

Leandro Dias da Silva

List of Publications by Year in descending order

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24
papers

181
citations

1307594

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1281871

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26
all docs

26
docs citations

26
times ranked

212
citing authors

#	ARTICLE	IF	CITATIONS
1	Coloured Petri Nets-Based Modeling and Validation of Insulin Infusion Pump Systems. Applied Sciences (Switzerland), 2022, 12, 1475.	2.5	3
2	Exploring Early Prediction of Chronic Kidney Disease Using Machine Learning Algorithms for Small and Imbalanced Datasets. Applied Sciences (Switzerland), 2022, 12, 3673.	2.5	15
3	Reliability analysis of multi-parameter monitoring systems for Intensive Care Units. Reliability Engineering and System Safety, 2022, 226, 108638.	8.9	1
4	A stochastic modeling approach for traffic analysis of a tramway system with virtual tags and local positioning. Journal of the Brazilian Computer Society, 2021, 27, .	1.3	1
5	Classification Models for COVID-19 Test Prioritization in Brazil: Machine Learning Approach. Journal of Medical Internet Research, 2021, 23, e27293.	4.3	24
6	A model to discipline autonomy in cyber-physical systems and its application. Journal of Software: Evolution and Process, 2020, 33, e2328.	1.6	4
7	Computer-Aided Diagnosis of Chronic Kidney Disease in Developing Countries: A Comparative Analysis of Machine Learning Techniques. IEEE Access, 2020, 8, 25407-25419.	4.2	35
8	Model-based testing of software for automation systems using heuristics and coverage criterion. Software and Systems Modeling, 2019, 18, 797-823.	2.7	0
9	Performability Analysis of a Tramway System with Virtual Tags and Local Positioning. , 2019, , .		2
10	Formal modeling of biomedical signal acquisition systems: source of evidence for certification. Software and Systems Modeling, 2019, 18, 1467-1485.	2.7	9
11	Design and evaluation of a mobile application to assist the self-monitoring of the chronic kidney disease in developing countries. BMC Medical Informatics and Decision Making, 2018, 18, 7.	3.0	45
12	Arguing effectiveness of biomedical signal acquisition devices using colored Petri Nets models and assurance cases in GSN: An ECG case study. , 2016, 2016, 2488-2491.		0
13	Towards Medical Systems to Aid the Detection and Treatment of Chronic Diseases. Advances in Medical Diagnosis, Treatment, and Care, 2016, , 50-69.	0.1	0
14	Design of a Simulation Device to Test Electrogastrography (EGG) Systems. , 2016, , 142-156.		0
15	Functional Software Prototypes for Defining and Monitoring Individual Exercise Program. , 2016, , 193-201.		0
16	A Colored Petri Nets model of the risk management process based on the ISO 14971 standard. , 2015, , .		0
17	Formal specification of a tool to aid the early diagnosis of the Chronic Kidney Disease. , 2015, , .		2
18	Using Colored Petri Nets for the requirements engineering of a surface electrogastrography system. , 2014, , .		8

#	ARTICLE	IF	CITATIONS
19	Using equivalence classes for testing programs for safety instrumented systems. , 2013, , .		0
20	Pervasive Multiplatform Health Care Support. , 2013, , 416-430.		0
21	Automatic Verification of Embedded Software of Automotive Electronic Modules based on Program Traces Executions. , 2011, , .		0
22	Automatic Timed Automata Extraction from Ladder Programs for Model-Based Analysis of Control Systems. , 2011, , 305-328.		2
23	Ticc: A Tool for Interface Compatibility and Composition. Lecture Notes in Computer Science, 2006, , 59-62.	1.3	19
24	Composition of software artifacts modelled using Colored Petri nets. Science of Computer Programming, 2005, 56, 171-189.	1.9	9