

Jaewook Lee

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.

98
papers

1,833
citations

22
h-index

39
g-index

111
ext. papers

2,269
ext. citations

5.2
avg, IF

5.45
L-index

#	Paper	IF	Citations
98	An Empirical Study on Modeling and Prediction of Bitcoin Prices With Bayesian Neural Networks Based on Blockchain Information. <i>IEEE Access</i> , 2018 , 6, 5427-5437	3.5	183
97	An improved cluster labeling method for support vector clustering. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2005 , 27, 461-464	13.3	155
96	Dynamic characterization of cluster structures for robust and inductive support vector clustering. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2006 , 28, 1869-74	13.3	90
95	Domain described support vector classifier for multi-classification problems. <i>Pattern Recognition</i> , 2007 , 40, 41-51	7.7	85
94	A Fair Listen-Before-Talk Algorithm for Coexistence of LTE-U and WLAN. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 10116-10120	6.8	71
93	Designing of Variables Repetitive Group Sampling Plan Involving Minimum Average Sample Number. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2005 , 34, 799-809	0.6	62
92	Improving memory-based collaborative filtering via similarity updating and prediction modulation. <i>Information Sciences</i> , 2010 , 180, 602-612	7.7	58
91	A novel method for measuring semantic similarity for XML schema matching. <i>Expert Systems With Applications</i> , 2008 , 34, 1651-1658	7.8	55
90	Classification-based collaborative filtering using market basket data. <i>Expert Systems With Applications</i> , 2005 , 29, 700-704	7.8	53
89	. <i>IEEE Transactions on Automatic Control</i> , 2004 , 49, 888-899	5.9	48
88	Sentiment visualization and classification via semi-supervised nonlinear dimensionality reduction. <i>Pattern Recognition</i> , 2014 , 47, 758-768	7.7	45
87	Equilibrium-based support vector machine for semisupervised classification. <i>IEEE Transactions on Neural Networks</i> , 2007 , 18, 578-83		44
86	Parametric models and non-parametric machine learning models for predicting option prices: Empirical comparison study over KOSPI 200 Index options. <i>Expert Systems With Applications</i> , 2014 , 41, 5227-5237	7.8	43
85	Fast support-based clustering method for large-scale problems. <i>Pattern Recognition</i> , 2010 , 43, 1975-1983	7.7	41
84	An iterative semi-explicit rating method for building collaborative recommender systems. <i>Expert Systems With Applications</i> , 2009 , 36, 6181-6186	7.8	36
83	Clustering based on gaussian processes. <i>Neural Computation</i> , 2007 , 19, 3088-107	2.9	35
82	Spatial and Temporal Computation Offloading Decision Algorithm in Edge Cloud-Enabled Heterogeneous Networks. <i>IEEE Access</i> , 2018 , 6, 18920-18932	3.5	34

81	Joint economic production allocation and ordering policies in a supply chain consisting of multiple plants and a single retailer. <i>International Journal of Production Research</i> , 2005 , 43, 3619-3632	7.8	33
80	Predictability of machine learning techniques to forecast the trends of market index prices: Hypothesis testing for the Korean stock markets. <i>PLoS ONE</i> , 2017 , 12, e0188107	3.7	32
79	Dynamic Dissimilarity Measure for Support-Based Clustering. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2010 , 22, 900-905	4.2	29
78	Forecasting trends of high-frequency KOSPI200 index data using learning classifiers. <i>Expert Systems With Applications</i> , 2012 , 39, 11607-11615	7.8	26
77	Convergent regions of the Newton homotopy method for nonlinear systems: theory and computational applications. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2001 , 48, 51-66		26
76	A singular fixed-point homotopy method to locate the closest unstable equilibrium point for transient stability region estimate. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 2004 , 51, 185-189		21
75	Dynamic pattern denoising method using multi-basin system with kernels. <i>Pattern Recognition</i> , 2011 , 44, 1698-1707	7.7	19
74	Prediction of pricing and hedging errors for equity linked warrants with Gaussian process models?. <i>Expert Systems With Applications</i> , 2008 , 35, 515-523	7.8	18
73	Nonparametric machine learning models for predicting the credit default swaps: An empirical study. <i>Expert Systems With Applications</i> , 2016 , 58, 210-220	7.8	18
72	Constructing sparse kernel machines using attractors. <i>IEEE Transactions on Neural Networks</i> , 2009 , 20, 721-9		17
71	User credit-based collaborative filtering. <i>Expert Systems With Applications</i> , 2009 , 36, 7309-7312	7.8	17
70	An optimization-driven framework for the computation of the controlling UEP in transient stability analysis. <i>IEEE Transactions on Automatic Control</i> , 2004 , 49, 115-119	5.9	17
69	. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2002 , 49, 196-209		17
68	Dynamic gradient approaches to compute the closest unstable equilibrium point for stability region estimate and their computational limitations. <i>IEEE Transactions on Automatic Control</i> , 2003 , 48, 321-324	5.9	17
67	Performance Optimization of Delayed WiFi Offloading in Heterogeneous Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 9436-9447	6.8	16
66	Efficient optimization of process parameters in shadow mask manufacturing using NNPLS and genetic algorithm. <i>International Journal of Production Research</i> , 2005 , 43, 3209-3230	7.8	16
65	Constructive homotopy methods for finding all or multiple DC operating points of nonlinear circuits and systems. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2001 , 48, 35-50		16
64	Uniformly subsampled ensemble (USE) for churn management: Theory and implementation. <i>Expert Systems With Applications</i> , 2012 , 39, 11839-11845	7.8	15

