Upulee Kanewala

List of Publications by Year
in descending order

17 papers	367 citations	1684188 5 h-index	1872680 6 g-index
18 all docs	18 docs citations	18 times ranked	451 citing authors

#	Article	IF	Citations
1	Testing scientific software: A systematic literature review. Information and Software Technology, 2014, 56, 1219-1232.	4.4	99
2	Predicting metamorphic relations for testing scientific software: a machine learning approach using graph kernels. Software Testing Verification and Reliability, 2016, 26, 245-269.	2.0	73
3	Using machine learning techniques to detect metamorphic relations for programs without test oracles. , 2013, , .		56
4	Automated Test Oracles. Advances in Computers, 2014, , 113-199.	1.6	20
5	Techniques for testing scientific programs without an oracle. , 2013, , .		17
6	Techniques for Automatic Detection of Metamorphic Relations. , 2014, , .		15
7	Using semi-supervised learning for predicting metamorphic relations. , 2018, , .		15
8	Predicting metamorphic relations for matrix calculation programs. , 2018, , .		13
9	Quality assurance of bioinformatics software. , 2018, , .		12
10	Fault detection effectiveness of source test case generation strategies for metamorphic testing. , 2018, , .		9
11	Experiences of testing bioinformatics programs for detecting subtle faults. , 2016, , .		7
12	Metamorphic Testing: A Simple Yet Effective Approach for Testing Scientific Software. Computing in Science and Engineering, 2019, 21, 66-72.	1.2	7
13	Contextual Understanding and Improvement of Metamorphic Testing in Scientific Software Development. , 2021, , .		6
14	Metamorphic relation prioritization for effective regression testing. Software Testing Verification and Reliability, 2022, 32, .	2.0	6
15	Relational similarity model for suggesting friends in online social networks. , 2011, , .		5
16	MRpredT. , 2020, , .		4
17	Using Metamorphic Relations to Improve The Effectiveness of Automatically Generated Test Cases. , 2022, , .		0