

# Andrey Morozov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11543147/publications.pdf>

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17  
papers

119  
citations

1684188

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1474206

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g-index

17  
all docs

17  
docs citations

17  
times ranked

41  
citing authors

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