

Aakash Ahmad

List of Publications by Year in descending order

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38
papers

692
citations

1163117

8
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677142

22
g-index

41
all docs

41
docs citations

41
times ranked

629
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Security for Self-Protection of Mobile Computing Devices. Mobile Networks and Applications, 2023, 28, 1-20.	3.3	12
2	Decision Models for Selecting Patterns and Strategies in Microservices Systems and their Evaluation by Practitioners. , 2022, , .		2
3	Migration of existing software systems to mobile computing platforms: a systematic mapping study. Frontiers of Computer Science, 2021, 15, 1.	2.4	2
4	Software Engineering for IoT-Driven Data Analytics Applications. IEEE Access, 2021, 9, 48197-48217.	4.2	5
5	SpoofCatch: A Client-Side Protection Tool Against Phishing Attacks. IT Professional, 2021, 23, 65-74.	1.5	2
6	A Comprehensive Framework for Analyzing IoT Platforms: A Smart City Industrial Experience. Smart Cities, 2021, 4, 588-622.	9.4	3
7	Corrections to "Modernizing Legacy Software as Context-Sensitive and Portable Mobile-Enabled Application" IT Professional, 2021, 23, 110-110.	1.5	0
8	On the Nature of Issues in Five Open Source Microservices Systems: An Empirical Study. , 2021, , .		9
9	Modernizing Legacy Software as Context-Sensitive and Portable Mobile-Enabled Application. IT Professional, 2021, 23, 42-50.	1.5	3
10	Special Issue on IoT for Fighting COVID-19. Pervasive and Mobile Computing, 2021, 77, 101492.	3.3	2
11	An Overview of Ontologies and Tool Support for COVID-19 Analytics. , 2021, , .		4
12	Classification and Mapping of Adaptive Security for Mobile Computing. IEEE Transactions on Emerging Topics in Computing, 2020, 8, 814-832.	4.6	13
13	Security and Privacy for mHealth and uHealth Systems: A Systematic Mapping Study. IEEE Access, 2020, 8, 150081-150112.	4.2	27
14	An Empirical Study on Developing Secure Mobile Health Apps: The Developers' Perspective. , 2020, , .		8
15	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
16	Security Awareness of End-Users of Mobile Health Applications: An Empirical Study. , 2020, , .		6
17	Architecting Software for the Internet of Thing Based Systems. Future Internet, 2019, 11, 153.	3.8	24
18	Formal Analysis of Language-Based Android Security Using Theorem Proving Approach. IEEE Access, 2019, 7, 16550-16560.	4.2	12

#	ARTICLE	IF	CITATIONS
19	Cloud-based Detection of Road Bottlenecks Using OBD-II Telematics. , 2019, , .		9
20	Software Architecture for Mobile Cloud Computing Systems. Future Internet, 2019, 11, 238.	3.8	1
21	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
22	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
23	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
24	CrashSafe: a formal model for proving crash-safety of Android applications. Human-centric Computing and Information Sciences, 2018, 8, .	6.1	9
25	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
26	Towards Establishing a Catalogue of Patterns for Architecting Mobile Cloud Software. , 2017, , .		3
27	Software architectures for robotic systems: A systematic mapping study. Journal of Systems and Software, 2016, 122, 16-39.	4.5	66
28	A Taxonomy to Support Team Coordination in Global Software Engineering Environment. Journal of Computational and Theoretical Nanoscience, 2016, 13, 3238-3247.	0.4	3
29	Classification and comparison of architecture evolution reuse knowledgeâ€”a systematic review. Journal of Software: Evolution and Process, 2014, 26, 654-691.	1.6	17
30	Autonomic resource provisioning for cloud-based software. , 2014, , .		108
31	A framework for architecture-driven migration of legacy systems to cloud-enabled software. , 2014, , .		17
32	A Framework for Classifying and Comparing Architecture-centric Software Evolution Research. , 2013, , .		42
33	Cloud Migration Research: A Systematic Review. IEEE Transactions on Cloud Computing, 2013, 1, 142-157.	4.4	246
34	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
35	Graph-based implicit knowledge discovery from architecture change logs. , 2012, , .		7
36	Graph-Based Pattern Identification from Architecture Change Logs. Lecture Notes in Business Information Processing, 2012, , 200-213.	1.0	10

#	ARTICLE	IF	CITATIONS
37	Customisable Transformation-Driven Evolution for Service Architectures. , 2011, , .		3
38	Pattern-based customisable transformations for style-based service architecture evolution. , 2010, , .		1