

Andrei Karatkevich

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4794936/andrei-karatkevich-publications-by-citations.pdf>

Version: 2024-04-17

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

82
citations

6
h-index

8
g-index

22
ext. papers

135
ext. citations

3.8
avg, IF

2.9
L-index

#	Paper	IF	Citations
15	Prototyping of Concurrent Control Systems With Application of Petri Nets and Comparability Graphs. <i>IEEE Transactions on Control Systems Technology</i> , 2018 , 26, 575-586	4.8	22
14	Application of comparability graphs in decomposition of Petri nets 2014 ,		11
13	Deadlock detection in Petri nets: One trace for one deadlock? 2014 ,		9
12	Determinism in Cyber-Physical Systems Specified by Interpreted Petri Nets. <i>Sensors</i> , 2020 , 20,	3.8	8
11	Decomposition of distributed edge systems based on the Petri nets and linear algebra technique. <i>Journal of Systems Architecture</i> , 2019 , 96, 20-31	5.5	6
10	On macroplaces in Petri nets 2008 ,		6
9	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3592-3597	7.3	6
8	FPGA-based embedded Logic Controllers 2014 ,		4
7	Relation between SM-covers and SM-decompositions of Petri nets 2015 ,		2
6	Hierarchical Decomposition of Petri Nets for Digital Microsystems Design 2006 ,		2
5	Challenges in Application of Petri Nets in Manufacturing Systems. <i>Electronics (Switzerland)</i> , 2021 , 10, 2305	2.6	2
4	A Method of Analysis of Operational Petri Nets 2002 , 449-460		1
3	Petri Nets in Design of Control Algorithms. <i>Studies in Systems, Decision and Control</i> , 2016 , 1-14	0.8	0
2	Detection of Possible Frozen States in Communicating UML State Machines. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013 , 46, 198-203		
1	Memory-Saving Analysis of Petri Nets 2005 , 63-72		