# Awais Rashid

List of Publications by Year
in descending order

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|---|---|---|---|
| 63 papers | 1,401 citations | 471509<br>17 h-index | 552781<br>26 g-index |
| 64 all docs | 64 docs citations | 64 times ranked | 823 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | The Case for Adaptive Security Interventions. ACM Transactions on Software Engineering and Methodology, 2022, 31, 1-52. | 6.0 | 11 |
| 4 | Privacy Design Strategies for Home Energy Management Systems (HEMS). , 2022, , . | | 4 |
| 5 | 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 |
| 6 | 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 |
| 7 | Developers Are Neither Enemies Nor Users: They Are Collaborators. , 2021, , . | | 5 |
| 8 | Contextualising and aligning security metrics and business objectives: A GQM-based methodology. Computers and Security, 2020, 88, 101634. | 6.0 | 7 |
| 9 | Interventions for long‑term software security: Creating a lightweight program of assurance techniques for developers. Software - Practice and Experience, 2020, 50, 275-298. | 3.6 | 19 |
| 10 | Challenging software developers: dialectic as a foundation for security assurance techniques. Translational Research in Oral Oncology, 2020, 6, . | 3.3 | 6 |
| 11 | Bringing Cyber to School: Integrating Cybersecurity Into Secondary School Education. IEEE Security and Privacy, 2020, 18, 68-74. | 1.2 | 18 |
| 12 | Everything Is Awesome! or Is It? Cyber Security Risks in Critical Infrastructure. Lecture Notes in Computer Science, 2020, , 3-17. | 1.3 | 2 |
| 13 | Trust Beyond Computation Alone: Human Aspects of Trust in Blockchain Technologies. , 2019, , . | | 16 |
| 14 | Interventions for Software Security: Creating a Lightweight Program of Assurance Techniques for Developers. , 2019, , . | | 9 |
| 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 | Oops I Did it Again. , 2019, , . | | 15 |
| 17 | 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 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Î¼ -DSU: A Micro-Language Based Approach to Dynamic Software Updating. Computer Languages, Systems and Structures, 2018, 51, 71-89. | 1.4 | 8 |
| 20 | Data exfiltration: A review of external attack vectors and countermeasures. Journal of Network and Computer Applications, 2018, 101, 18-54. | 9.1 | 72 |
| 21 | A Cross-Virtual Machine Network Channel Attack via Mirroring and TAP Impersonation. , 2018, , . | | 4 |
| 22 | Towards forensic-ready software systems. , 2018, , . | | 17 |
| 23 | 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 |
| 24 | Panning for gold: Automatically analysing online social engineering attack surfaces. Computers and Security, 2017, 69, 18-34. | 6.0 | 54 |
| 25 | Detecting broken pointcuts using structural commonality and degree of interest. Science of Computer Programming, 2017, 150, 56-74. | 1.9 | 2 |
| 26 | All That Glitters Is Not Gold: On the Effectiveness of Cybersecurity Qualifications. Computer, 2017, 50, 60-71. | 1.1 | 4 |
| 27 | Scamming the Scammers. , 2017, , . | | 12 |
| 28 | Predicting Collective Action from Micro-Blog Data. Lecture Notes in Social Networks, 2017, , 141-170. | 0.1 | 1 |
| 29 | Discovering "unknown known" security requirements. , 2016, , . | | 16 |
| 30 | Information assurance techniques: Perceived cost effectiveness. Computers and Security, 2016, 60, 117-133. | 6.0 | 25 |
| 31 | 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 |
| 32 | iCOP: Live forensics to reveal previously unknown criminal media on P2P networks. Digital Investigation, 2016, 18, 50-64. | 3.2 | 20 |
| 33 | AspectJ code analysis and verification with GASR. Journal of Systems and Software, 2016, 117, 528-544. | 4.5 | 3 |
| 34 | SimaticScan: Towards A Specialised Vulnerability Scanner for Industrial Control Systems. , 2016, , . | | 16 |
| 35 | Weak Signals as Predictors of Real-World Phenomena in Social Media. , 2015, , . | | 6 |
| 36 | A Systematic Survey of Online Data Mining Technology Intended for Law Enforcement. ACM Computing Surveys, 2015, 48, 1-54. | 23.0 | 31 |

