Miltiades E Anagnostou

List of Publications by Year
in descending order

61 papers	416 citations	840776 11 h-index	888059 17 g-index
63 all docs	63 docs citations	63 times ranked	274 citing authors

#	Article	IF	Citations
1	Traffic source models for ATM networks: a survey. Computer Communications, 1994, 17, 428-438.	5.1	43
2	Context-awareness in wireless and mobile computing revisited to embrace social networking. IEEE Communications Magazine, 2012, 50, 74-81.	6.1	41
3	Quality of service requirements in ATM-based B-ISNDs. Computer Communications, 1991, 14, 197-204.	5.1	30
4	Context management for the provision of adaptive services to roaming users. IEEE Wireless Communications, 2004, 11, 40-47.	9.0	29
5	Context Modelling and Management in Ambient-Aware Pervasive Environments. Lecture Notes in Computer Science, 2005, , 2-15.	1.3	29
6	Utility-based RAT selection optimization in heterogeneous wireless networks. Pervasive and Mobile Computing, 2014, 12, 92-111.	3.3	25
7	Semantic Interoperability for IoT Platforms in Support of Decision Making: An Experiment on Early Wildfire Detection. Sensors, 2019, 19, 528.	3.8	20
8	Providing recommendations on location-based social networks. Journal of Ambient Intelligence and Humanized Computing, 2016, 7, 567-578.	4.9	15
9	Minimization of frequency assignment span in cellular networks. IEEE Transactions on Vehicular Technology, 1999, 48, 873-882.	6.3	14
10	COMPACT: Middleware for context representation and management in pervasive computing. International Journal of Pervasive Computing and Communications, 2007, 2, 229-246.	1.3	14
11	Network selection in heterogeneous wireless environments. , 2011, , .		14
12	CONTEXT MANAGEMENT IN VIRTUAL HOME ENVIRONMENT SYSTEMS. Journal of Circuits, Systems and Computers, 2004, 13, 293-311.	1.5	13
13	Neural networks against genetic algorithms for negotiating agent behaviour prediction. Web Intelligence and Agent Systems, 2008, 6, 217-233.	0.4	11
14	An approach to identifying QoS problems. Computer Communications, 1994, 17, 563-570.	5.1	9
15	Periodic attachment in future mobile telecommunications. IEEE Transactions on Vehicular Technology, 1995, 44, 555-564.	6.3	9
16	Socially Aware Heterogeneous Wireless Networks. Sensors, 2015, 15, 13705-13724.	3.8	9
17	Cross-community context management in Cooperating Smart Spaces. Personal and Ubiquitous Computing, 2014, 18, 427-443.	2.8	8
18	Cell insertion ratio analysis in asynchronous transfer mode networks. Computer Networks, 1992, 24, 335-344.	1.0	7

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19	Efficient Location and Paging Area Planning in Future Cellular Systems. Wireless Personal Communications, 2000, 12, 83-109.	2.7	6
20	Title is missing!. Wireless Personal Communications, 2001, 18, 289-317.	2.7	5
21	Multi-modal Opponent Behaviour Prognosis in E-Negotiations. Lecture Notes in Computer Science, 2011, , 113-123.	1.3	5
22	Steady-state and transient delay analysis of ARQ protocols. Computer Communications, 1984, 7, 23-30.	5.1	4
23	Designing next generation middleware for context-aware ubiquitous and pervasive computing. International Journal of Ad Hoc and Ubiquitous Computing, 2007, 2, 197.	0.5	4
24	MVRC Heuristic for Solving the Multi-Choice Multi-Constraint Knapsack Problem. Lecture Notes in Computer Science, 2006, , 579-587.	1.3	4
25	Optimal component configuration and component routing. IEEE Transactions on Mobile Computing, 2002, 1, 303-312.	5.8	3
26	Interference-oriented carrier assignment in wireless communications. IEEE Communications Letters, 2003, 7, 7-9.	4.1	3
27	Experiences with middleware and mobile agents in an e-commerce European project. International Journal of Internet and Enterprise Management, 2004, 2, 163.	0.1	3
28	Comparing the Performance of MLP and RBF Neural Networks Employed by Negotiating Intelligent Agents. , 2006, , .		3
29	Economic evaluation of a mature ATM network. IEEE Journal on Selected Areas in Communications, 1992, 10, 1503-1509.	14.0	2
30	Optimal channel assignment in cellular networks. International Journal of Communication Systems, 1995, 8, 359-364.	2.5	2
31	Design of the Access Network Segment of Future Mobile Communications Systems. Wireless Personal Communications, 1999, 11, 247-268.	2.7	2
32	Provision of VHE services to roaming users. Journal of Communications and Networks, 2002, 4, 363-369.	2.6	2
33	Retailer selection in future open competitive communications environments. Computer Communications, 2002, 25, 662-675.	5.1	2
34	USING NEURAL NETWORKS TO MINIMIZE THE DURATION OF AUTOMATED NEGOTIATION THREADS FOR HYBRID OPPONENTS. Journal of Circuits, Systems and Computers, 2010, 19, 59-74.	1.5	2
35	USING NEURAL NETWORKS FOR EARLY DETECTION OF UNSUCCESSFUL NEGOTIATION THREADS. International Journal on Artificial Intelligence Tools, 2011, 20, 457-487.	1.0	2
36	On Intelligent Base Station Activation for Next Generation Wireless Networks. Procedia Computer Science, 2015, 63, 82-88.	2.0	2

