Hossein Saiedian

List of Publications by Year
in descending order

24 papers	264 citations	1163117 8 h-index	940533 16 g-index
26 all docs	26 docs citations	26 times ranked	220 citing authors

#	Article	IF	Citations
1	Does Test-Driven Development Really Improve Software Design Quality?. IEEE Software, 2008, 25, 77-84.	1.8	65
2	A novel kill-chain framework for remote security log analysis with SIEM software. Computers and Security, 2017, 67, 198-210.	6.0	46
3	Test-driven learning. SIGCSE Bulletin, 2006, 38, 254-258.	0.1	25
4	Improving SIEM alert metadata aggregation with a novel kill-chain based classification model. Computers and Security, 2020, 94, 101817.	6.0	18
5	Secure Software Engineering: Learning from the Past to Address Future Challenges. Information Security Journal, 2009, 18, 8-25.	1.9	17
6	Security Threats and Mitigating Risk for USB Devices. IEEE Technology and Society Magazine, 2010, 29, 44-49.	0.8	17
7	Scenario-based requirements analysis techniques for real-time software systems: a comparative evaluation. Requirements Engineering, 2005, 10, 22-33.	3.1	11
8	An evaluation of the impact of component-based architectures on software reusability. Information and Software Technology, 2002, 44, 351-359.	4.4	9
9	Empirical Software Engineering in Industry Short Courses. Conference on Software Engineering Education and Training, 2007, , .	0.0	9
10	USBWall: A novel security mechanism to protect against maliciously reprogrammed USB devices. Information Security Journal, 2017, 26, 166-185.	1.9	9
11	An Analytical Study of Web Application Session Management Mechanisms and HTTP Session Hijacking Attacks. Information Security Journal, 2013, 22, 55-67.	1.9	8
12	An architectureâ€centric software maintainability assessment using information theory. Journal of Software: Evolution and Process, 2009, 21, 1-18.	1.1	6
13	A streamlined, cost-effective database approach to manage requirements traceability. Software Quality Journal, 2013, 21, 23-38.	2.2	4
14	A Tagging Approach to Extract Security Requirements in Non-Traditional Software Development Processes. International Journal of Secure Software Engineering, 2014, 5, 31-47.	0.4	4
15	A Framework for Evaluating Distributed Object Models and its Application to Web Engineering. Annals of Software Engineering, 2002, 13, 71-96.	0.5	3
16	An evaluation of videogame network architecture performance and security. Computer Networks, 2021, 192, 108128.	5.1	3
17	The availability of source code in relation to timely response to security vulnerabilities. Computers and Security, 2003, 22, 707-724.	6.0	2
18	Establishing and validating secured keys for IoT devices: using P3 connection model on a cloud-based architecture. International Journal of Information Security, 2022, 21, 427-436.	3.4	2

#	Article	IF	Citations
19	A comparative evaluation of generic programming in Java and C++. Software - Practice and Experience, 2003, 33, 121-142.	3.6	1
20	Practical recommendations to minimize software capability evaluation risks. Software Process Improvement and Practice, 2003, 8, 145-156.	1.1	1
21	A Complex Event Routing Infrastructure for Distributed Systems. , 2009, , .		1
22	Compressed Two's Complement Data Formats Provide Greater Dynamic Range and Improved Noise Performance [exploratory DSP]. IEEE Signal Processing Magazine, 2011, 28, 154-158.	5.6	1
23	Mass surveillance: A study of past practices and technologies to predict future directions. Security and Privacy, 2021, 4, e142.	2.7	1
24	A State Saturation Attack against Massively Multiplayer Online Videogames. , 2021, , .		0