Awais Rashid

List of Publications by Year
in descending order

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63	1,401	471509	552781
papers	citations	17 h-index	26 g-index

64	64	64	823
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modularisation and composition of aspectual requirements. , 2003, , .		254
2	Persistence as an aspect. , 2003, , .		85
3	Semantics-based composition for aspect-oriented requirements engineering. , 2007, , .		84
4	Data exfiltration: A review of external attack vectors and countermeasures. Journal of Network and Computer Applications, 2018, 101, 18-54.	9.1	72
5	On the Impact of Aspectual Decompositions on Design Stability: An Empirical Study. Lecture Notes in Computer Science, 2007, , 176-200.	1.3	56
6	Panning for gold: Automatically analysing online social engineering attack surfaces. Computers and Security, 2017, 69, 18-34.	6.0	54
7	Software Engineering for Smart Cyber-Physical Systems. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2017, 42, 19-24.	0.7	49
8	Who Am I? Analyzing Digital Personas in Cybercrime Investigations. Computer, 2013, 46, 54-61.	1.1	42
9	Reflections on architectural connection. , 2006, , .		41
10	Domain Models Are NOT Aspect Free. Lecture Notes in Computer Science, 2006, , 155-169.	1.3	38
11	The Good, the Bad and the Ugly: A Study of Security Decisions in a Cyber-Physical Systems Game. IEEE Transactions on Software Engineering, 2019, 45, 521-536.	5.6	33
12	Aspect-Oriented Software Development in Practice: Tales from AOSD-Europe. Computer, 2010, 43, 19-26.	1.1	31
13	A Systematic Survey of Online Data Mining Technology Intended for Law Enforcement. ACM Computing Surveys, 2015, 48, 1-54.	23.0	31
14	EA-Miner: Towards Automation in Aspect-Oriented Requirements Engineering. , 2007, , 4-39.		27
15	Buddy's Wearable Is Not Your Buddy: Privacy Implications of Pet Wearables. IEEE Security and Privacy, 2019, 17, 28-39.	1.2	26
16	Information assurance techniques: Perceived cost effectiveness. Computers and Security, 2016, 60, 117-133.	6.0	25
17	Social Networking Privacy: Understanding the Disconnect from Policy to Controls. Computer, 2013, 46, 60-67.	1.1	21
18	iCOP: Live forensics to reveal previously unknown criminal media on P2P networks. Digital Investigation, 2016, 18, 50-64.	3.2	20

#	Article	IF	Citations
19	Weaving aspects in a persistent environment. ACM SIGPLAN Notices, 2002, 37, 36-44.	0.2	19
20	Interventions for longâ€term software security: Creating a lightweight program of assurance techniques for developers. Software - Practice and Experience, 2020, 50, 275-298.	3.6	19
21	EA-Analyzer: automating conflict detection in a large set of textual aspect-oriented requirements. Automated Software Engineering, 2013, 20, 111-135.	2.9	18
22	Bringing Cyber to School: Integrating Cybersecurity Into Secondary School Education. IEEE Security and Privacy, 2020, 18, 68-74.	1.2	18
23	Aspect-Oriented Database Systems. , 2004, , .		17
24	An architectural pattern for designing component-based application frameworks. Software - Practice and Experience, 2006, 36, 157-190.	3.6	17
25	Towards forensic-ready software systems. , 2018, , .		17
26	Discovering "unknown known" security requirements. , 2016, , .		16
27	Trust Beyond Computation Alone: Human Aspects of Trust in Blockchain Technologies. , 2019, , .		16
28	COMPASS: Composition-Centric Mapping of Aspectual Requirements to Architecture. , 2007, , 3-53.		16
29	SimaticScan: Towards A Specialised Vulnerability Scanner for Industrial Control Systems. , 2016, , .		16
30	Oops I Did it Again. , 2019, , .		15
31	A Comparative Study of Aspect-Oriented Requirements Engineering Approaches. , 2007, , .		14
32	Formal semantic conflict detection in aspect-oriented requirements. Requirements Engineering, 2009, 14, 247-268.	3.1	12
33	Scamming the Scammers. , 2017, , .		12
34	A Hybrid Approach to Separation of Concerns: The Story of SADES. Lecture Notes in Computer Science, 2001, , 231-249.	1.3	12
35	Towards the practical mutation testing of AspectJ programs. Science of Computer Programming, 2013, 78, 1639-1662.	1.9	11
36	Beware suppliers bearing gifts!: Analysing coverage of supply chain cyber security in critical national infrastructure sectorial and cross-sectorial frameworks. Computers and Security, 2021, 108, 102324.	6.0	11

