

Minjie Zhang

List of Publications by Year in descending order

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131
papers

1,671
citations

361413

20
h-index

330143

37
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146
all docs

146
docs citations

146
times ranked

1869
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative Verification for Monitoring Event-Streaming Systems. IEEE Transactions on Software Engineering, 2022, 48, 538-550.	5.6	1
2	A Case-based Reasoning Approach for Supporting Facilitation in Online Discussions. Group Decision and Negotiation, 2021, 30, 719-742.	3.3	3
3	Online Sequential Extreme Learning Machine Algorithm for Better Predispach Electricity Price Forecasting Grids. IEEE Transactions on Industry Applications, 2021, 57, 1860-1871.	4.9	13
4	An Innovative Approach for the Short-term Traffic Flow Prediction. Journal of Systems Science and Systems Engineering, 2021, 30, 519-532.	1.6	5
5	Social influence minimization based on context-aware multiple influences diffusion model. Knowledge-Based Systems, 2021, 227, 107233.	7.1	5
6	A Tensor-Based Approach for the QoS Evaluation in Service-Oriented Environments. IEEE Transactions on Network and Service Management, 2021, 18, 3843-3857.	4.9	8
7	Distributed Multiagent Coordinated Learning for Autonomous Driving in Highways Based on Dynamic Coordination Graphs. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 735-748.	8.0	63
8	Multi-period data driven control strategy for real-time management of energy storages in virtual power plants integrated with power grid. International Journal of Electrical Power and Energy Systems, 2020, 118, 105747.	5.5	11
9	A Parallel Evolutionary Strategy for the Large-Scale Dynamic Optimal Reactive Power Flow. , 2020, , .		3
10	A Judicious Decision-Making Approach for Power Dispatch in Smart Grid Using a Multiobjective Evolutionary Algorithm Based on Decomposition. IEEE Transactions on Industry Applications, 2020, 56, 1918-1929.	4.9	9
11	Learning Customer Behaviors for Effective Load Forecasting. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 938-951.	5.7	14
12	A Multi-agent System for Modelling Preference-Based Complex Influence Diffusion in Social Networks. Computer Journal, 2019, 62, 430-447.	2.4	10
13	Multi-agent-based System to Model and Simulate the Emergency Response in Metropolis. , 2019, , .		1
14	An Innovative Approach for Ad Hoc Network Establishment in Disaster Environments by the Deployment of Wireless Mobile Agents. ACM Transactions on Autonomous and Adaptive Systems, 2019, 13, 1-22.	0.8	0
15	Two Mathematical Programming-Based Approaches for Wireless Mobile Robot Deployment in Disaster Environments. Computer Journal, 2019, 62, 905-918.	2.4	0
16	Online Sequential Extreme Learning Machine Algorithm for Better Prediction of the Real-time Electricity Price under Dynamic Environmental Changes. , 2019, , .		5
17	Automated Influence Maintenance in Social Networks: An Agent-based Approach. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 1884-1897.	5.7	14
18	A Case-Based Reasoning Approach for Facilitating Online Discussions. Lecture Notes in Computer Science, 2019, , 582-592.	1.3	2

