Onn M Shehory

List of Publications by Year
in descending order

64 papers	2,067 citations	1039406 9 h-index	642321 23 g-index
66 all docs	66 docs citations	66 times ranked	988 citing authors

#	Article	IF	Citations
1	Methods for task allocation via agent coalition formation. Artificial Intelligence, 1998, 101, 165-200.	3.9	763
2	Coalition structure generation with worst case guarantees. Artificial Intelligence, 1999, 111, 209-238.	3.9	506
3	Feasible Formation of Coalitions Among Autonomous Agents in Nonsuperadditive Environments. Computational Intelligence, 1999, 15, 218-251.	2.1	110
4	Coalition formation with uncertain heterogeneous information. , 2003, , .		105
5	Evaluation of modeling techniques for agent-based systems. , 2001, , .		66
6	A Framework for Evaluating Agent-Oriented Methodologies. Lecture Notes in Computer Science, 2004, , 94-109.	1.0	56
7	Emergent cooperative goal-satisfaction in large-scale automated-agent systems. Artificial Intelligence, 1999, 110, 1-55.	3.9	54
8	A study of mechanisms for improving robotic group performance. Artificial Intelligence, 2008, 172, 633-655.	3.9	27
9	Single-model method for specifying multi-agent systems. , 2003, , .		25
10	Automated and Adaptive Threshold Setting: Enabling Technology for Autonomy and Self-Management. , 0, , .		25
11	Distributed Trust in Open Multi-agent Systems. Lecture Notes in Computer Science, 2001, , 159-174.	1.0	20
12	PANACEA Towards a Self-healing Development Framework. , 2007, , .		19
13	A formal treatment of distributed matchmaking (poster). , 1998, , .		16
14	Fuzzy kernel-stable coalitions between rational agents. , 2003, , .		16
15	The RETSINA communicator. , 2000, , .		15
16	Derivation of Response Time Service Level Objectives for Business Services. , 2007, , .		13
17	Testing of dataâ€centric and eventâ€based dynamic service compositions. Software Testing Verification and Reliability, 2013, 23, 465-497.	1.7	12
18	Can self-healing software cope with loitering?. , 2007, , .		11

#	Article	IF	Citations
19	A comparative evaluation of agent location mechanisms in large scale MAS. , 2005, , .		10
20	Test Coverage of Data-Centric Dynamic Compositions in Service-Based Systems. , 2011, , .		10
21	Software Architecture Attributes of Multi-agent Systems. Lecture Notes in Computer Science, 2001, , 77-90.	1.0	10
22	SHADOWS: Self-healing complex software systems. , 2008, , .		9
23	An Object-Process-Based Modeling Language for Multiagent Systems. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2010, 40, 227-241.	3.3	9
24	Query restart strategies for Web agents. , 1998, , .		8
25	A Comparative Evaluation of Agent-Oriented Methodologies. , 2004, , 127-149.		8
26	Agent-Oriented Software Engineering: Revisiting the State of the Art. , 2014, , 13-26.		8
27	A Brief Introduction to Agents. , 2014, , 3-11.		8
28	Increasing Resource Utilization and Task Performance by Agent Cloning. Lecture Notes in Computer Science, 1999, , 413-426.	1.0	7
29	Dynamic Protocol Selection in Open and Heterogeneous Systems. , 2006, , .		7
30	Efficient Control of False Negative and False Positive Errors with Separate Adaptive Thresholds. IEEE Transactions on Network and Service Management, 2011, 8, 128-140.	3.2	7
31	FITTEST: A new continuous and automated testing process for future Internet applications. , 2014, , .		7
32	Two-sided search with experts. Autonomous Agents and Multi-Agent Systems, 2015, 29, 364-401.	1.3	7
33	Equilibria Strategies for Selecting Sellers and Satisfying Buyers. Lecture Notes in Computer Science, 2001, , 166-177.	1.0	7
34	On experimental equilibria strategies for selecting sellers and satisfying buyers. Decision Support Systems, 2004, 38, 329-346.	3.5	6
35	A Feasible and Practical Coalition Formation Mechanism Leveraging Compromise and Task Relationships. , 2006, , .		6
36	Code coverage analysis in practice for large systems. , 2011, , .		6

#	Article	IF	Citations
37	The role of semantics in the success of crowdfunding projects. PLoS ONE, 2022, 17, e0263891.	1.1	6
38	Performance management via adaptive thresholds with separate control of false positive and false negative errors. , 2009, , .		5
39	Evaluating the FITTEST Automated Testing Tools: An Industrial Case Study. , 2013, , .		5
40	Optimality and Risk in Purchase from Multiple Auctions. Lecture Notes in Computer Science, 2001, , 142-153.	1.0	5
41	Multi-agent Systems: A Software Architecture Viewpoint. , 2014, , 57-78.		5
42	The Landscape of Agent-Oriented Methodologies. , 2014, , 137-154.		5
43	THE APPLICATION-BASED DOMAIN ANALYSIS APPROACH AND ITS OBJECT-PROCESS METHODOLOGY IMPLEMENTATION. International Journal of Software Engineering and Knowledge Engineering, 2008, 18, 1115-1142.	0.6	4
44	Two-sided search with experts. , 2012, , .		4
45	Game-Based Extraction of Web Users' Personality Factors for Personalization. , 2017, , .		4
46	Goal-Satisfaction in Large-Scale Agent Systems: A Transportation Example. Lecture Notes in Computer Science, 1999, , 277-292.	1.0	3
47	Dynamic Coalitions Formation in Dynamic Uncertain Environments. , 2015, , .		3
48	Coalition formation with dynamically changing externalities. Engineering Applications of Artificial Intelligence, 2020, 91, 103577.	4.3	3
49	Strategies for querying information agents. Lecture Notes in Computer Science, 1998, , 94-107.	1.0	2
50	Towards industrially applicable modeling technique for agent-based systems. , 2002, , .		2
51	Computationally efficient and revenue optimized auctioneer's strategy for expanding auctions. , 2006, , .		2
52	Spawning Information Agents on the Web. , 1999, , 412-430.		2
53	Collaborative Load-Balancing in Storage Networks Using Agent Negotiation. Lecture Notes in Computer Science, 0, , 306-320.	1.0	2
54	Optimizing auctioneer's revenues in expanding multi-unit auctions. , 2005, , .		1

#	Article	IF	Citations
55	Improving throughput via slowdowns. , 2010, , .		1
56	The Evolution of MAS Tools. , 2014, , 275-288.		1
57	The FITTEST Tool Suite for Testing Future Internet Applications. Lecture Notes in Computer Science, 2014, , 1-31.	1.0	1
58	The FITTEST Tool Suite for Testing Future Internet Applications. Lecture Notes in Computer Science, 2014, , 1-31.	1.0	1
59	The role of agents in enterprise system management. , 2006, , .		0
60	SOQUA 2007. , 2007, , .		0
61	ARAMIS 2008: The First Int. Workshop on Automated engineeRing of Autonomic and run-tiMe evolvIng Systems. , 2008, , .		0
62	Bi-concurrent layered architecture for eCommerce agents. , 2002, , .		0
63	Theoretically Founded Optimization of Auctioneerâ€™s Revenues in Expanding Auctions. Lecture Notes in Business Information Processing, 2008, , 62-75.	0.8	0
64	Adapting Agentâ€™s Interactions in Dynamic Contexts. Lecture Notes in Business Information Processing, 2014, , 152-159.	0.8	0