Xin Luo

List of Publications by Year
in descending order

162 papers	8,156 citations

30070

54 h-index	86 g-index

51608

162 all docs	162 docs citations

162 times ranked	3371 citing authors

#	Article	IF	Citations
1	Fast and Accurate Non-Negative Latent Factor Analysis of High-Dimensional and Sparse Matrices in Recommender Systems. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 3897-3911.	5.7	54
2	An Alternating-Direction-Method of Multipliers-Incorporated Approach to Symmetric Non-Negative Latent Factor Analysis. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4826-4840.	11.3	18
3	Diversified Regularization Enhanced Training for Effective Manipulator Calibration. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 8778-8790.	11.3	39
4	Growing Echo State Network With an Inverse-Free Weight Update Strategy. IEEE Transactions on Cybernetics, 2023, 53, 753-764.	9.5	10
5	Distributed and Time-Delayed -Winner-Take-All Network for Competitive Coordination of Multiple Robots<i />. IEEE Transactions on Cybernetics, 2023, 53, 641-652.	9.5	19
6	A Momentum-Accelerated Hessian-Vector-Based Latent Factor Analysis Model. IEEE Transactions on Services Computing, 2023, 16, 830-844.	4.6	12
7	Kinematics-Based Motion-Force Control for Redundant Manipulators With Quaternion Control. IEEE Transactions on Automation Science and Engineering, 2023, 20, 1815-1828.	5.2	5
8	A Posterior-Neighborhood-Regularized Latent Factor Model for Highly Accurate Web Service QoS Prediction. IEEE Transactions on Services Computing, 2022, 15, 793-805.	4.6	70
9	Momentum-Incorporated Symmetric Non-Negative Latent Factor Models. IEEE Transactions on Big Data, 2022, 8, 1096-1106.	6.1	8
10	RNN for Repetitive Motion Generation of Redundant Robot Manipulators: An Orthogonal Projection-Based Scheme. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 615-628.	11.3	64
11	A Multilayered-and-Randomized Latent Factor Model for High-Dimensional and Sparse Matrices. IEEE Transactions on Big Data, 2022, 8, 784-794.	6.1	42
12	Advancing Non-Negative Latent Factorization of Tensors With Diversified Regularization Schemes. IEEE Transactions on Services Computing, 2022, 15, 1334-1344.	4.6	79
13	Assimilating Second-Order Information for Building Non-Negative Latent Factor Analysis-Based Recommenders. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 485-497.	9.3	12
14	A Distributed Framework for Large-scale Protein-protein Interaction Data Analysis and Prediction Using MapReduce. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 160-172.	13.1	52
15	Recurrent Neural Dynamics Models for Perturbed Nonstationary Quadratic Programs: A Control-Theoretical Perspective. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 1216-1227.	11.3	21
16	Symmetric Nonnegative Matrix Factorization-Based Community Detection Models and Their Convergence Analysis. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 1203-1215.	11.3	83
17	A Latent Factor Analysis-Based Approach to Online Sparse Streaming Feature Selection. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6744-6758.	9.3	79
18	Large-Scale Affine Matrix Rank Minimization With a Novel Nonconvex Regularizer. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 4661-4675.	11.3	21