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19	Helping an Agent Reach a Different Goal by Action Transfer in Reinforcement Learning. Lecture Notes in Computer Science, 2019, , 15-27.	1.3	0
20	An Economic Model-Based Matching Approach Between Buyers and Sellers Through a Broker in an Open E-Marketplace. Journal of Systems Science and Systems Engineering, 2018, 27, 156-179.	1.6	7
21	A Self-Adaptive Sleep/Wake-Up Scheduling Approach for Wireless Sensor Networks. IEEE Transactions on Cybernetics, 2018, 48, 979-992.	9.5	97
22	An intelligent agent-based method for task allocation in competitive cloud environments. Concurrency Computation Practice and Experience, 2018, 30, e4178.	2.2	3
23	Decision Making for Environmental/Economic Dispatch Based on Optimal Power Flow. , 2018, , .		1
24	A Cyclical Social Learning Strategy for Robust Convention Emergence. , 2018, , .		1
25	A Case-based Reasoning Approach for Automated Facilitation in Online Discussion Systems. , 2018, , .		6
26	Determining the Applicability of Advice for Efficient Multi-Agent Reinforcement Learning. Lecture Notes in Computer Science, 2018, , 343-351.	1.3	0
27	A Survey of Self-Organization Mechanisms in Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 441-461.	9.3	110
28	A hybrid-learning based broker model for strategic power trading in smart grid markets. Knowledge-Based Systems, 2017, 119, 142-151.	7.1	14
29	A belief propagation-based method for task allocation in open and dynamic cloud environments. Knowledge-Based Systems, 2017, 115, 123-132.	7.1	184
30	A Concurrent Multiple Negotiation Protocol Based on Colored Petri Nets. IEEE Transactions on Cybernetics, 2017, 47, 3692-3705.	9.5	7
31	A Multiagent-Based Domain Transportation Approach for Optimal Resource Allocation in Emergency Management. Studies in Computational Intelligence, 2017, , 19-32.	0.9	1
32	Membership Function Based Matching Approach of Buyers and Sellers Through a Broker in Open E-Marketplace. Studies in Computational Intelligence, 2017, , 125-137.	0.9	0
33	Preference Aware Influence Maximization. Studies in Computational Intelligence, 2017, , 153-164.	0.9	2
34	Opponent Modeling with Information Adaptation (OMIA) in Automated Negotiations. Lecture Notes in Computer Science, 2017, , 21-35.	1.3	1
35	A Negotiation-Based Model for Policy Generation. Studies in Computational Intelligence, 2017, , 101-119.	0.9	0
36	A Concurrent Interdependent Service Level Agreement Negotiation Protocol in Dynamic Service-Oriented Computing Environments. Lecture Notes in Computer Science, 2017, , 132-147.	1.3	0

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37	Comprehensive Influence Propagation Modelling for Hybrid Social Network. Lecture Notes in Computer Science, 2016, , 597-608.	1.3	2
38	A dynamic evolutionary strategy for time ahead energy storage management in microgrid. , 2016, , .		4
39	Agent-Based Influence Propagation in Social Networks. , 2016, , .		7
40	Prediction of the Opponent's Preference in Bilateral Multi-issue Negotiation Through Bayesian Learning. Studies in Computational Intelligence, 2016, , 3-20.	0.9	1
41	Coordination for dynamic weighted task allocation in disaster environments with time, space and communication constraints. Journal of Parallel and Distributed Computing, 2016, 97, 47-56.	4.1	9
42	An Adaptive Procedure for Settling Multiple Issues in Bilateral Negotiation with Time Constraints. , 2016, , .		1
43	A Concurrent Multiple Negotiation Mechanism Under Consideration of a Dynamic Negotiation Environment. Lecture Notes in Computer Science, 2016, , 779-792.	1.3	2
44	Trustworthy Stigmergic Service Composition and Adaptation in Decentralized Environments. IEEE Transactions on Services Computing, 2016, 9, 317-329.	4.6	33
45	An Auction-Based Approach for Group Task Allocation in an Open Network Environment. Computer Journal, 2016, 59, 403-422.	2.4	19
46	Trust-based group services selection in web-based service-oriented environments. World Wide Web, 2016, 19, 807-832.	4.0	4
47	A Group Task Allocation Strategy in Open and Dynamic Grid Environments. Studies in Computational Intelligence, 2016, , 121-139.	0.9	3
48	A Broker-Based Optimal Matching Approach of Buyers and Sellers for Multi-attribute Exchanges in Open Markets. , 2015, , .		0
49	A negotiation-based method for task allocation with time constraints in open grid environments. Concurrency Computation Practice and Experience, 2015, 27, 735-761.	2.2	5
50	Bayesian-based preference prediction in bilateral multi-issue negotiation between intelligent agents. Knowledge-Based Systems, 2015, 84, 108-120.	7.1	22
51	GongBroker: A Broker Model for Power Trading in Smart Grid Markets. , 2015, , .		4
52	A Wireless Mobile Robots Deployment Approach for Maximising the Coverage of Important Locations in Disaster Rescues. , 2015, , .		3
53	Multiagent Learning of Coordination in Loosely Coupled Multiagent Systems. IEEE Transactions on Cybernetics, 2015, 45, 2853-2867.	9.5	41
54	Decentralised dispatch of distributed energy resources in smart grids via multi-agent coalition formation. Journal of Parallel and Distributed Computing, 2015, 83, 30-43.	4.1	14

