

Ahmed Karmouch

List of Publications by Year in descending order

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52
papers

627
citations

1040056

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19
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52
all docs

52
docs citations

52
times ranked

662
citing authors

#	ARTICLE	IF	CITATIONS
1	Resource Discovery and Allocation in Network Virtualization. IEEE Communications Surveys and Tutorials, 2012, 14, 1114-1128.	39.4	137
2	Towards Autonomic Network Management: an Analysis of Current and Future Research Directions. IEEE Communications Surveys and Tutorials, 2009, 11, 22-36.	39.4	91
3	Decomposition Approaches for Virtual Network Embedding With One-Shot Node and Link Mapping. IEEE/ACM Transactions on Networking, 2015, 23, 1012-1025.	3.8	75
4	Precision agriculture monitoring framework based on WSN. , 2011, , .		29
5	Multimedia distributed cooperative system. Computer Communications, 1993, 16, 568-580.	5.1	21
6	Software Defined Network-Based Edge Cloud Resource Allocation Framework. IEEE Access, 2019, 7, 10672-10690.	4.2	21
7	An infrastructure as a Service for Mobile Ad-hoc Cloud. , 2017, , .		20
8	ENDN. , 2020, , .		18
9	SORD: A Fault-Resilient Service Overlay for MediaPort Resource Discovery. IEEE Transactions on Parallel and Distributed Systems, 2009, 20, 1112-1125.	5.6	17
10	A framework for self-configuring devices using TR-069. , 2011, , .		17
11	Efficient Modeling and Demand Allocation for Differentiated Cloud Virtual-Network as-a Service Offerings. IEEE Transactions on Cloud Computing, 2016, 4, 376-391.	4.4	13
12	Network virtualization: Dealing with multiple infrastructure providers. , 2012, , .		11
13	Monitoring IPTV quality of experience in overlay networks using utility functions. Journal of Network and Computer Applications, 2015, 54, 1-10.	9.1	10
14	Job completion prediction using case-based reasoning for Grid computing environments. Concurrency Computation Practice and Experience, 2007, 19, 1253-1269.	2.2	9
15	A Decentralized Self-Organizing Service Composition for Autonomic Entities. ACM Transactions on Autonomous and Adaptive Systems, 2011, 6, 1-18.	0.8	9
16	Fault-tolerant IaaS management for networked cloud infrastructure with SDN. , 2017, , .		9
17	Managing the mobile Ad-hoc cloud ecosystem using software defined networking principles. , 2017, , .		9
18	FCTrees: A Front-Coded Family of Compressed Tree-Based FIB Structures for NDN Routers. IEEE Transactions on Network and Service Management, 2020, 17, 1167-1180.	4.9	9

#	ARTICLE	IF	CITATIONS
19	A Loss-Based Utility Function for Predicting IPTV Quality of Experience over an Overlay Network. , 2011, , .		8
20	Meta-Data and Media Management in a Multimedia Interactive Telelearning System. Multimedia Tools and Applications, 2002, 16, 137-160.	3.9	7
21	A Policy-Based Simulator for Assisted Adaptive Vertical Handover. , 2011, , .		7
22	A Distributed Auction-based Framework for Scalable IaaS Provisioning in Geo-Data Centers. IEEE Transactions on Cloud Computing, 2018, , 1-1.	4.4	7
23	An Agent Model for the Resolution of Feature Conflicts in Telephony. Journal of Network and Systems Management, 2000, 8, 419-437.	4.9	6
24	An adaptive rendezvous data dissemination for irregular sensor networks with multiple sinks. Computer Communications, 2010, 33, 176-189.	5.1	6
25	Aggregation-based discovery for virtual network environments. , 2012, , .		6
26	Utility function for predicting IPTV Quality of Experience based on delay in Overlay Networks. , 2013, , .		5
27	Title is missing!. Multimedia Tools and Applications, 1999, 8, 137-166.	3.9	4
28	PACMAN: A Policy-Based Architecture for Context Management in Ambient Networks. , 2007, , .		4
29	A context-aware and location prediction framework for dynamic environments. , 2011, , .		4
30	Self-organizing overlay networks for Autonomic Manager selection. , 2012, , .		4
31	A QoS Monitor Selection Mechanism for Cellular Data Networks. , 2015, , .		4
32	Optimization of device selection in a Mobile Ad-hoc cloud based on composition score. , 2017, , .		4
33	Topology-based on-board data dissemination approach for sensor network. , 2007, , .		3
34	Seamless video handoff in session mobility over the IMS network. , 2009, , .		3
35	Service specific overlay composition and reconfiguration. , 2012, , .		3
36	SDN-Based Framework for Infrastructure as a Service Clouds. , 2016, , .		3

#	ARTICLE	IF	CITATIONS
37	Design and analysis of an IEEE 802.21-based mobility management architecture: a context-aware approach. <i>Wireless Networks</i> , 2013, 19, 187-205.	3.0	2
38	A Game-Theoretic Approach for Dynamic and Adaptive Managers Selection in Service Specific Overlay Networks. <i>Journal of Network and Systems Management</i> , 2015, 23, 731-752.	4.9	2
39	An Automated VNF Manager based on Parameterized Action MDP and Reinforcement Learning. , 2021, , .		2
40	Multimedia Modeling. , 1999, , .		2
41	Mapping Applications Intents to Programmable NDN Data-Planes via Event-B Machines. <i>IEEE Access</i> , 2022, 10, 29668-29686.	4.2	2
42	FCTree: A Space Efficient FIB Data Structure for NDN Routers. , 2018, , .		1
43	A Survey of Routing Mechanisms in ICNs. , 2018, , .		1
44	EP4: An Application-Aware Network Architecture with a Customizable Data Plane. , 2021, , .		1
45	A Novel Resource Reliability-Aware Infrastructure Manager for Containerized Network Functions. , 2021, , .		1
46	Guest Editorial: Modeling Multimedia Information and Systems. <i>Multimedia Tools and Applications</i> , 2002, 16, 5-6.	3.9	0
47	Agent-based multimedia presentation and adaptation service. <i>Multimedia Tools and Applications</i> , 2007, 34, 299-315.	3.9	0
48	An Adaptive Vertical Handover in Service Specific Overlay Networks. , 2012, , .		0
49	A QoS Monitor Selection Mechanism for Cellular Data Networks. , 2014, , .		0
50	SDN-based IaaS for mobile computing. , 2017, , .		0
51	MODEL-BASED VIDEO SUMMARIZATION FOR MOBILE USERS. , 2000, , .		0
52	Architecture and Storage Model for Multimedia Documents. , 1996, , 345-371.		0