

# Leandro Dias da Silva

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9265313/publications.pdf>

Version: 2024-02-01

24  
papers

181  
citations

1307594

7  
h-index

1281871

11  
g-index

26  
all docs

26  
docs citations

26  
times ranked

212  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Classification Models for COVID-19 Test Prioritization in Brazil: Machine Learning Approach. Journal of Medical Internet Research, 2021, 23, e27293.	4.3	24
4	Ticc: A Tool for Interface Compatibility and Composition. Lecture Notes in Computer Science, 2006, , 59-62.	1.3	19
5	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
6	Composition of software artifacts modelled using Colored Petri nets. Science of Computer Programming, 2005, 56, 171-189.	1.9	9
7	Formal modeling of biomedical signal acquisition systems: source of evidence for certification. Software and Systems Modeling, 2019, 18, 1467-1485.	2.7	9
8	Using Colored Petri Nets for the requirements engineering of a surface electrogastrography system. , 2014, , .		8
9	A model to discipline autonomy in cyber-physical systems and its application. Journal of Software: Evolution and Process, 2020, 33, e2328.	1.6	4
10	Coloured Petri Nets-Based Modeling and Validation of Insulin Infusion Pump Systems. Applied Sciences (Switzerland), 2022, 12, 1475.	2.5	3
11	Formal specification of a tool to aid the early dignosis of the Chronic Kidney Disease. , 2015, , .		2
12	Performability Analysis of a Tramway System with Virtual Tags and Local Positioning. , 2019, , .		2
13	Automatic Timed Automata Extraction from Ladder Programs for Model-Based Analysis of Control Systems. , 2011, , 305-328.		2
14	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
15	Reliability analysis of multi-parameter monitoring systems for Intensive Care Units. Reliability Engineering and System Safety, 2022, 226, 108638.	8.9	1
16	Automatic Verification of Embedded Software of Automotive Electronic Modules based on Program Traces Executions. , 2011, , .		0
17	Using equivalence classes for testing programs for safety instrumented systems. , 2013, , .		0
18	A Colored Petri Nets model of the risk management process based on the ISO 14971 standard. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	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
20	Model-based testing of software for automation systems using heuristics and coverage criterion. Software and Systems Modeling, 2019, 18, 797-823.	2.7	0
21	Pervasive Multiplatform Health Care Support. , 2013, , 416-430.		0
22	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
23	Design of a Simulation Device to Test Electrogastrography (EGG) Systems. , 2016, , 142-156.		0
24	Functional Software Prototypes for Defining and Monitoring Individual Exercise Program. , 2016, , 193-201.		0