

Wes Masri

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

641
citations

933447

10
h-index

752698

20
g-index

41
all docs

41
docs citations

41
times ranked

236
citing authors

#	ARTICLE	IF	CITATIONS
1	How detrimental is coincidental correctness to coverage-based fault detection and localization? An empirical study. <i>Software Testing Verification and Reliability</i> , 2021, 31, e1762.	2.0	4
2	Substate Profiling for Enhanced Fault Detection and Localization: An Empirical Study. , 2020, , .		3
3	Coincidental correctness in the Defects4J benchmark. <i>Software Testing Verification and Reliability</i> , 2019, 29, e1696.	2.0	14
4	CFAAR: Control Flow Alteration to Assist Repair. , 2018, , .		1
5	Substate Profiling for Effective Test Suite Reduction. , 2018, , .		3
6	GUICop: Approach and toolset for specification-based GUI testing. <i>Software Testing Verification and Reliability</i> , 2017, 27, e1642.	2.0	2
7	UCov: a user-defined coverage criterion for test case intent verification. <i>Software Testing Verification and Reliability</i> , 2016, 26, 460-491.	2.0	5
8	<i>SQLPIL</i>: SQL injection prevention by input labeling. <i>Security and Communication Networks</i> , 2015, 8, 2545-2560.	1.5	14
9	Reducing execution profiles: techniques and benefits. <i>Software Testing Verification and Reliability</i> , 2015, 25, 115-137.	2.0	2
10	Automated Fault Localization. <i>Advances in Computers</i> , 2015, , 103-156.	1.6	8
11	PBCOV: a property-based coverage criterion. <i>Software Quality Journal</i> , 2015, 23, 171-202.	2.2	5
12	Lossless Reduction of Execution Profiles Using a Genetic Algorithm. , 2014, , .		2
13	Prevalence of coincidental correctness and mitigation of its impact on fault localization. <i>ACM Transactions on Software Engineering and Methodology</i> , 2014, 23, 1-28.	6.0	72
14	Generating profile-based signatures for online intrusion and failure detection. <i>Information and Software Technology</i> , 2014, 56, 238-251.	4.4	12
15	Weighted Execution Profiles for Software Testing. , 2014, , .		1
16	State Profiling of Internal Variables. , 2014, , .		3
17	Coverage Specification for Test Case Intent Preservation in Regression Suites. , 2013, , .		4
18	Isolating failing test cases: A comparative experimental study of clustering techniques. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
19	Does Principal Component Analysis Improve Cluster-Based Analysis?. , 2013, , .		5
20	Leveraging Strength-Based Dynamic Information Flow Analysis to Enhance Data Value Prediction. Transactions on Architecture and Code Optimization, 2012, 9, 1-33.	2.0	3
21	GUICOP: Specification-Based GUI Testing. , 2012, , .		14
22	Enhancing Fault Localization via Multivariate Visualization. , 2012, , .		14
23	An algorithm for capturing variables dependences in test suites. Journal of Systems and Software, 2011, 84, 1171-1190.	4.5	10
24	Identifying Failure-Related Dependence Chains. , 2011, , .		11
25	Fault localization based on information flow coverage. Software Testing Verification and Reliability, 2010, 20, 121-147.	2.0	55
26	Cleansing Test Suites from Coincidental Correctness to Enhance Fault-Localization. , 2010, , .		53
27	The potential of using dynamic information flow analysis in data value prediction. , 2010, , .		9
28	Test case filtering and prioritization based on coverage of combinations of program elements. , 2009, , .		12
29	Measuring the strength of information flows in programs. ACM Transactions on Software Engineering and Methodology, 2009, 19, 1-33.	6.0	41
30	Algorithms and tool support for dynamic information flow analysis. Information and Software Technology, 2009, 51, 385-404.	4.4	29
31	Intrusion detection using signatures extracted from execution profiles. , 2009, , .		5
32	Property based coverage criterion. , 2009, , .		2
33	An empirical study of the factors that reduce the effectiveness of coverage-based fault localization. , 2009, , .		43
34	Application-based anomaly intrusion detection with dynamic information flow analysis. Computers and Security, 2008, 27, 176-187.	6.0	26
35	Exploiting the empirical characteristics of program dependences for improved forward computation of dynamic slices. Empirical Software Engineering, 2008, 13, 369-399.	3.9	17
36	An Empirical Study of Test Case Filtering Techniques Based on Exercising Information Flows. IEEE Transactions on Software Engineering, 2007, 33, 454-477.	5.6	69

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37	Memoized Forward Computation of Dynamic Slices. Software Reliability Engineering (ISSRE), Proceedings of the IEEE International Symposium on, 2006, , .	0.0	7
38	An empirical study of the strength of information flows in programs. , 2006, , .		21
39	An empirical evaluation of test case filtering techniques based on exercising complex information flows. , 2005, , .		20
40	Using dynamic information flow analysis to detect attacks against applications. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2005, 30, 1-7.	0.7	11
41	Using dynamic information flow analysis to detect attacks against applications. , 2005, , .		8