Aakash Ahmad

List of Publications by Year
in descending order

38
papers	692
citations	1163117
8
h-index	677142
22
g-index
41
all docs	41
docs citations	41
times ranked	629
citing authors

#	Article	IF	Citations
1	Cloud Migration Research: A Systematic Review. IEEE Transactions on Cloud Computing, 2013, 1, 142-157.	4.4	246
2	Autonomic resource provisioning for cloud-based software. , 2014, , .		108
3	Software architectures for robotic systems: A systematic mapping study. Journal of Systems and Software, 2016, 122, 16-39.	4.5	66
4	A Framework for Classifying and Comparing Architecture-centric Software Evolution Research. , 2013, , .		42
5	Security and Privacy for mHealth and uHealth Systems: A Systematic Mapping Study. IEEE Access, 2020, 8, 150081-150112.	4.2	27
6	Architecting Software for the Internet of Thing Based Systems. Future Internet, 2019, 11, 153.	3.8	24
7	Classification and comparison of architecture evolution reuse knowledge—a systematic review. Journal of Software: Evolution and Process, 2014, 26, 654-691.	1.6	17
8	A framework for architecture-driven migration of legacy systems to cloud-enabled software. , 2014, , .		17
9	Classification and Mapping of Adaptive Security for Mobile Computing. IEEE Transactions on Emerging Topics in Computing, 2020, 8, 814-832.	4.6	13
10	Adaptive Security for Self-Protection of Mobile Computing Devices. Mobile Networks and Applications, 2023, 28, 1-20.	3.3	12
11	Formal Analysis of Language-Based Android Security Using Theorem Proving Approach. IEEE Access, 2019, 7, 16550-16560.	4.2	12
12	Graph-Based Pattern Identification from Architecture Change Logs. Lecture Notes in Business Information Processing, 2012, , 200-213.	1.0	10
13	CrashSafe: a formal model for proving crash-safety of Android applications. Human-centric Computing and Information Sciences, 2018, 8, .	6.1	9
14	Cloud-based Detection of Road Bottlenecks Using OBD-II Telematics. , 2019, , .		9
15	On the Nature of Issues in Five Open Source Microservices Systems: An Empirical Study. , 2021, , .		9
16	An Empirical Study on Developing Secure Mobile Health Apps: The Developers' Perspective. , 2020, , .		8
17	Graph-based implicit knowledge discovery from architecture change logs. , 2012, , .		7
18	A Mobile Cloud Framework for Context-Aware and Portable Recommender System for Smart Markets. EAI/Springer Innovations in Communication and Computing, 2020, , 283-309.	1.1	6

#	Article	IF	Citations
19	Security Awareness of End-Users of Mobile Health Applications: An Empirical Study. , 2020, , .		6
20	Software Engineering for IoT-Driven Data Analytics Applications. IEEE Access, 2021, 9, 48197-48217.	4.2	5
21	Mining Patterns from Change Logs to Support Reuse-Driven Evolution of Software Architectures. Journal of Computer Science and Technology, 2018, 33, 1278-1306.	1.5	4
22	An Overview of Ontologies and Tool Support for COVID-19 Analytics. , 2021, , .		4
23	Customisable Transformation-Driven Evolution for Service Architectures. , 2011, , .		3
24	A Comprehensive Framework for Analyzing IoT Platforms: A Smart City Industrial Experience. Smart Cities, 2021, 4, 588-622.	9.4	3
25	Modernizing Legacy Software as Contextâ€"Sensitive and Portable Mobile-Enabled Application. IT Professional, 2021, 23, 42-50.	1.5	3
26	A Taxonomy to Support Team Coordination in Global Software Engineering Environment. Journal of Computational and Theoretical Nanoscience, 2016, 13, 3238-3247.	0.4	3
27	Towards Establishing a Catalogue of Patterns for Architecting Mobile Cloud Software. , 2017, , .		3
28	Migration of existing software systems to mobile computing platforms: a systematic mapping study. Frontiers of Computer Science, 2021, 15, 1.	2.4	2
29	SpoofCatch: A Client-Side Protection Tool Against Phishing Attacks. IT Professional, 2021, 23, 65-74.	1.5	2
30	Special Issue on IoT for Fighting COVID-19. Pervasive and Mobile Computing, 2021, 77, 101492.	3.3	2
31	Decision Models for Selecting Patterns and Strategies in Microservices Systems and their Evaluation by Practitioners. , 2022, , .		2
32	Pattern-based customisable transformations for style-based service architecture evolution. , 2010, , .		1
33	A framework for acquisition and application of software architecture evolution knowledge. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2013, 38, 1-7.	0.7	1
34	Software Architecture for Mobile Cloud Computing Systems. Future Internet, 2019, 11, 238.	3.8	1
35	Software Architecture Solutions for the Internet of Things: A Taxonomy of Existing Solutions and Vision for the Emerging Research. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.7	1
36	Corrections to â€œModernizing Legacy Software as Context-Sensitive and Portable Mobile-Enabled Applicationâ€. IT Professional, 2021, 23, 110-110.	1.5	0

#	Article	IF	Citations
37	Towards a Mobile Cloud Framework for First Responder Teams in Smart Emergency Management. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 258-263.	0.3	0
38	Bio-inspired Think-and-Share Optimization for Big Data Provenance in Wireless Sensor Networks. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.7	0