63	Predicting a distribution of implied volatilities for option pricing. <i>Expert Systems With Applications</i> , 2011 , 38, 1702-1708	7.8	15
62	Joint Optimization of Channel Selection and Frame Scheduling for Coexistence of LTE and WLAN. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 6481-6491	6.8	14
61	A novel three-phase trajectory informed search methodology for global optimization. <i>Journal of Global Optimization</i> , 2007 , 38, 61-77	1.5	14
60	CG-E2S2: Consistency-guaranteed and energy-efficient sleep scheduling algorithm with data aggregation for IoT. <i>Future Generation Computer Systems</i> , 2019 , 92, 1093-1102	7.5	13
59	No-arbitrage implied volatility functions: Empirical evidence from KOSPI 200 index options. <i>Journal of Empirical Finance</i> , 2013 , 21, 36-53	2.7	12
58	An Opportunistic Push Scheme for Online Social Networking Services in Heterogeneous Wireless Networks. <i>IEEE Transactions on Network and Service Management</i> , 2017 , 14, 416-428	4.8	11
57	Voronoi Cell-Based Clustering Using a Kernel Support. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2015 , 27, 1146-1156	4.2	11
56	Predicting Market Impact Costs Using Nonparametric Machine Learning Models. <i>PLoS ONE</i> , 2016 , 11, e0150243	3.7	11
55	MALM: Mobility-Aware Location Management Scheme in Femto/Macrocell Networks. <i>IEEE Transactions on Mobile Computing</i> , 2017 , 16, 3115-3125	4.6	10
54	DATA: Dependency-Aware Task Allocation Scheme in Distributed Edge Clouds. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 7782-7790	11.9	10
53	Nonlinear Dynamic Projection for Noise Reduction of Dispersed Manifolds. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2014 , 36, 2303-9	13.3	10
52	Forecasting nonnegative option price distributions using Bayesian kernel methods. <i>Expert Systems With Applications</i> , 2012 , 39, 13243-13252	7.8	10
51	HE-Friendly Algorithm for Privacy-Preserving SVM Training. <i>IEEE Access</i> , 2020 , 8, 57414-57425	3.5	9
50	Multi-basin particle swarm intelligence method for optimal calibration of parametric L _q models. <i>Expert Systems With Applications</i> , 2012 , 39, 482-493	7.8	9
49	Efficient Option Pricing via a Globally Regularized Neural Network. <i>Lecture Notes in Computer Science</i> , 2004 , 988-993	0.9	9
48	Generative Bayesian neural network model for risk-neutral pricing of American index options. <i>Quantitative Finance</i> , 2019 , 19, 587-603	1.6	9
47	Active learning using transductive sparse Bayesian regression. <i>Information Sciences</i> , 2016 , 374, 240-254	7.7	8
46	Probabilistic generative ranking method based on multi-support vector domain description. <i>Information Sciences</i> , 2013 , 247, 144-153	7.7	8

45	Semi-supervised distributed representations of documents for sentiment analysis. <i>Neural Networks</i> , 2019 , 119, 139-150	9.1	7
44	Kernel-based Monte Carlo simulation for American option pricing. <i>Expert Systems With Applications</i> , 2009 , 36, 4431-4436	7.8	7
43	The economic value of NFT: Evidence from a portfolio analysis using mean-variance framework. <i>Finance Research Letters</i> , 2022 , 47, 102784	8.1	7
42	Learning representative exemplars using one-class Gaussian process regression. <i>Pattern Recognition</i> , 2018 , 74, 185-197	7.7	6
41	Tridiagonal implicit method to evaluate European and American options under infinite activity Lévy models. <i>Journal of Computational and Applied Mathematics</i> , 2013 , 237, 234-243	2.4	6
40	QoS-Aware Service Migration in Edge Cloud Networks 2018 ,		6
39	Overload and failure management in service function chaining 2017 ,		5
38	Sequential manifold learning for efficient churn prediction. <i>Expert Systems With Applications</i> , 2012 , 39, 13328-13337	7.8	5
37	Calibrating parametric exponential Lévy models to option market data by incorporating statistical moments priors. <i>Expert Systems With Applications</i> , 2011 , 38, 4816-4823	7.8	5
36	Frequency Insertion Strategy for Channel Assignment Problem. <i>Wireless Networks</i> , 2006 , 12, 45-52	2.5	5
35	Energy Efficient Cooperative Computation Algorithm in Energy Harvesting Internet of Things. <i>Energies</i> , 2019 , 12, 4050	3.1	5
34	Performance evaluation of LTE-unicast in handover scenarios 2015 ,		4
33	Transductive Bayesian regression via manifold learning of prior data structure. <i>Expert Systems With Applications</i> , 2012 , 39, 12557-12563	7.8	4
32	Prediction of credit delinquents using locally transductive multi-layer perceptron. <i>Neurocomputing</i> , 2009 , 73, 169-175	5.4	4
31	Trust-Tech Paradigm for Computing High-Quality Optimal Solutions: Method and Theory 209-233		4
30	A tandem clustering process for multimodal datasets. <i>European Journal of Operational Research</i> , 2006 , 168, 998-1008	5.6	4
29	Pseudo-density Estimation for Clustering with Gaussian Processes. <i>Lecture Notes in Computer Science</i> , 2006 , 1238-1243	0.9	4
28	Trajectory-Aware Edge Node Clustering in Vehicular Edge Clouds 2019 ,		3

