Wilkerson L Andrade

List of Publications by Year
in descending order

34 papers	291 citations	1478505 6 h-index	1474206 9 g-index
35 all docs	35 docs citations	35 times ranked	161 citing authors

#	Article	IF	Citations
1	A Systematic Review on the use of LEGO^{Â®} Robotics in Education. , 2018, , .		33
2	A systematic mapping study on assessing computational thinking abilities. , 2016, , .		31
3	LTS-BT. , 2008, , .		21
4	How Many Abilities Can We Measure in Computational Thinking?. , 2019, , .		19
5	Exploring computational thinking assessment in introductory programming courses. , 2017, , .		18
6	Generating interaction test cases for mobile phone systems from use case specifications. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2006, 31, 1-10.	0.7	17
7	Generating Test Cases for Real-Time Systems Based on Symbolic Models. IEEE Transactions on Software Engineering, 2013, 39, 1216-1229.	5.6	15
8	Testing tools for Android context-aware applications: a systematic mapping. Journal of the Brazilian Computer Society, 2019, 25, .	1.3	15
9	Comparing Model-Based Testing with Traditional Testing Strategies: An Empirical Study. , 2014, , .		12
10	AUTOMATING FUNCTIONAL TESTING OF COMPONENTS FROM UML SPECIFICATIONS. International Journal of Software Engineering and Knowledge Engineering, 2007, 17, 339-358.	0.8	10
11	Abstracting Time and Data for Conformance Testing of Real-Time Systems. , 2011, , .		10
12	Can Computational Thinking help me? A quantitative study of its effects on education. , 2016, , .		10
13	Requirements Engineering and Software Testing in Agile Methodologies. , 2019, , .		8
14	Testing interruptions in reactive systems. Formal Aspects of Computing, 2012, 24, 331-353.	1.8	7
15	Evaluating Feedback Tools in Introductory Programming Classes. , 2019, , .		7
16	A family of test selection criteria for Timed Input-Output Symbolic Transition System models. Science of Computer Programming, 2016, 126, 52-72.	1.9	6
17	Analyzing Automatic Test Generation Tools for Refactoring Validation. , 2017, , .		6
18	Test Case Generation of Embedded Real-Time Systems with Interruptions for FreeRTOS. Lecture Notes in Computer Science, 2009, , 54-69.	1.3	6

#	Article	IF	Citations
19	The Oracle Problem for Testing against Quantified Properties. , 2007, , .		5
20	Towards a requirements traceability process centered on the traceability model. , 2015, , .		4
21	Integrating Requirements Specification and Model-Based Testing in Agile Development. , 2018, , .		4
22	Analyzing the Effect of Computational Thinking on Mathematics through Educational Robotics. , 2019, , .		4
23	TRL. , 2015, , .		3
24	A Study on the Impact of Model Evolution in MBT Suites. , 2018, , .		3
25	Reducing the Discard of MBT Test Cases using Distance Functions. , 2019, , .		3
26	An exploratory study on extract method floss-refactoring. , 2020, , .		3
27	Interruption Testing of Reactive Systems. Lecture Notes in Computer Science, 2009, , 37-53.	1.3	2
28	Context-Aware Android Applications Testing. , 2020, , .		2
29	A Systematic Literature Review of Methodology of Learning Evaluation Based on Item Response Theory in the Context of Programming Teaching. , 2020, , .		2
30	Educational Robotics Applied to Computational Thinking Development: A Systematic Mapping Study. , 2021, , .		2
31	Um Mapeamento Sistemático sobre o Ensino de Programação para Pessoas com Deficiência. , 0, , .		1
32	Testing real-time systems from compositional symbolic specifications. International Journal on Software Tools for Technology Transfer, 2017, 19, 53-71.	1.9	0
33	Aplicações da Robótica Educacional para o Desenvolvimento do Pensamento Computacional no Contexto do Ensino Médio Integral. , 0, , .		0
34	Applying Item Response Theory to Evaluate Instruments of Introductory Programming Skills Measurement. , 2020, , .		0