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55	A Multi-Agent Framework for Packet Routing in Wireless Sensor Networks. <i>Sensors</i> , 2015, 15, 10026-10047.	3.8	51
56	Dynamic Task Allocation for Heterogeneous Agents in Disaster Environments Under Time, Space and Communication Constraints. <i>Computer Journal</i> , 2015, 58, 1776-1791.	2.4	4
57	A Self-Adaptive Strategy for Evolution of Cooperation in Distributed Networks. <i>IEEE Transactions on Computers</i> , 2015, 64, 899-911.	3.4	17
58	Emotional Multiagent Reinforcement Learning in Spatial Social Dilemmas. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015, 26, 3083-3096.	11.3	42
59	Learning Efficient Compositions for QoS-Aware Service Provisioning. , 2014, , .		10
60	Collective Learning for the Emergence of Social Norms in Networked Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , 2014, 44, 2342-2355.	9.5	37
61	A single issue negotiation model for agents bargaining in dynamic electronic markets. <i>Decision Support Systems</i> , 2014, 60, 55-67.	5.9	25
62	Cloning, Resource Exchange, and RelationAdaptation: An Integrative Self-Organisation Mechanism in a Distributed Agent Network. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2014, 25, 887-897.	5.6	14
63	Coordinated learning by exploiting sparse interaction in multiagent systems. <i>Concurrency Computation Practice and Experience</i> , 2014, 26, 51-70.	2.2	5
64	Ambiguous games played by players with ambiguity aversion and minimax regret. <i>Knowledge-Based Systems</i> , 2014, 70, 167-176.	7.1	6
65	Bilateral single-issue negotiation model considering nonlinear utility and time constraint. <i>Decision Support Systems</i> , 2014, 60, 29-38.	5.9	19
66	Community Discovery for Knowledge Collaborations in Collective intelligence Systems. <i>Journal of Information Processing</i> , 2014, 22, 243-252.	0.4	0
67	A Dynamic, Optimal Approach for Multi-Issue Negotiation Under Time Constraints. <i>Studies in Computational Intelligence</i> , 2014, , 85-108.	0.9	3
68	An Innovative Approach for Predicting Both Negotiation Deadline and Utility in Multi-issue Negotiation. <i>Lecture Notes in Computer Science</i> , 2014, , 1076-1088.	1.3	0
69	A robust trust model for service-oriented systems. <i>Journal of Computer and System Sciences</i> , 2013, 79, 596-608.	1.2	20
70	Self-Adaptation-Based Dynamic Coalition Formation in a Distributed Agent Network: A Mechanism and a Brief Survey. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2013, 24, 1042-1051.	5.6	56
71	A Multi-Agent Solution to Distribution System Management by Considering Distributed Generators. <i>IEEE Transactions on Power Systems</i> , 2013, 28, 1442-1451.	6.5	79
72	Multi-Objective Service Composition Using Reinforcement Learning. <i>Lecture Notes in Computer Science</i> , 2013, , 298-312.	1.3	32

