

# Adnan Ashraf

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

752  
citations

1306789

7  
h-index

1473754

9  
g-index

31  
all docs

31  
docs citations

31  
times ranked

680  
citing authors

#	ARTICLE	IF	CITATIONS
1	Using Ant Colony System to Consolidate VMs for Green Cloud Computing. IEEE Transactions on Services Computing, 2015, 8, 187-198.	3.2	256
2	Prediction-Based Dynamic Resource Allocation for Video Transcoding in Cloud Computing. , 2013, , .		71
3	Multi-objective dynamic virtual machine consolidation in the cloud using ant colony system. International Journal of Parallel, Emergent and Distributed Systems, 2018, 33, 103-120.	0.7	46
4	Model-based testing using UML activity diagrams: A systematic mapping study. Computer Science Review, 2019, 33, 98-112.	10.2	43
5	Stream-Based Admission Control and Scheduling for Video Transcoding in Cloud Computing. , 2013, , .		32
6	Energy-Aware Dynamic VM Consolidation in Cloud Data Centers Using Ant Colony System. , 2014, , .		32
7	CRAMP: Cost-efficient Resource Allocation for Multiple web applications with Proactive scaling. , 2012, , .		27
8	A Computation and Storage Trade-off Strategy for Cost-Efficient Video Transcoding in the Cloud. , 2013, , .		26
9	Integrating Learning, Optimization, and Prediction for Efficient Navigation of Swarms of Drones. , 2018, , .		26
10	A Session-Based Adaptive Admission Control Approach for Virtualized Application Servers. , 2012, , .		23
11	Feedback Control Algorithms to Deploy and Scale Multiple Web Applications per Virtual Machine. , 2012, , .		21
12	Towards Automatic Performance and Scalability Testing of Rich Internet Applications in the Cloud. , 2011, , .		18
13	Cost-Efficient Virtual Machine Provisioning for Multi-tier Web Applications and Video Transcoding. , 2013, , .		18
14	Distributed virtual machine consolidation: A systematic mapping study. Computer Science Review, 2018, 28, 118-130.	10.2	17
15	A Systematic Mapping Study on API Documentation Generation Approaches. , 2018, , .		16
16	Online Path Generation and Navigation for Swarms of UAVs. Scientific Programming, 2020, 2020, 1-14.	0.5	13
17	Prediction-based VM provisioning and admission control for multi-tier web applications. Journal of Cloud Computing: Advances, Systems and Applications, 2016, 5, .	2.1	10
18	Exploratory Performance Testing Using Reinforcement Learning. , 2019, , .		10

#	ARTICLE	IF	CITATIONS
19	Using Ant Colony System to Consolidate Multiple Web Applications in a Cloud Environment. , 2014, , .		9
20	Using Optimization, Learning, and Drone Reflexes to Maximize Safety of Swarms of Drones. , 2018, , .		8
21	On the Use of Hackathons to Enhance Collaboration in Large Collaborative Projects : - A Preliminary Case Study of the MegaM@Rt2 EU Project -. , 2019, , .		8
22	Using Deep Reinforcement Learning for Exploratory Performance Testing of Software Systems With Multi-Dimensional Input Spaces. IEEE Access, 2020, 8, 195000-195020.	2.6	8
23	Towards a realtime, collision-free motion coordination and navigation system for a UAV fleet. , 2017, , .		3
24	Exhaustive Simulation and Test Generation Using fUML Activity Diagrams. Lecture Notes in Computer Science, 2019, , 96-110.	1.0	3
25	MegaM@Rt2 Project: Mega-Modelling at Runtime - Intermediate Results and Research Challenges. Lecture Notes in Computer Science, 2019, , 393-405.	1.0	2
26	A Multi-objective ACS Algorithm to Optimize Cost, Performance, and Reliability in the Cloud. , 2015, , .		2
27	Automating the Generation of Test Cases from Object-Z Specifications. , 2006, , .		1
28	Model-Based System Engineering in Practice. , 2018, , .		1
29	MATERA2-AlfTester: An Exhaustive Simulation and Test Generation Tool for fUML Models. , 2019, , .		1
30	A Systematic Mapping Study on Edge Computing Approaches for Maritime Applications. , 2021, , .		1
31	Cost-Efficient, Utility-Based Caching of Expensive Computations in the Cloud. , 2015, , .		0