagation Mechanism and Online User Behavior Analysis. , 2020, , 179-230.		0
14	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
15	HSEM: highly scalable node embedding for link prediction in very large-scale social networks. World Wide Web, 2019, 22, 2799-2824.	4.0	3
16	Modeling Large-Scale Dynamic Social Networks via Node Embeddings. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 1994-2007.	5.7	12
17	Exploration of polygons in online social networks. Cluster Computing, 2019, 22, 3841-3848.	5.0	0
18	An unsupervised user identification algorithm using network embedding and scalable nearest neighbour. Cluster Computing, 2019, 22, 8677-8687.	5.0	4

#	Article	IF	Citations
19	Structure Based User Identification across Social Networks. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1178-1191.	5.7	114
20	Fast-Solving Quasi-Optimal LS-S³VM Based on an Extended Candidate Set. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1120-1131.	11.3	2
21	On Identification of Organizational and Individual Users Based on Social Content Measurements. IEEE Transactions on Computational Social Systems, 2018, 5, 961-972.	4.4	4
22	Micro-blog user community discovery using generalized SimRank edge weighting method. PLoS ONE, 2018, 13, e0196447.	2.5	5
23	A Multiple Kernel Learning Model Based on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:mi>p</mml:mi></mml:mrow></mml:math>-Norm. Computational Intelligence and Neuroscience, 2018, 2018, 1-7.	1.7	8
24	Discrete time information diffusion in online social networks: micro and macro perspectives. Scientific Reports, 2018, 8, 11872.	3.3	15
25	Cycle Based Network Centrality. Scientific Reports, 2018, 8, 11749.	3.3	4
26	On statistical social behaviors from millions of cell phone users. Physica A: Statistical Mechanics and Its Applications, 2018, 512, 456-467.	2.6	1
27	Learning distributed representations for large-scale dynamic social networks. , 2017, , .		4
28	Behavior of retweeting in microblogging service: A study of information propagation from user attributes. , 2016, , .		0
29	Financing amount and influence factors analysis in IT industry. , 2016, , .		0
30	A Time Series Forecasting Model Based on Deep Learning Integrated Algorithm with Stacked Autoencoders and SVR for FX Prediction. Lecture Notes in Computer Science, 2016, , 326-335.	1.3	5
31	Protein complexes prediction via positive and unlabeled learning of the PPI networks. , 2016, , .		1
32	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
33	Sparse Subspace Clustering via Closure Subgraph Based on Directed Graph. Lecture Notes in Computer Science, 2016, , 75-84.	1.3	1
34	A Novel Edge Weighting Method to Enhance Network Community Detection. , 2015, , .		3
35	An empirical study of LMSV model in China stock market based on realized volatility. , 2015, , .		0
36	Online mining in unstructured financial information: An empirical study in bulletin news. , 2015, , .		1

#	Article	IF	Citations
37	A Succinct Distributive Big Data Clustering Algorithm Based on Local-Remote Coordination. , 2015, , .		2
38	Emergency Decision Support Architectures for Bus Hijacking Based on Massive Image Anomaly Detection in Social Networks. , 2015, , .		1
39	Discerning the Trend: Concealing Deceptive Reviews. , 2015, , .		2
40	Mining gold in senior executives' pockets: An online automatically trading strategy. , 2015, , .		0
41	A hybrid model for stock price based on wavelet transform and support vector machines. , 2015, , .		0
42	Resolving inconsistent ratings and reviews on commercial webs based on support vector machines. , 2015, , .		1
43	A Novel Trigger Model for Sales Prediction with Data Mining Techniques. Data Science Journal, 2015, 14, 15.	1.3	18
44	A Novel Forecasting Method for Large-Scale Sales Prediction Using Extreme Learning Machine. , 2014, , .		11
45	Features Extraction and Reconstruction of Country Risk based on Empirical EMD. Procedia Computer Science, 2014, 31, 265-272.	2.0	2
46	Community Detection of Chinese Micro-Blogging Using Multi-Dimensional Weighted Network. Open Cybernetics and Systemics Journal, 2014, 8, 1188-1197.	0.3	0
47	The coordinate descent method with stochastic optimization for linear support vector machines. Neural Computing and Applications, 2013, 22, 1261-1266.	5.6	2
48	Fast pruning superfluous support vectors in SVMs. Pattern Recognition Letters, 2013, 34, 1203-1209.	4.2	5
49	Associating stock prices with web financial information time series based on support vector regression. Neurocomputing, 2013, 115, 142-149.	5.9	75
50	Stock Price Forecasting with Support Vector Machines Based on Web Financial Information Sentiment Analysis. Lecture Notes in Computer Science, 2012, , 527-538.	1.3	3
51	Hyperellipsoidal Statistical Classifications in a Reproducing Kernel Hilbert Space. IEEE Transactions on Neural Networks, 2011, 22, 968-975.	4.2	10
52	CRM business cloud computing. , 2011, , .		4
53	Solving Support Vector Machines beyond Dual Programming. Lecture Notes in Computer Science, 2011, , 510-518.	1.3	0
54	A unified mathematical form for removing neurons based on orthogonal projection and crosswise propagation. Neural Computing and Applications, 2010, 19, 445-457.	5.6	7

#	Article	IF	Citations
55	Feature space versus empirical kernel map and row kernel space in SVMs. Neural Computing and Applications, 2010, 19, 487-498.	5.6	3
56	How external factors influence stock market: A model based SVM. , 2010, , .		0
57	An Experimental Study on Number of Support Vectors in N-bit Parity Problem. , 2010, , .		0
58	An Effective Method of Pruning Support Vector Machine Classifiers. IEEE Transactions on Neural Networks, 2010, 21, 26-38.	4.2	33
59	Improving option price forecasts with neural networks and support vector regressions. Neurocomputing, 2009, 72, 3055-3065.	5.9	50
60	Separating hypersurfaces of SVMs in input spaces. Pattern Recognition Letters, 2009, 30, 469-476.	4.2	1
61	Network Environment and Financial Risk Using Machine Learning and Sentiment Analysis. Human and Ecological Risk Assessment (HERA), 2009, 15, 227-252.	3.4	23
62	A Simple Method of Forecasting Option Prices Based on Neural Networks. Lecture Notes in Computer Science, 2009, , 586-593.	1.3	1
63	An architecture-adaptive neural network online control system. Neural Computing and Applications, 2008, 17, 413-423.	5.6	6
64	Pricing local search engines for company websites. Electronic Commerce Research and Applications, 2008, 7, 423-431.	5.0	0
65	Pruning Support Vector Machines Without Altering Performances. IEEE Transactions on Neural Networks, 2008, 19, 1792-1803.	4.2	22
66	A Stock Pattern Recognition Algorithm Based on Neural Networks. , 2007, , .		25
67	The valuation of china venture capital guiding fund policy based on options model. , 2007, , .		0
68	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
69	Pricing Options in Hong Kong Market Based on Neural Networks. Lecture Notes in Computer Science, 2006, , 410-419.	1.3	4
70	An Approach to Mining Local Causal Relationships from Databases. Lecture Notes in Computer Science, 2005, , 51-58.	1.3	0
71	Mathematical Analysis of Classifying Convex Clusters Based on Support Functionals. Lecture Notes in Computer Science, 2005, , 761-768.	1.3	1
72	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

#	Article	IF	Citations
73	Optimal Pricing for Web Search Engines. Lecture Notes in Computer Science, 2005, , 670-679.	1.3	0
74	Learning Causal Structures Based on Markov Equivalence Class. Lecture Notes in Computer Science, 2005, , 92-106.	1.3	4