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19	A Novel Approximate Spectral Clustering Algorithm With Dense Cores and Density Peaks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2348-2360.	9.3	23
20	An L_1-and-L_2-Norm-Oriented Latent Factor Model for Recommender Systems. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 5775-5788.	11.3	84
21	Effect of malondialdehyde oxidation on structure and physicochemical properties of amandin. International Journal of Food Science and Technology, 2022, 57, 2646-2655.	2.7	5
22	Robust k-WTA Network Generation, Analysis, and Applications to Multiagent Coordination. IEEE Transactions on Cybernetics, 2022, 52, 8515-8527.	9.5	18
23	Position-Transitional Particle Swarm Optimization-Incorporated Latent Factor Analysis. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 3958-3970.	5.7	138
24	A Fast Fuzzy Clustering Algorithm for Complex Networks via a Generalized Momentum Method. IEEE Transactions on Fuzzy Systems, 2022, 30, 3473-3485.	9.8	50
25	Distributed Competition of Multi-Robot Coordination Under Variable and Switching Topologies. IEEE Transactions on Automation Science and Engineering, 2022, 19, 3575-3586.	5.2	17
26	An Acceleration-Level Data-Driven Repetitive Motion Planning Scheme for Kinematic Control of Robots With Unknown Structure. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5679-5691.	9.3	23
27	A PID-incorporated Latent Factorization of Tensors Approach to Dynamically Weighted Directed Network Analysis. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 533-546.	13.1	36
28	Noise-Suppressing Neural Dynamics for Time-Dependent Constrained Nonlinear Optimization With Applications. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6139-6150.	9.3	21
29	Low-Rank High-Order Tensor Completion With Applications in Visual Data. IEEE Transactions on Image Processing, 2022, 31, 2433-2448.	9.8	35
30	An $\alpha-\beta$-Divergence-Generalized Recommender for Highly Accurate Predictions of Missing User Preferences. IEEE Transactions on Cybernetics, 2022, 52, 8006-8018.	9.5	37
31	Neural Dynamics for Distributed Collaborative Control of Manipulators With Time Delays. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 854-863.	13.1	30
32	Novel Workload-Aware Approach to Mobile User Reallocation in Crowded Mobile Edge Computing Environment. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 8846-8856.	8.0	7
33	Non-Negative Latent Factor Model Based on β-Divergence for Recommender Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4612-4623.	9.3	53
34	Convergence Analysis of Single Latent Factor-Dependent, Nonnegative, and Multiplicative Update-Based Nonnegative Latent Factor Models. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1737-1749.	11.3	57
35	Reliability-Aware and Deadline-Constrained Mobile Service Composition Over Opportunistic Networks. IEEE Transactions on Automation Science and Engineering, 2021, 18, 1012-1025.	5.2	16
36	A Data-Driven Cyclic-Motion Generation Scheme for Kinematic Control of Redundant Manipulators. IEEE Transactions on Control Systems Technology, 2021, 29, 53-63.	5.2	69

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37	A Fast Non-Negative Latent Factor Model Based on Generalized Momentum Method. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 610-620.	9.3	140
38	Latent Factor-Based Recommenders Relying on Extended Stochastic Gradient Descent Algorithms. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 916-926.	9.3	110
39	Algorithms of Unconstrained Non-Negative Latent Factor Analysis for Recommender Systems. IEEE Transactions on Big Data, 2021, 7, 227-240.	6.1	125
40	Perturbed Manipulability Optimization in a Distributed Network of Redundant Robots. IEEE Transactions on Industrial Electronics, 2021, 68, 7209-7220.	7.9	35
41	Hyper-parameter-evolutionary latent factor analysis for high-dimensional and sparse data from recommender systems. Neurocomputing, 2021, 421, 316-328.	5.9	18
42	Highly-Accurate Community Detection via Pointwise Mutual Information-Incorporated Symmetric Non-Negative Matrix Factorization. IEEE Transactions on Network Science and Engineering, 2021, 8, 463-476.	6.4	70
43	A Deep Latent Factor Model for High-Dimensional and Sparse Matrices in Recommender Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4285-4296.	9.3	127
44	An Instance-Frequency-Weighted Regularization Scheme for Non-Negative Latent Factor Analysis on High-Dimensional and Sparse Data. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3522-3532.	9.3	78
45	An Effective Link-Based Clustering Algorithm for Detecting Overlapping Protein Complexes in Protein-Protein Interaction Networks. IEEE Transactions on Network Science and Engineering, 2021, 8, 3275-3289.	6.4	34
46	A proportional-integral-derivative-incorporated stochastic gradient descent-based latent factor analysis model. Neurocomputing, 2021, 427, 29-39.	5.9	9
47	Efficient and High-quality Recommendations via Momentum-incorporated Parallel Stochastic Gradient Descent-Based Learning. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 402-411.	13.1	104
48	Robust Latent Factor Analysis for Precise Representation of High-Dimensional and Sparse Data. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 796-805.	13.1	74
49	Generalized Symmetric Nonnegative Latent Factor Analysis for Large-scale Undirected Weighted Networks. , 2021, , .		0
50	An overview of calibration technology of industrial robots. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 23-36.	13.1	137
51	Adjusting Learning Depth in Nonnegative Latent Factorization of Tensors for Accurately Modeling Temporal Patterns in Dynamic QoS Data. IEEE Transactions on Automation Science and Engineering, 2021, 18, 2142-2155.	5.2	36
52	Incorporating Generalized Momentum Method to Accelerate Clustering Analysis of Complex Networks. , 2021, , .		0
53	An Auxiliary Learning Task-Enhanced Graph Convolutional Network Model for Highly-accurate Node Classification on Weakly Supervised Graphs. , 2021, , .		4
54	A Generalized Nesterov-Accelerated Hessian-Vector-Based Latent Factor Analysis Model for QoS Prediction. , 2021, , .		1