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73	An Adaptive Bilateral Negotiation Model Based on Bayesian Learning. Studies in Computational Intelligence, 2013, , 75-93.	0.9	16
74	Emotional Multiagent Reinforcement Learning in Social Dilemmas. Lecture Notes in Computer Science, 2013, , 372-387.	1.3	6
75	A Study on the Evolution of Cooperation in Networks. Lecture Notes in Computer Science, 2013, , 285-298.	1.3	1
76	Conceptual Design of A Multi-Agent System for Interconnected Power Systems Restoration. IEEE Transactions on Power Systems, 2012, 27, 732-740.	6.5	84
77	Self-organization in an agent network: A mechanism and a potential application. Decision Support Systems, 2012, 53, 406-417.	5.9	24
78	Expectation of trading agent behaviour in negotiation of electronic marketplace. Web Intelligence and Agent Systems, 2012, 10, 49-63.	0.4	1
79	KEMNAD: A KNOWLEDGE ENGINEERING METHODOLOGY FOR NEGOTIATING AGENT DEVELOPMENT. Computational Intelligence, 2012, 28, 51-105.	3.2	47
80	Bilateral Single-Issue Negotiation Model Considering Nonlinear Utility and Time Constraint. Studies in Computational Intelligence, 2012, , 21-37.	0.9	3
81	A Regression-Based Approach for Improving the Association Rule Mining through Predicting the Number of Rules on General Datasets. Lecture Notes in Computer Science, 2012, , 229-240.	1.3	0
82	Stigmergic Modeling for Web Service Composition and Adaptation. Lecture Notes in Computer Science, 2012, , 324-334.	1.3	1
83	A time-driven adaptive mecahnism for cloud resource allocation. , 2011, , .		1
84	Case-Based Trust Evaluation from Provenance Information. , 2011, , .		6
85	A Hybrid Multiagent Framework With Q-Learning for Power Grid Systems Restoration. IEEE Transactions on Power Systems, 2011, 26, 2434-2441.	6.5	70
86	Secure mobile agents with controlled resources. Concurrency Computation Practice and Experience, 2011, 23, 1348-1366.	2.2	2
87	Attribute-based authentication for multi-agent systems with dynamic groups. Computer Communications, 2011, 34, 436-446.	5.1	4
88	GTrust: An Innovated Trust Model for Group Services Selection in Web-Based Service-Oriented Environments. Lecture Notes in Computer Science, 2011, , 306-313.	1.3	5
89	A Parallel, Multi-issue Negotiation Model in Dynamic E-Markets. Lecture Notes in Computer Science, 2011, , 442-451.	1.3	5
90	Coordinated Learning for Loosely Coupled Agents with Sparse Interactions. Lecture Notes in Computer Science, 2011, , 392-401.	1.3	2

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91	Special Issue on Advances in Agent-mediated Automated Negotiations. Multiagent and Grid Systems, 2010, 6, 401-402.	0.9	0
92	Using colored petri nets to predict future states in agent-based scheduling and planning systems. Multiagent and Grid Systems, 2010, 6, 527-542.	0.9	2
93	PBTrust: A Priority-Based Trust Model for Service Selection in General Service-Oriented Environments. , 2010, , .		9
94	Optimization of Multiple Related Negotiation through Multi-Negotiation Network. Lecture Notes in Computer Science, 2010, , 174-185.	1.3	4
95	A Hybrid Multi-Agent Framework for Load Management in Power Grid Systems. Studies in Computational Intelligence, 2010, , 129-143.	0.9	2
96	Self-organisation in an Agent Network via Multiagent Q-Learning. Lecture Notes in Computer Science, 2010, , 14-26.	1.3	0
97	DGF: Decentralized Group Formation for Task Allocation in Complex Adaptive Systems. Studies in Computational Intelligence, 2010, , 3-19.	0.9	1
98	Discovery of Core-Nodes in Event-Based Social Networks. , 2009, , .		1
99	Adaptive conceding strategies for automated trading agents in dynamic, open markets. Decision Support Systems, 2009, 46, 704-716.	5.9	39
100	Secure Mobile Agents with Designated Hosts. , 2009, , .		5
101	An Efficient Task Allocation Protocol for P2P Multi-agent Systems. , 2009, , .		4
102	Collaborative Agents for Complex Problems Solving. Intelligent Systems Reference Library, 2009, , 361-399.	1.2	4
103	CPN-Based State Analysis and Prediction for Multi-agent Scheduling and Planning. Studies in Computational Intelligence, 2009, , 161-176.	0.9	1
104	The Prediction of Partners' Behaviors in Self-interested Agents. Studies in Computational Intelligence, 2009, , 1-20.	0.9	0
105	A Market-Based Multi-Issue Negotiation Model Considering Multiple Preferences in Dynamic E-Marketplaces. Lecture Notes in Computer Science, 2009, , 1-16.	1.3	1
106	P2P Distributed Intrusion Detections by Using Mobile Agents. , 2008, , .		19
107	Ontology-Based Knowledge Representation for a P2P Multi-agent Distributed Intrusion Detection System. , 2008, , .		1
108	Special issue on negotiation and scheduling mechanisms for multiagent systems. Multiagent and Grid Systems, 2008, 4, 1-3.	0.9	1

