Fabiano Cutigi Ferrari

List of Publications by Year
in descending order

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34
papers

478
citations

1163117
8
h-index

1058476
14
g-index

34
all docs

34
docs citations

34
times ranked

312
citing authors

#	Article	IF	Citations
1	Mutation Testing for Aspect-Oriented Programs. , 2008, , .		59
2	A systematic literature review of techniques and metrics to reduce the cost of mutation testing. Journal of Systems and Software, 2019, 157, 110388.	4.5	57
3	Assessing the Impact of Aspects on Exception Flows: An Exploratory Study. Lecture Notes in Computer Science, 2008, , 207-234.	1.3	47
4	An exploratory study of fault-proneness in evolving aspect-oriented programs. , 2010, , .		38
5	The impact of Software Testing education on code reliability: An empirical assessment. Journal of Systems and Software, 2018, 137, 497-511.	4.5	32
6	Testing aspect-oriented programming Pointcut Descriptors. , 2006, , .		31
7	An aspect-oriented reference architecture for Software Engineering Environments. Journal of Systems and Software, 2011, 84, 1670-1684.	4.5	29
8	Characterisation of Challenges for Testing of Adaptive Systems. , 2016, , .		18
9	Avoiding useless mutants. , 2017, , .		18
10	Externalising tacit knowledge of the systematic review process. IET Software, 2013, 7, 298-307.	2.1	14
11	Proteum/AJ. , 2011, , .		11
12	Towards the practical mutation testing of AspectJ programs. Science of Computer Programming, 2013, 78, 1639-1662.	1.9	11
13	Avoiding code pitfalls in Aspect-Oriented Programming. Science of Computer Programming, 2016, 119, 31-50.	1.9	11
14	Development of auxiliary functions: Should you be agile? An empirical assessment of pair programming and test-first programming. , 2012, , .		10
15	Gamification in Software Testing. , 2018, , .		10
16	Reasoning about Faults in Aspect-Oriented Programs: A Metrics-Based Evaluation. , 2011, , .		8
17	Towards the Characterization of Monitor Smells in Adaptive Systems. , 2016, , .		8
18	Mutating code annotations: An empirical evaluation on Java and C# programs. Science of Computer Programming, 2020, 191, 102418.	1.9	8

#	Article	IF	Citations
19	The crosscutting impact of the AOSD Brazilian research community. Journal of Systems and Software, 2013, 86, 905-933.	4.5	7
20	Experience report: Can software testing education lead to more reliable code?. , 2015, , .		6
21	Testing of adaptive and contextâ€aware systems: approaches and challenges. Software Testing Verification and Reliability, 2021, 31, e1772.	2.0	6
22	A Systematic Mapping of Architectures for Embedded Software. , 2012, , .		5
23	Evaluation studies of software testing research in Brazil and in the world: A survey of two premier software engineering conferences. Journal of Systems and Software, 2013, 86, 951-969.	4.5	5
24	An Approach for Creating KDM2PSM Transformation Engines in ADM Context. , 2018, , .		5
25	Experimenting with a Multi-Approach Testing Strategy for Adaptive Systems. , 2018, , .		5
26	Characterising the state of the practice in software testing through a TMMi-based process. Journal of Software Engineering Research and Development, 2015, 3, .	1.0	4
27	SiMut: Exploring Program Similarity to Support the Cost Reduction of Mutation Testing. , 2020, , .		4
28	Testing of aspect-oriented programs: difficulties and lessons learned based on theoretical and practical experience. Journal of the Brazilian Computer Society, 2015, 21, .	1.3	3
29	Fault sTypes of Adaptive and Context-Aware Systems and Their Relationship with Fault-based Testing Approaches. , 2020, , .		3
30	Identifying a Subset of TMMi Practices to Establish a Streamlined Software Testing Process. , 2013, , .		2
31	Avoiding Code Pitfalls in Aspect-Oriented Programming. Lecture Notes in Computer Science, 2014, , 31-46.	1.3	1
32	Definition of a Knowledge Base Towards a Benchmark for Experiments with Mutation Testing. , 2021, , .		1
33	An Automated Framework for Cost Reduction of Mutation Testing Based on Program Similarity. , 2022, , .		1
34	Visualization, Analysis, and Testing of Java and AspectJ Programs with Multi-level System Graphs. , 2013, , .		0