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55	Instance-Frequency-Weighted Regularized, Nonnegative and Adaptive Latent Factorization of Tensors for Dynamic QoS Analysis. , 2021, , .		8
56	Efficient Representation to Dynamic QoS Data via Generalized Nesterovâ€™s Accelerated Gradient-incorporated Biased Non-negative Latent Factorization of Tensors. , 2021, , .		2
57	Neural Latent Factorization of Tensors for Dynamically Weighted Directed Networks Analysis. , 2021, , .		5
58	Predicting Large-scale Protein-protein Interactions by Extracting Coevolutionary Patterns with MapReduce Paradigm. , 2021, , .		3
59	Accurate Latent Factor Analysis via Particle Swarm Optimizers. , 2021, , .		2
60	A Truncated Newton Method-Based Symmetric Non-negative Latent Factor Model for Large-scale Undirected Networks Representation. , 2021, , .		1
61	Relaxed Symmetric Non-negative Latent Factor Analysis for Large-scale Undirected Weighted Networks. , 2021, , .		0
62	Proportional-Integral-Derivative-Incorporated Latent Factorization of Tensors for Large-Scale Dynamic Network Analysis. , 2021, , .		2
63	Data-driven Industrial Robot Arm Calibration: A Machine Learning Perspective. , 2021, , .		7
64	Temporal Pattern-Aware QoS Prediction via Biased Non-Negative Latent Factorization of Tensors. IEEE Transactions on Cybernetics, 2020, 50, 1798-1809.	9.5	202
65	Improved Symmetric and Nonnegative Matrix Factorization Models for Undirected, Sparse and Large-Scaled Networks: A Triple Factorization-Based Approach. IEEE Transactions on Industrial Informatics, 2020, 16, 3006-3017.	11.3	98
66	Incorporating the Coevolving Information of Substrates in Predicting HIV-1 Protease Cleavage Sites. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2020, 17, 2017-2028.	3.0	29
67	Non-Negativity Constrained Missing Data Estimation for High-Dimensional and Sparse Matrices from Industrial Applications. IEEE Transactions on Cybernetics, 2020, 50, 1844-1855.	9.5	90
68	Obstacle Avoidance and Tracking Control of Redundant Robotic Manipulator: An RNN-Based Metaheuristic Approach. IEEE Transactions on Industrial Informatics, 2020, 16, 4670-4680.	11.3	165
69	Super-twisting ZNN for coordinated motion control of multiple robot manipulators with external disturbances suppression. Neurocomputing, 2020, 371, 78-90.	5.9	21
70	New Disturbance Rejection Constraint for Redundant Robot Manipulators: An Optimization Perspective. IEEE Transactions on Industrial Informatics, 2020, 16, 2221-2232.	11.3	64
71	Adaptive Regularization-Incorporated Latent Factor Analysis. , 2020, , .		3
72	A Fast Deep AutoEncoder for high-dimensional and sparse matrices in recommender systems. Neurocomputing, 2020, 412, 381-391.	5.9	17