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109	A flexible and reasonable mechanism for self-interested agent team forming. Multiagent and Grid Systems, 2008, 4, 85-101.	0.9	0
110	Agent-Based Grid Computing. Studies in Computational Intelligence, 2008, , 439-483.	0.9	2
111	A Fuzzy Logic-Based Approach for Flexible Self-Interested Agent Team Forming. Studies in Computational Intelligence, 2008, , 101-113.	0.9	0
112	Optimal Multi-issue Negotiation in Open and Dynamic Environments. Lecture Notes in Computer Science, 2008, , 321-332.	1.3	0
113	Market-driven agents with uncertain and dynamic outside options. , 2007, , .		7
114	A Fuzzy-Based Approach for Partner Selection in Multi-Agent Systems. , 2007, , .		5
115	Prediction of Partners' Behaviors in Agent Negotiation under Open and Dynamic Environments. , 2007, , .		1
116	Prediction of Partners' Behaviors in Agent Negotiation under Open and Dynamic Environments. , 2007, , .		5
117	Expert discovery and knowledge mining in complex multi-agent systems. Journal of Systems Science and Systems Engineering, 2007, 16, 222-234.	1.6	5
118	Predicting Partners' Behaviors in Negotiation by Using Regression Analysis. , 2007, , 165-176.		6
119	Two-stage statistical language models for text database selection. Information Retrieval, 2006, 9, 5-31.	2.0	5
120	Coordinating Agent Interactions Under Open Environments. Computational Intelligence and Its Applications Series, 2006, , 52-67.	0.2	2
121	An Agent-based Peer-to-Peer Grid Computing Architecture. , 2005, , .		9
122	Dynamic Team Forming in Self-interested Multi-agent Systems. Lecture Notes in Computer Science, 2005, , 674-683.	1.3	4
123	Rational constraints for fusion methods in metasearch engine systems. International Journal of Intelligent Systems, 2004, 19, 177-190.	5.7	2
124	Identifying potential synthesis cases in distributed expert systems: a fuzzy logic approach. Knowledge-Based Systems, 2001, 14, 359-365.	7.1	0
125	Potential cases, methodologies, and strategies of synthesis of solutions in distributed expert systems. IEEE Transactions on Knowledge and Data Engineering, 1999, 11, 498-503.	5.7	14
126	A case-based strategy for solution synthesis among cooperative expert systems. Lecture Notes in Computer Science, 1998, , 231-240.	1.3	1

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127	Neural network strategies for solving synthesis problems in non-conflict cases in distributed expert systems. Lecture Notes in Computer Science, 1996, , 174-188.	1.3	2
128	Three possible approaches for solution synthesis in distributed expert systems. , 0, , .		0
129	Ontology-Based Resource Descriptions for Distributed Information Sources. , 0, , .		2
130	A Coloured Petri Net Based Strategy for Multi-Agent Scheduling. , 0, , .		5
131	Identifying and breaking necessary constraints to web-based metacomputing. , 0, , .		0