Nasser mozayani

List of Publications by Year
in descending order

81 papers	655 citations

1040056

9 h-index	

794594

19 g-index	

85 all docs	85 docs citations
85 times ranked	540 citing authors

#	Article	IF	Citations
1	Lip reading using external viseme decoding. , 2022, , .		3
2	Improving demandâ€response scheme in smart grids using reinforcement learning. International Journal of Energy Research, 2021, 45, 21082-21095.	4.5	4
3	Acquiring reusable skills in intrinsically motivated reinforcement learning. Journal of Intelligent Manufacturing, 2020, , 1.	7.3	4
4	Developing and Evaluating A Real time and Energy Efficient Architecture for An Internet of Health Things. , 2020, , .		2
5	Evaluating skills in hierarchical reinforcement learning. International Journal of Machine Learning and Cybernetics, 2020, 11, 2407-2420.	3.6	2
6	Optimizing Dynamic Pricing Demand Response Algorithm Using Reinforcement Learning in Smart Grid. , 2020, , .		0
7	Gene Regulatory Networks Full Observable Cbased on Batch Reinforcement Learning: An Improved Policy. , 2019, , .		1
8	A hierarchical, scalable architecture for a real-time monitoring system for an electrocardiography, using context-aware computing. Journal of Biomedical Informatics, 2019, 96, 103251.	4.3	14
9	Automatic construction and evaluation of macro-actions in reinforcement learning. Applied Soft Computing Journal, 2019, 82, 105574.	7.2	4
10	Towards Topological Analysis of Networked Holonic Multi-agent Systems. Lecture Notes in Computer Science, 2019, , 42-54.	1.3	2
11	Utilizing an Agent Based Negotiation Mechanism to Defend Against Jamming Attack in Smart Grid Power Market. , 2018, , .		2
12	A Flexible and Efficient Reconfigurable Architecture based on Multi-Agent Systems. , 2018, , .		0
13	Constructing and Evaluating Options in Reinforcement Learning. , 2018, , .		0
14	A Holonification Model Using Random Forest for Crowd Simulation. , 2018, , .		0
15	The pedagogical agent enhances mathematics learning in ADHD students. Education and Information Technologies, 2018, 23, 2299-2308.	5.7	34
16	Overload management with regard to fairness in session initiation protocol networks by holonic multiagent systems. International Journal of Network Management, 2017, 27, e1969.	2.2	3
17	A socially-based distributed self-organizing algorithm for holonic multi-agent systems: Case study in a task environment. Cognitive Systems Research, 2017, 43, 21-44.	2.7	23
18	An optimized bandwidth allocation in broadband digital economy. , 2016, , .		0

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19	A deep structure for option discovery in reinforcement learning. , 2016, , .		0
20	Dialogue strategy for horizontal communication in MAS organization. Computational and Mathematical Organization Theory, 2016, 22, 161-183.	2.0	4
21	The impact of diversity on performance of holonic multi-agent systems. Engineering Applications of Artificial Intelligence, 2016, 55, 186-201.	8.1	13
22	A simple interaction model for learner agents: An evolutionary approach. Journal of Intelligent and Fuzzy Systems, 2016, 30, 2713-2726.	1.4	3
23	A dynamic distributed overload control mechanism in SIP networks with holonic multi-agent systems. Telecommunication Systems, 2016, 63, 437-455.	2.5	6
24	Extracting bottlenecks for reinforcement learning agent by holonic concept clustering and attentional functions. Expert Systems With Applications, 2016, 54, 61-77.	7.6	5
25	Negotiations in Holonic Multi-agent Systems. Studies in Computational Intelligence, 2016, , 107-118.	0.9	2
26	Using reinforcement learning to make smart energy storage sources in microgrid. , 2015, , .		4
27	A heuristic method to bias protein's primary sequence in protein structure prediction. , 2015, , .		0
28	Towards reinforcement learning for holonic multi-agent systems. Intelligent Data Analysis, 2015, 19, 211-232.	0.9	7
29	Enhancing Nash Q-learning and Team Q-learning mechanisms by using bottlenecks. Journal of Intelligent and Fuzzy Systems, 2014, 26, 2771-2783.	1.4	9
30	An EDA-based community detection in complex networks. , 2014, , .		3
31	A new dialogue strategy in multi-agent systems. Journal of Intelligent and Fuzzy Systems, 2014, 27, 641-653.	1.4	3
32	HOMAN, a learning based negotiation method for holonic multi-agent systems. Journal of Intelligent and Fuzzy Systems, 2014, 26, 655-666.	1.4	5
33	Agent dialogue strategy based on priority of goals. , 2014, , .		0
34	Multi-level holonification of multi-agent networks. , 2014, , .		6
35	Hierarchical control of traffic signals using Q-learning with tile coding. Applied Intelligence, 2014, 40, 201-213.	5.3	50
36	Automatic abstraction controller in reinforcement learning agent via automata. Applied Soft Computing Journal, 2014, 25, 118-128.	7.2	9