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73	A Data-Characteristic-Aware Latent Factor Model for Web Services QoS Prediction. IEEE Transactions on Knowledge and Data Engineering, 2020, , 1-1.	5.7	108
74	A Predictive-Trend-Aware and Critical-Path-Estimation-Based Method for Workflow Scheduling Upon Cloud Services. , 2020, , .		1
75	A Regularization-adaptive Non-negative Latent Factor Analysis-based Model For Recommender Systems. , 2020, , .		3
76	Large-scale and Scalable Latent Factor Analysis via Distributed Alternative Stochastic Gradient Descent for Recommender Systems. IEEE Transactions on Big Data, 2020, , 1-1.	6.1	49
77	An Algorithm of Inductively Identifying Clusters from Attributed Graphs. IEEE Transactions on Big Data, 2020, , 1-1.	6.1	36
78	A Generalized and Fast-converging Non-negative Latent Factor Model for Predicting User Preferences in Recommender Systems. , 2020, , .		17
79	PMLF: Prediction-Sampling-Based Multilayer-Structured Latent Factor Analysis. , 2020, , .		11
80	A Generalized-Momentum-Accelerated Hessian-Vector Algorithm for High-Dimensional and Sparse Data. , 2020, , .		2
81	Force Reflecting Control for Bilateral Teleoperation System Under Time-Varying Delays. IEEE Transactions on Industrial Informatics, 2019, 15, 1162-1172.	11.3	60
82	Effects of Extended Stochastic Gradient Descent Algorithms on Improving Latent Factor-Based Recommender Systems. IEEE Robotics and Automation Letters, 2019, 4, 618-624.	5.1	15
83	A momentum-incorporated latent factorization of tensors model for temporal-aware QoS missing data prediction. Neurocomputing, 2019, 367, 299-307.	5.9	18
84	Wavelet Denoising Algorithm Based on NDOA Compressed Sensing for Fluorescence Image of Microarray. IEEE Access, 2019, 7, 13338-13346.	4.2	26
85	Quantitative Analysis of Immunochromatographic Strip Based on Convolutional Neural Network. IEEE Access, 2019, 7, 16257-16263.	4.2	17
86	Randomized latent factor model for high-dimensional and sparse matrices from industrial applications. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 131-141.	13.1	103
87	RNN for Solving Perturbed Time-Varying Underdetermined Linear System With Double Bound Limits on Residual Errors and State Variables. IEEE Transactions on Industrial Informatics, 2019, 15, 5931-5942.	11.3	127
88	A Data-Aware Latent Factor Model for Web Service QoS Prediction. Lecture Notes in Computer Science, 2019, , 384-399.	1.3	11
89	Online Feature Selection with Capricious Streaming Features: A General Framework. , 2019, , .		11
90	Convergence Analysis of an SLF-NMU Algorithm for Non-negative Latent Factor Analysis on a High-Dimensional and Sparse Matrix. , 2019, , .		0

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91	An adaptive latent factor model via particle swarm optimization. Neurocomputing, 2019, 369, 176-184.	5.9	24
92	Bias Controller of Mach–Zehnder Modulator for Electro-Optic Analog-to-Digital Converter. Micromachines, 2019, 10, 800.	2.9	9
93	Elastic-net regularized latent factor analysis-based models for recommender systems. Neurocomputing, 2019, 329, 66-74.	5.9	12
94	An Effective Scheme for QoS Estimation via Alternating Direction Method-Based Matrix Factorization. IEEE Transactions on Services Computing, 2019, 12, 503-518.	4.6	89
95	Efficiently Detecting Protein Complexes from Protein Interaction Networks via Alternating Direction Method of Multipliers. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 16, 1922-1935.	3.0	64
96	Popularity and Novelty Dynamics in Evolving Networks. Scientific Reports, 2018, 8, 6332.	3.3	13
97	Neural Dynamics for Cooperative Control of Redundant Robot Manipulators. IEEE Transactions on Industrial Informatics, 2018, 14, 3812-3821.	11.3	151
98	An Inherently Nonnegative Latent Factor Model for High-Dimensional and Sparse Matrices from Industrial Applications. IEEE Transactions on Industrial Informatics, 2018, 14, 2011-2022.	11.3	170
99	Modified Primal-Dual Neural Networks for Motion Control of Redundant Manipulators With Dynamic Rejection of Harmonic Noises. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4791-4801.	11.3	115
100	Incorporation of Efficient Second-Order Solvers Into Latent Factor Models for Accurate Prediction of Missing QoS Data. IEEE Transactions on Cybernetics, 2018, 48, 1216-1228.	9.5	207
101	Self-training semi-supervised classification based on density peaks of data. Neurocomputing, 2018, 275, 180-191.	5.9	85
102	Incremental Slope-one recommenders. Neurocomputing, 2018, 272, 606-618.	5.9	7
103	Effects of the bipartite structure of a network on performance of recommenders. Physica A: Statistical Mechanics and Its Applications, 2018, 492, 1257-1266.	2.6	5
104	Effects of preprocessing and training biases in latent factor models for recommender systems. Neurocomputing, 2018, 275, 2019-2030.	5.9	38
105	A Highly Accurate Framework for Self-Labeled Semisupervised Classification in Industrial Applications. IEEE Transactions on Industrial Informatics, 2018, 14, 909-920.	11.3	74
106	Velocity-Level Control With Compliance to Acceleration-Level Constraints: A Novel Scheme for Manipulator Redundancy Resolution. IEEE Transactions on Industrial Informatics, 2018, 14, 921-930.	11.3	69
107	Accelerated Non-negative Latent Factor Analysis on High-Dimensional and Sparse Matrices via Generalized Momentum Method. , 2018, , .		3
108	Unconstrained Non-negative Factorization of High-dimensional and Sparse Matrices in Recommender Systems. , 2018, , .		2