27	Learning of indiscriminate distributions of document embeddings for domain adaptation. <i>Intelligent Data Analysis</i> , 2019 , 23, 779-797	1.1	3
26	Do affine jump-diffusion models require global calibration? Empirical studies from option markets. <i>Quantitative Finance</i> , 2014 , 14, 111-123	1.6	3
25	A New Ensemble Model for Efficient Churn Prediction in Mobile Telecommunication 2012 ,		3
24	Pseudobasin of attraction for combinatorial dynamical systems: theory and its application to combinatorial optimization. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 2005 , 52, 189-193		3
23	Attractor-based trust-region algorithm for efficient training of multilayer perceptrons. <i>Electronics Letters</i> , 2003 , 39, 727	1.1	3
22	Trajectory-Based Support Vector Multicategory Classifier. <i>Lecture Notes in Computer Science</i> , 2005 , 857-862		3
21	Joint Transfer of Model Knowledge and Fairness Over Domains Using Wasserstein Distance. <i>IEEE Access</i> , 2020 , 8, 123783-123798	3.5	3
20	SDN-based distributed mobility management for 5G 2017 ,		2
19	Opportunistic push scheme for online social networking services in heterogeneous wireless networks 2015 ,		2
18	Adaptive Deadline Determination for Mobile Device Selection in Federated Learning. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	2
17	Dependency-Aware Task Allocation Algorithm for Distributed Edge Computing 2019 ,		2
16	Information-Based Boundary Equilibrium Generative Adversarial Networks with Interpretable Representation Learning. <i>Computational Intelligence and Neuroscience</i> , 2018 , 2018, 6465949	3	2
15	A Novel Learning Network for Option Pricing with Confidence Interval Information. <i>Lecture Notes in Computer Science</i> , 2006 , 491-497	0.9	2
14	Support for seamless data exchanges between web services through information mapping analysis using kernel methods. <i>Expert Systems With Applications</i> , 2009 , 36, 358-365	7.8	1
13	A Novel Semi-Supervised Learning Methods Using Support Vector Domain Description 2006 ,		1
12	A Novel Three-Phase Algorithm for RBF Neural Network Center Selection. <i>Lecture Notes in Computer Science</i> , 2004 , 350-355	0.9	1
11	Flow-Aware Service Function Embedding Algorithm in Programmable Data Plane. <i>IEEE Access</i> , 2021 , 9, 6113-6121	3.5	1
10	Deep Q-Network-based Cloud-Native Network Function Placement in Edge Cloud-Enabled Non-Public Networks. <i>IEEE Transactions on Network and Service Management</i> , 2022 , 1-1	4.8	1

- 9 Self-correcting ensemble using a latent consensus model. *Applied Soft Computing Journal*, **2016**, 47, 262-270 ○
- 8 Fair Clustering with Fair Correspondence Distribution. *Information Sciences*, **2021**, 581, 155-178 7.7 ○
- 7 Loss-Driven Adversarial Ensemble Deep Learning for On-Line Time Series Analysis. *Sustainability*, **2019**, 11, 3489 3.6
- 6 A quadratic string adapted barrier exploring method for locating transition states. *Computer Physics Communications*, **2007**, 177, 218 4.2
- 5 Solving Hard Local Minima Problems Using Basin Cells for Multilayer Perceptron Training. *Lecture Notes in Computer Science*, **2005**, 597-602 0.9
- 4 Simulations for American Option Pricing Under a Jump-Diffusion Model: Comparison Study between Kernel-Based and Regression-based Methods. *Lecture Notes in Computer Science*, **2008**, 655-662^{0.9}
- 3 Improved MCMC Simulation for Low-Dimensional Multi-Modal Distributions. *Management Science and Financial Engineering*, **2013**, 19, 49-53
- 2 Stability Analysis of Denoising Autoencoders Based on Dynamical Projection System. *IEEE Transactions on Knowledge and Data Engineering*, **2021**, 33, 3155-3159 4.2
- 1 Deep Spatiotemporal Correlation Network Model for Load Prediction in Service Function Chaining. *IEEE Networking Letters*, **2021**, 3, 152-155 2.8