

Cheng Wu

List of Publications by Year in descending order

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45
papers

1,414
citations

759233

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888059

17
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all docs

46
docs citations

46
times ranked

1679
citing authors

#	ARTICLE	IF	CITATIONS
1	The Hot Strip Mill Scheduling Problem With Uncertainty: Robust Optimization Models and Solution Approaches. IEEE Transactions on Cybernetics, 2023, 53, 4079-4093.	9.5	4
2	Self-Supervised Discovering of Interpretable Features for Reinforcement Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	13.9	9
3	Dual Attention-Based Temporal Convolutional Network for Fault Prognosis Under Time-Varying Operating Conditions. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	10
4	Two-Stage Transfer Learning for Fault Prognosis of Ion Mill Etching Process. IEEE Transactions on Semiconductor Manufacturing, 2021, 34, 185-193.	1.7	14
5	A Graph Embedding Framework for Maximum Mean Discrepancy-Based Domain Adaptation Algorithms. IEEE Transactions on Image Processing, 2020, 29, 199-213.	9.8	60
6	A physical knowledge-based extreme learning machine approach to fault diagnosis of rolling element bearing from small datasets. , 2020, , .		0
7	Multiple Sensors Based Prognostics With Prediction Interval Optimization via Echo State Gaussian Process. IEEE Access, 2019, 7, 112397-112409.	4.2	18
8	Nonparametric Dimension Reduction via Maximizing Pairwise Separation Probability. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3205-3210.	11.3	13
9	Multi Pseudo Q-Learning-Based Deterministic Policy Gradient for Tracking Control of Autonomous Underwater Vehicles. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3534-3546.	11.3	68
10	Depth Control of Model-Free AUVs via Reinforcement Learning. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2499-2510.	9.3	82
11	Domain Space Transfer Extreme Learning Machine for Domain Adaptation. IEEE Transactions on Cybernetics, 2019, 49, 1909-1922.	9.5	80
12	SeCo-LDA: Mining Service Co-Occurrence Topics for Composition Recommendation. IEEE Transactions on Services Computing, 2019, 12, 446-459.	4.6	16
13	Distributed Convex Optimization with Inequality Constraints over Time-Varying Unbalanced Digraphs. IEEE Transactions on Automatic Control, 2018, 63, 4331-4337.	5.7	89
14	Likelihood Ratio-Based Scheduler for Secure Detection in Cyber Physical Systems. IEEE Transactions on Control of Network Systems, 2018, 5, 991-1002.	3.7	2
15	Domain Invariant and Class Discriminative Feature Learning for Visual Domain Adaptation. IEEE Transactions on Image Processing, 2018, 27, 4260-4273.	9.8	174
16	Domain-Aware Service Recommendation for Service Composition. , 2014, , .		4
17	Semi-Supervised and Unsupervised Extreme Learning Machines. IEEE Transactions on Cybernetics, 2014, 44, 2405-2417.	9.5	644
18	Services Enhancing Usage of Large Equipments in a Private Cloud. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
19	WSCN: Web Service Composition Based on Complex Networks. , 2013, , .		4
20	Ordinal Optimized Scheduling of Scientific Workflows in Elastic Compute Clouds. , 2011, , .		36
21	Adaptive Virtual Machine Provisioning in Elastic Multi-tier Cloud Platforms. , 2011, , .		2
22	Formal Verification of Temporal Properties for Reduced Overhead in Grid Scientific Workflows. Journal of Computer Science and Technology, 2011, 26, 1017-1030.	1.5	5
23	AMREF: An Adaptive MapReduce Framework for Real Time Applications. , 2010, , .		8
24	Multi-echelon multi-item dynamic inventory management via decomposition and coordination algorithm. , 2010, , .		0
25	A Revised Service Group Model for Web Service Availability Management. , 2009, , .		1
26	Fast Autotuning Configurations of Parameters in Distributed Computing Systems Using Ordinal Optimization. , 2009, , .		5
27	Qualification Evaluation in Virtual Organizations Based on Fuzzy Analytic Hierarchy Process. , 2008, , .		1
28	Asymmetric Web Service Operation Matching in Structural-Level Similarity Measure. , 2008, , .		1
29	Performance Optimization of Temporal Reasoning for Grid Workflows Using Relaxed Region Analysis. , 2008, , .		4
30	Predictive Admission Control Algorithm for Advance Reservation in Equipment Grid. , 2008, , .		3
31	A Fuzzy Scheduling Method in Equipment Grid. , 2007, , .		0
32	Scheduling Remote Access to Scientific Instruments in Cyberinfrastructure for Education and Research. , 2007, , .		4
33	ASP Platform and Its Federation Integration Based on INTERNET Used in Networked Collaborative Designing and Manufacturing. , 2006, , .		4
34	Supply chain coordination of loss-averse newsvendor with contract. Tsinghua Science and Technology, 2005, 10, 133-140.	6.1	27
35	Dynamic Service Composition: a Collaborative Resource Sharing Framework for Equipment Grid. , 2005, , .		3
36	A parameter dispersion based global identification method and its application. , 0, , .		0

#	ARTICLE	IF	CITATIONS
37	MACIP: an open-structured supporting platform for CIMS. , 0, , .		0
38	An operation and control engine under CIMS distributed computing environment. , 0, , .		0
39	Ontology for modeling and analyzing of enterprise competence. , 0, , .		0
40	Ontology and multi-agent based decision support for enterprise bidding. , 0, , .		0
41	An electronic market architecture for virtual enterprises. , 0, , .		0
42	Ontology based decision support system for partner selection of virtual enterprises. , 0, , .		4
43	Scheduling of design projects using artificial intelligence. , 0, , .		0
44	The study on simulation grid technology for equipment resource sharing system. , 0, , .		7
45	Ontology for goal management of virtual enterprises. , 0, , .		0