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109	A Self-Powered Engine Health Monitoring System Based on L-Shaped Wideband Piezoelectric Energy Harvester. Micromachines, 2018, 9, 629.	2.9	14
110	A Fluctuation-Aware Approach for Predictive Web Service Composition. , 2018, , .		9
111	Randomized latent factor model for high-dimensional and sparse matrices from industrial applications. , 2018, , .		3
112	Elastic net-regularized latent factor model for recommender systems. , 2018, , .		1
113	Performance of nonnegative latent factor models with Î²-distance functions in recommender systems. , 2018, , .		1
114	Performance of symmetric non-negative matrix factorization-based community detector with learning depth variations. , 2018, , .		0
115	Distributed Winner-Take-All in Dynamic Networks. IEEE Transactions on Automatic Control, 2017, 62, 577-589.	5.7	109
116	Highly Efficient Framework for Predicting Interactions Between Proteins. IEEE Transactions on Cybernetics, 2017, 47, 731-743.	9.5	107
117	Manipulability Optimization of Redundant Manipulators Using Dynamic Neural Networks. IEEE Transactions on Industrial Electronics, 2017, 64, 4710-4720.	7.9	286
118	Performance of latent factor models with extended linear biases. Knowledge-Based Systems, 2017, 123, 128-136.	7.1	13
119	Percentile Performance Estimation of Unreliable IaaS Clouds and Their Cost-Optimal Capacity Decision. IEEE Access, 2017, 5, 2808-2818.	4.2	31
120	Emerging trends in evolving networks: Recent behaviour dominant and non-dominant model. Physica A: Statistical Mechanics and Its Applications, 2017, 484, 506-515.	2.6	7
121	Long-term effects of user preference-oriented recommendation method on the evolution of online system. Physica A: Statistical Mechanics and Its Applications, 2017, 467, 490-498.	2.6	8
122	A dynamic neural controller for adaptive optimal control of permanent magnet DC motors. , 2017, , .		2
123	Empirical analysis of collaborative filtering-based recommenders in temporally evolving systems. , 2017, , .		4
124	Nonlinearly-activated noise-tolerant zeroing neural network for distributed motion planning of multiple robot arms. , 2017, , .		2
125	Long-term performance of collaborative filtering based recommenders in temporally evolving systems. Neurocomputing, 2017, 267, 635-643.	5.9	31
126	Symmetric and Nonnegative Latent Factor Models for Undirected, High-Dimensional, and Sparse Networks in Industrial Applications. IEEE Transactions on Industrial Informatics, 2017, 13, 3098-3107.	11.3	128