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|---|---------|-----|-----------|
| 37 | Mastering crosscutting architectural decisions with aspects. Software - Practice and Experience, 2013, 43, 305-332. | 3.6 | 1 |
| 38 | Social Networking Privacy: Understanding the Disconnect from Policy to Controls. Computer, 2013, 46, 60-67. | 1.1 | 21 |
| 39 | Who Am I? Analyzing Digital Personas in Cybercrime Investigations. Computer, 2013, 46, 54-61. | 1.1 | 42 |
| 40 | EA-Analyzer: automating conflict detection in a large set of textual aspect-oriented requirements. Automated Software Engineering, 2013, 20, 111-135. | 2.9 | 18 |
| 41 | Towards the practical mutation testing of AspectJ programs. Science of Computer Programming, 2013, 78, 1639-1662. | 1.9 | 11 |
| 42 | Conflict Identification with EA-Analyzer. , 2013, , 209-224. | | 4 |
| 43 | Children Online. International Journal of Corpus Linguistics, 2012, 17, 443-481. | 1.4 | 1 |
| 44 | Pointcut Rejuvenation: Recovering Pointcut Expressions in Evolving Aspect-Oriented Software. IEEE Transactions on Software Engineering, 2012, 38, 642-657. | 5.6 | 5 |
| 45 | Aspect-Oriented Software Development in Practice: Tales from AOSD-Europe. Computer, 2010, 43, 19-26. | 1.1 | 31 |
| 46 | Software Engineering Ethics in a Digital World. Computer, 2009, 42, 34-41. | 1.1 | 10 |
| 47 | Formal semantic conflict detection in aspect-oriented requirements. Requirements Engineering, 2009, 14, 247-268. | 3.1 | 12 |
| 48 | Semantics-based composition for aspect-oriented requirements engineering. , 2007, , . | | 84 |
| 49 | A Comparative Study of Aspect-Oriented Requirements Engineering Approaches. , 2007, , . | | 14 |
| 50 | On the Impact of Aspectual Decompositions on Design Stability: An Empirical Study. Lecture Notes in Computer Science, 2007, , 176-200. | 1.3 | 56 |
| 51 | EA-Miner: Towards Automation in Aspect-Oriented Requirements Engineering. , 2007, , 4-39. | | 27 |
| 52 | COMPASS: Composition-Centric Mapping of Aspectual Requirements to Architecture. , 2007, , 3-53. | | 16 |
| 53 | A Model Curriculum for Aspect-Oriented Software Development. IEEE Software, 2006, 23, 53-61. | 1.8 | 5 |
| 54 | An architectural pattern for designing component-based application frameworks. Software - Practice and Experience, 2006, 36, 157-190. | 3.6 | 17 |

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| 55 | Reflections on architectural connection. , 2006, , . | | 41 |
| 56 | Domain Models Are NOT Aspect Free. Lecture Notes in Computer Science, 2006, , 155-169. | 1.3 | 38 |
| 57 | A database evolution taxonomy for object-oriented databases. Journal of Software: Evolution and Process, 2005, 17, 93-141. | 1.1 | 4 |
| 58 | Aspect-Oriented Database Systems. , 2004, , . | | 17 |
| 59 | Modularisation and composition of aspectual requirements. , 2003, , . | | 254 |
| 60 | Persistence as an aspect. , 2003, , . | | 85 |
| 61 | Weaving aspects in a persistent environment. ACM SIGPLAN Notices, 2002, 37, 36-44. | 0.2 | 19 |
| 62 | A Hybrid Approach to Separation of Concerns: The Story of SADES. Lecture Notes in Computer Science, 2001, , 231-249. | 1.3 | 12 |
| 63 | Object database evolution using separation of concerns. SIGMOD Record, 2000, 29, 26-33. | 1.2 | 11 |