Andrey Morozov

List of Publications by Year
in descending order

17 papers	119 citations	1684188 5 h-index	1474206 9 g-index
17 all docs	17 docs citations	17 times ranked	41 citing authors

#	Article	IF	Citations
1	Model-Based Dependability Assessment of Phased-Mission Unmanned Aerial Vehicles. IFAC-PapersOnLine, 2020, 53, 8915-8922.	0.9	2
2	OpenErrorPro: A New Tool for Stochastic Model-Based Reliability and Resilience Analysis. , 2019, , .		6
3	Model-based Dependability Analysis of Fault-tolerant Inertial Navigation System: A Practical Experience Report. IFAC-PapersOnLine, 2019, 52, 394-399.	0.9	4
4	Efficient Model-Level Reliability Analysis of Simulink Models. Lecture Notes in Computer Science, 2019, , 139-154.	1.3	1
5	Reliability Evaluation of Functionally Equivalent Simulink Implementations of a PID Controller under Silent Data Corruption. , 2018, , .		5
6	Stochastic Model-based Analysis of Timing Errors for Mechatronic Systems with User-defined General Discrete-time Distributions. IFAC-PapersOnLine, 2018, 51, 1417-1424.	0.9	0
7	SysML-based Profile for Dependable UAV Design. IFAC-PapersOnLine, 2018, 51, 1067-1074.	0.9	14
8	AADL-Based Stochastic Error Propagation Analysis for Reliable System Design of a Medical Patient Table. , 2018, , .		5
9	MORE: MOdel-based REdundancy for Simulink. Lecture Notes in Computer Science, 2018, , 250-264.	1.3	2
10	Test Suite Prioritization for Efficient Regression Testing of Model-Based Automotive Software. , 2017, , .		9
11	Automatic Transformation of UML System Models for Model-based Error Propagation Analysis of Mechatronic Systems. IFAC-PapersOnLine, 2016, 49, 439-446.	0.9	10
12	Model-based analysis of timing errors for reliable design of mechatronic medical devices. , 2016, , .		2
13	Flight Control Software Failure Mitigation: Design Optimization for Software-implemented Fault Detectors. IFAC-PapersOnLine, 2016, 49, 248-253.	0.9	7
14	Stochastic Error Propagation Analysis of Model-driven Space Robotic Software Implemented in Simulink. , 2016, , .		9
15	Dependability aspects of model-based systems design for mechatronic systems. , 2015, , .		3
16	Probabilistic error propagation model for mechatronic systems. Mechatronics, 2014, 24, 1189-1202.	3.3	30
17	Dual Graph Error Propagation Model for Mechatronic System Analysis. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 9893-9898.	0.4	10