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37	Holonic multi-agent system for traffic signals control. Engineering Applications of Artificial Intelligence, 2013, 26, 1575-1587.	8.1	121
38	A Novel Information Exchange Model in IT Infrastructure of Smart Grid. Research Journal of Applied Sciences, Engineering and Technology, 2013, 6, 4399-4404.	0.1	5
39	Urban Traffic Control Using Adjusted Reinforcement Learning in a Multi-agent System. Research Journal of Applied Sciences, Engineering and Technology, 2013, 6, 2943-2950.	0.1	2
40	Cell Number Optimization for Quantum Cellular Automata Based on AND-OR-INVERTER. Journal of Computational and Theoretical Nanoscience, 2012, 9, 627-630.	0.4	3
41	A genetic programming based learning system to derive multipole and local expansions for the fast multipole method. AI Communications, 2012, 25, 305-319.	1.2	0
42	Automatic dynamics simplification in Fast Multipole Method: application to large flocking systems. Journal of Supercomputing, 2012, 62, 1537-1559.	3.6	2
43	A fast image registration approach based on SIFT key-points applied to super-resolution. Imaging Science Journal, 2012, 60, 185-201.	0.5	11
44	Emergent holonic organization by stigmergy. , 2012, , .		1
45	Holonification of a Network of Agents Based on Graph Theory. Lecture Notes in Computer Science, 2012, , 379-388.	1.3	10
46	An Automatic Learning System to Derive Multipole and Local Expansions for the Fast Multipole Method. Lecture Notes in Computer Science, 2012, , 1-10.	1.3	0
47	Traffic light control in non-stationary environments based on multi agent Q-learning. , 2011, , .		122
48	A street lighting control system based on holonic structures and traffic system. , 2011, , .		8
49	Multi-agent based simulations using fast multipole method: application to large scale simulations of flocking dynamical systems. Artificial Intelligence Review, 2011, 35, 53-72.	15.7	12
50	Video enhancement through image registration based on structural similarity. Imaging Science Journal, 2011, 59, 238-250.	0.5	6
51	A New Mechanism for Negotiations in Multi-Agent Systems Based on ARTMAP Artificial Neural Network. Lecture Notes in Computer Science, 2011, , 311-320.	1.3	1
52	A Classifier Ensemble for Face Recognition Using Gabor Wavelet Features. Lecture Notes in Computer Science, 2011, , 301-307.	1.3	0
53	Improving Multi-agent Negotiations Using Multi-Objective PSO Algorithm. Lecture Notes in Computer Science, 2010, , 92-101.	1.3	6
54	On the hardness of negotiations in multi-agent systems. , 2009, , .		2

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55	Secure Safety Messages Broadcasting in Vehicular Network. , 2009, , .		3
56	A secure architecture for mobility management in heterogeneous networks in IMS. , 2009, , .		0
57	Regional Varying Image Super-Resolution. , 2009, , .		5
58	A framework to evaluate multi-objective optimization algorithms in multi-agent negotiations. , 2009, , .		1
59	Predicting Opponents Offers in Multi-agent Negotiations Using ARTMAP Neural Network. , 2009, , .		4
60	A new criterion to distinguish stochastic and deterministic time series with the PoincarÃ© section and fractal dimension. Chaos, 2009, 19, 013137.	2.5	12
61	Adjusting the parameters of radial basis function networks using Particle Swarm Optimization. , 2009, , .		9
62	A new similarity difference measure in multi agent systems. , 2009, , .		0
63	Reinforcement Learning for Soccer Multi-agents System. , 2009, , .		1
64	Evaluating Feature Selection Techniques in Simulated Soccer Multi Agents System. , 2009, , .		4
65	Incorporating expert knowledge in Q-learning by means of fuzzy rules. , 2009, , .		1
66	Evolutionary-Reduced Ordered Binary Decision Diagram. , 2009, , .		4
67	Precise Image Registration with Structural Similarity Error Measurement Applied to Superresolution. Eurasip Journal on Advances in Signal Processing, 2009, 2009, .	1.7	6
68	Divide & Conquer Classification and Optimization by Genetic Algorithm. , 2008, , .		14
69	Real time prediction of time delays in a networked control system. , 2008, , .		7
70	A novel, fast and accurate approach for coupling factor computation between square open loop resonators using fuzzy inference method. , 2008, , .		1
71	CSMD: Centralized Surface Matching Degree, a New Approach for Determining Matching Degree in Fuzzy Systems. , 2008, , .		2
72	Vehicle Ad-Hoc Networks Clustering. , 2008, , .		4

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73	A genetic-based input variable selection algorithm using mutual information and wavelet network for time series prediction. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	3
74	A new on-line signature verification by Spatio-Temporal neural network. , 2008, , .		3
75	Learning through Decision Tree in Simulated Soccer Environment. , 2008, , .		2
76	The Study of Handover in Mobile IPv6 Networks. , 2008, , .		1
77	A New Centralized Group Key Distribution and Revocation in Sensor Network. , 2007, , .		1
78	A new multi-objective evolutionary approach for creating ensemble of classifiers. , 2007, , .		5
79	QR Decomposition-Based Algorithm for Background Subtraction. , 2007, , .		5
80	A Qualitative Model for Input Impedance and Coupling of Microstrip Patch Antennas by Means of Fuzzy Inference Method. , 2007, , .		3
81	A Combined Feature for Fingerprint Recognition. , 2007, , .		3