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127	Non-negativity constrained missing data estimation for high-dimensional and sparse matrices. , 2017, , .		1
128	Effect of linear biases in latent factor models on high-dimensional and sparse matrices from recommender systems. , 2017, , .		1
129	An Energy-Aware and Under-SLA-Constraints VM Consolidation Strategy Based on the Optimal Matching Method. International Journal of Web Services Research, 2017, 14, 75-89.	0.8	10
130	On dynamic performance estimation of fault-prone Infrastructure-as-a-Service clouds. International Journal of Distributed Sensor Networks, 2017, 13, 155014771771851.	2.2	6
131	Symmetric Non-negative Latent Factor Models for Undirected Large Networks. , 2017, , .		14
132	Efficient Extraction of Non-negative Latent Factors from High-Dimensional and Sparse Matrices in Industrial Applications. , 2016, , .		55
133	On Stochastic Performance and Cost-Aware Optimal Capacity Planning of Unreliable Infrastructure-as-a-Service Cloud. Lecture Notes in Computer Science, 2016, , 644-657.	1.3	4
134	Regularizaed extraction of non-negative latent factors from high-dimensional sparse matrices. , 2016, , .		4
135	On the performance and power consumption analysis of elastic clouds. Concurrency Computation Practice and Experience, 2016, 28, 4367-4384.	2.2	3
136	A Novel Approach to Extracting Non-Negative Latent Factors From Non-Negative Big Sparse Matrices. IEEE Access, 2016, 4, 2649-2655.	4.2	130
137	Sequence-based prediction of protein-protein interactions using weighted sparse representation model combined with global encoding. BMC Bioinformatics, 2016, 17, 184.	2.6	125
138	An Incremental-and-Static-Combined Scheme for Matrix-Factorization-Based Collaborative Filtering. IEEE Transactions on Automation Science and Engineering, 2016, 13, 333-343.	5.2	107
139	A Nonnegative Latent Factor Model for Large-Scale Sparse Matrices in Recommender Systems via Alternating Direction Method. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 579-592.	11.3	270
140	Inverse-Free Extreme Learning Machine With Optimal Information Updating. IEEE Transactions on Cybernetics, 2016, 46, 1229-1241.	9.5	111
141	Generating Highly Accurate Predictions for Missing QoS Data via Aggregating Nonnegative Latent Factor Models. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 524-537.	11.3	224
142	A Highly Efficient Approach to Protein Interactome Mapping Based on Collaborative Filtering Framework. Scientific Reports, 2015, 5, 7702.	3.3	72
143	A Hessian-Free Optimization-Based Approach to Latent-Factor-Based QoS Predictors with High Accuracy. , 2015, , .		2
144	Improving network topology-based protein interactome mapping via collaborative filtering. Knowledge-Based Systems, 2015, 90, 23-32.	7.1	52

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145	A Stochastic Approach to Analysis of Energy-Aware DVS-Enabled Cloud Datacenters. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2015, 45, 73-83.	9.3	54
146	A time series and reductionâ€based model for modeling and QoS prediction of service compositions. Concurrency Computation Practice and Experience, 2015, 27, 146-163.	2.2	11
147	An Efficient Second-Order Approach to Factorize Sparse Matrices in Recommender Systems. IEEE Transactions on Industrial Informatics, 2015, 11, 946-956.	11.3	100
148	Stochastic Modeling and Performance Analysis of Migration-Enabled and Error-Prone Clouds. IEEE Transactions on Industrial Informatics, 2015, 11, 495-504.	11.3	57
149	Stochastic Modeling and Quality Evaluation of Infrastructure-as-a-Service Clouds. IEEE Transactions on Automation Science and Engineering, 2015, 12, 162-170.	5.2	105
150	An Efficient Non-Negative Matrix-Factorization-Based Approach to Collaborative Filtering for Recommender Systems. IEEE Transactions on Industrial Informatics, 2014, 10, 1273-1284.	11.3	475
151	Predicting web service QoS via matrix-factorization-based collaborative filtering under non-negativity constraint. , 2014, , .		5
152	Dependability Prediction of WS-BPEL Service Compositions Using Petri Net and Time Series Models. , 2013, , .		5
153	Boosting the K-Nearest-Neighborhood based incremental collaborative filtering. Knowledge-Based Systems, 2013, 53, 90-99.	7.1	49
154	Applying the learning rate adaptation to the matrix factorization based collaborative filtering. Knowledge-Based Systems, 2013, 37, 154-164.	7.1	64
155	A Petri-Net-Based Approach to Reliability Determination of Ontology-Based Service Compositions. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2013, 43, 1240-1247.	9.3	31
156	Modelling of Ontology-based Service Compositions using Petri Net. Elektronika Ir Elektrotechnika, 2013, 19, .	0.8	1
157	A Petri-Net Model for Formal Modeling of WS-BPEL Processes. , 2012, , .		0
158	A parallel matrix factorization based recommender by alternating stochastic gradient decent. Engineering Applications of Artificial Intelligence, 2012, 25, 1403-1412.	8.1	69
159	A non-Markovian stochastic Petri net-based approach to performance evaluation of ontology-based service composition. Concurrency Computation Practice and Experience, 2012, 24, 2255-2267.	2.2	10
160	Incremental Collaborative Filtering recommender based on Regularized Matrix Factorization. Knowledge-Based Systems, 2012, 27, 271-280.	7.1	163
161	Improving neighborhood based Collaborative Filtering via integrated folksonomy information. Pattern Recognition Letters, 2012, 33, 263-270.	4.2	22
162	IMPROVING LATENT FACTOR MODEL BASED COLLABORATIVE FILTERING VIA INTEGRATED FOLKSONOMY FACTORS. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2011, 19, 307-327.	1.9	8