Andrei Karatkevich

List of Publications by Citations

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. *IEEE Transactions on Control Systems Technology*, **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. *Sensors*, **2020**, 20,	3.8	8
11	Decomposition of distributed edge systems based on the Petri nets and linear algebra technique. *Journal of Systems Architecture*, **2019**, 96, 20-31	5.5	6
10	On macroplaces in Petri nets **2008**,		6
9	. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **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. *Electronics (Switzerland)*, **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. *Studies in Systems, Decision and Control*, **2016**, 1-14	0.8	0
2	Detection of Possible Frozen States in Communicating UML State Machines. *IFAC Postprint Volumes IPPV / International Federation of Automatic Control*, **2013**, 46, 198-203		
1	Memory-Saving Analysis of Petri Nets **2005**, 63-72		