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37	Designing the Context Matching Engine for Evaluating and Selecting Context Information Sources. Lecture Notes in Computer Science, 2006, , 101-117.	1.3	2
38	Context and Community Awareness in Support of User Intent Prediction. , 2014, , 359-378.		2
39	Analysis of a buffered TDM system with a general arrival process. IEEE Transactions on Communications, 1994, 42, 1752-1757.	7.8	1
40	Adaptive radio spectrum allocation through mid-term reconfigurations for cellular communications systems. Computer Communications, 1999, 22, 361-375.	5.1	1
41	Reconfiguration of carrier assignment in cellular networks. Wireless Networks, 1999, 5, 429-443.	3.0	1
42	Optimal adaptive spectrum utilization in cellular communications systems. IEEE Transactions on Communications, 1999, 47, 1469-1471.	7.8	1
43	Introducing advanced telematic services in rural areas. Information Polity, 2002, 7, 21-37.	0.8	1
44	Cost-Efficient Design of Future Broadband Fixed Wireless Access Systems. Wireless Personal Communications, 2003, 27, 57-87.	2.7	1
45	Speeding-up information retrieval with the employment of a multi-agent system. International Journal of Wireless and Mobile Computing, 2010, 4, 210.	0.2	1
46	RAT Selection Optimization in Heterogeneous Wireless Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 460-472.	0.3	1
47	Multi-user context inference based on neural networks. , 2014, , .		1
48	Detecting Unsuccessful Automated Negotiation Threads When Opponents Employ Hybrid Strategies. Lecture Notes in Computer Science, 2008, , 27-39.	1.3	1
49	Playing against Hedge. International Journal of Communications, Network and System Sciences, 2014, 07, 497-507.	0.6	1
50	Putting Personal Smart Spaces into Context. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2015, , 710-730.	0.5	1
51	Terminal detach scenarios in future mobile telecommunications. International Journal of Wireless Information Networks, 1994, 1, 253-269.	2.7	0
52	Improving a Set of Sequential Heuristics for the Channel Allocation Problem. International Journal of Wireless Information Networks, 2000, 7, 105-113.	2.7	0
53	Introduction of accounting capabilities in future service architectures. Journal of Systems and Software, 2002, 64, 115-129.	4.5	0
54	Userâ€sensitive and qualityâ€driven discovery of context information for the successful delivery of contextâ€aware services. International Journal of Pervasive Computing and Communications, 2007, 2, 219-228.	1.3	0

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55	Privacy now and in the age of ambient intelligence. International Journal of Electronic Security and Digital Forensics, 2009, 2, 355.	0.2	0
56	Route planning for agent-based information retrieval. Computational Optimization and Applications, 2010, 47, 77-96.	1.6	0
57	Worst performance of Hedge in short games. , 2015, , .		0
58	Re-Identification risk in anonymized data sets with parent-child information. , 2021, , .		0
59	Advertisement-Aided Search in a P2P Context Distribution System. Lecture Notes in Computer Science, 2006, , 892-895.	1.3	0
60	On e-Government Project Development in Balmeda. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 259-269.	0.3	0
61	Energy Impact of Heterogeneous Wireless Networks on Mobile Devices. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 234-240.	0.3	0