

Silvia Regina Vergilio

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

292
citations

1163117

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1281871

11
g-index

24
all docs

24
docs citations

24
times ranked

237
citing authors

#	ARTICLE	IF	CITATIONS
1	Sentinel: A Hyper-Heuristic for the Generation of Mutant Reduction Strategies. IEEE Transactions on Software Engineering, 2022, 48, 803-818.	5.6	9
2	Generation of refactoring algorithms by grammatical evolution. Empirical Software Engineering, 2022, 27, .	3.9	0
3	Unsupervised Learning For Refactoring Pattern Detection. , 2021, , .		0
4	Nautilus: An Interactive Plug-and-Play Search-Based Software Engineering Framework. IEEE Software, 2021, 38, 73-82.	1.8	0
5	Applying design patterns in the search-based optimization of software product line architectures. Software and Systems Modeling, 2019, 18, 1487-1512.	2.7	5
6	Search-Based Higher Order Mutation Testing. , 2018, , .		3
7	Meta-learning based selection of software reliability models. Automated Software Engineering, 2017, 24, 575-602.	2.9	2
8	A systematic review on search-based refactoring. Information and Software Technology, 2017, 83, 14-34.	4.4	71
9	A Comparative Analysis of Two Multi-objective Evolutionary Algorithms in Product Line Architecture Design Optimization. , 2014, , .		0
10	A Feature-Driven Crossover Operator for Product Line Architecture Design Optimization. , 2014, , .		5
11	Evaluating Different Strategies for Testing Software Product Lines. Journal of Electronic Testing: Theory and Applications (JETTA), 2013, 29, 9-24.	1.2	3
12	Search Based Software Engineering: Review and analysis of the field in Brazil. Journal of Systems and Software, 2013, 86, 970-984.	4.5	22
13	Representation of Software Product Line Architectures for search-based design. , 2013, , .		8
14	Multi-objective optimization algorithms applied to the class integration and test order problem. International Journal on Software Tools for Technology Transfer, 2012, 14, 461-475.	1.9	18
15	An approach for clustering test data. , 2011, , .		1
16	Evaluating test reuse of a software product line oriented strategy. , 2011, , .		2
17	A Genetic Programming Approach for Software Reliability Modeling. IEEE Transactions on Reliability, 2010, 59, 222-230.	4.6	35
18	Mutation based testing of Web Services. , 2009, , .		4

#	ARTICLE	IF	CITATIONS
19	Selecting software reliability models with a neural network meta classifier. , 2008, , .		8
20	Exploring Genetic Programming and Boosting Techniques to Model Software Reliability. IEEE Transactions on Reliability, 2007, 56, 422-434.	4.6	27
21	Software Effort Estimation Based on Use Cases. , 2006, , .		37
22	A GRAMMAR-GUIDED GENETIC PROGRAMMING FRAMEWORK CONFIGURED FOR DATA MINING AND SOFTWARE TESTING. International Journal of Software Engineering and Knowledge Engineering, 2006, 16, 245-267.	0.8	10
23	Selection and Evaluation of Test Data Based on Genetic Programming. Software Quality Journal, 2003, 11, 167-186.	2.2	20
24	A mapping study on mutation testing for mobile applications. Software Testing Verification and Reliability, 0, , .	2.0	2