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37	The Case for Adaptive Security Interventions. ACM Transactions on Software Engineering and Methodology, 2022, 31, 1-52.	6.0	11
38	Object database evolution using separation of concerns. SIGMOD Record, 2000, 29, 26-33.	1.2	11
39	Software Engineering Ethics in a Digital World. Computer, 2009, 42, 34-41.	1.1	10
40	Interventions for Software Security: Creating a Lightweight Program of Assurance Techniques for Developers. , 2019, , .		9
41	The Impact of Surface Features on Choice of (in)Secure Answers by Stackoverflow Readers. IEEE Transactions on Software Engineering, 2022, 48, 364-376.	5.6	9
42	Î¼ -DSU: A Micro-Language Based Approach to Dynamic Software Updating. Computer Languages, Systems and Structures, 2018, 51, 71-89.	1.4	8
43	Contextualising and aligning security metrics and business objectives: A GQM-based methodology. Computers and Security, 2020, 88, 101634.	6.0	7
44	Weak Signals as Predictors of Real-World Phenomena in Social Media. , 2015, , .		6
45	Challenging software developers: dialectic as a foundation for security assurance techniques. Translational Research in Oral Oncology, 2020, 6, .	3.3	6
46	A Model Curriculum for Aspect-Oriented Software Development. IEEE Software, 2006, 23, 53-61.	1.8	5
47	Pointcut Rejuvenation: Recovering Pointcut Expressions in Evolving Aspect-Oriented Software. IEEE Transactions on Software Engineering, 2012, 38, 642-657.	5.6	5
48	Developers Are Neither Enemies Nor Users: They Are Collaborators. , 2021, , .		5
49	When the future meets the past: Can safety and cyber security coexist in modern critical infrastructures?. Big Data and Society, 2022, 9, 205395172211083.	4.5	5
50	A database evolution taxonomy for object-oriented databases. Journal of Software: Evolution and Process, 2005, 17, 93-141.	1.1	4
51	All That Glitters Is Not Gold: On the Effectiveness of Cybersecurity Qualifications. Computer, 2017, 50, 60-71.	1.1	4
52	A Cross-Virtual Machine Network Channel Attack via Mirroring and TAP Impersonation. , 2018, , .		4
53	The Best Laid Plans or Lack Thereof: Security Decision-Making of Different Stakeholder Groups. IEEE Transactions on Software Engineering, 2022, 48, 1515-1528.	5.6	4
54	Conflict Identification with EA-Analyzer. , 2013, , 209-224.		4

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55	Privacy Design Strategies for Home Energy Management Systems (HEMS). , 2022, , .		4
56	Flash mobs, Arab Spring and protest movements: Can we analyse group identities in online conversations?. Expert Systems With Applications, 2016, 62, 212-224.	7.6	3
57	AspectJ code analysis and verification with GASR. Journal of Systems and Software, 2016, 117, 528-544.	4.5	3
58	Detecting broken pointcuts using structural commonality and degree of interest. Science of Computer Programming, 2017, 150, 56-74.	1.9	2
59	The Effect of Software Warranties on Cybersecurity. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2019, 43, 31-35.	0.7	2
60	Everything Is Awesome! or Is It? Cyber Security Risks in Critical Infrastructure. Lecture Notes in Computer Science, 2020, , 3-17.	1.3	2
61	Children Online. International Journal of Corpus Linguistics, 2012, 17, 443-481.	1.4	1
62	Mastering crosscutting architectural decisions with aspects. Software - Practice and Experience, 2013, 43, 305-332.	3.6	1
63	Predicting Collective Action from Micro-Blog Data. Lecture Notes in Social Networks, 2017, , 141-170.	0.1	1