Nidhal Mahmud

List of Publications by Year
in descending order

16 papers	110 citations	1684188 5 h-index	1872680 6 g-index
18 all docs	18 docs citations	18 times ranked	48 citing authors

#	ARTICLE	IF	CITATIONS
1	Systems Modeling with EAST-ADL for Fault Tree Analysis through HiP-HOPS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 91-96.	0.4	22
2	A translation of State Machines to temporal fault trees. , 2010, , .		17
3	Model Transformation for Multi-objective Architecture Optimisation of Dependable Systems. Advances in Intelligent Systems and Computing, 2015, , 91-110.	0.6	17
4	Compositional synthesis of temporal fault trees from state machines. Performance Evaluation Review, 2012, 39, 79-88.	0.6	13
5	Model-Based Analysis and Engineering of Automotive Architectures with EAST-ADL. International Journal of Conceptual Structures and Smart Applications, 2015, 3, 25-70.	0.1	10
6	Model transformation for analyzing dependability of AADL model by using HiP-HOPS. Journal of Systems and Software, 2019, 151, 258-282.	4.5	10
7	Compositional Synthesis of Temporal Fault Trees from State Machines. , 2011, , .		4
8	Model-Based Analysis and Engineering of Automotive Architectures with EAST-ADL. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2014, , 242-282.	0.5	4
9	Advanced fault tree synthesis for systems with dynamic aspects. , 2015, , 1635-1643.		3
10	A compositional symbolic calculus approach to producing reduced Markov chains. , 2017, , .		2
11	Improving Dependability of Robotics Systems, Experience from Application of Fault Tree Synthesis to Analysis of Transport Systems. International Journal of Robotics Applications and Technologies, 2015, 3, 38-62.	0.4	1
12	A minimization algorithm for automata generated fault trees with priority gates. Software Quality Journal, 2019, 27, 1015-1043.	2.2	1
13	Improving Dependability of Robotics Systems. , 2018, , 6847-6858.		0
14	Improving Dependability of Robotics Systems. Advances in Computer and Electrical Engineering Book Series, 2019, , 1071-1084.	0.3	0
15	Improving Dependability of Robotics Systems, Experience From Application of Fault Tree Synthesis to Analysis of Transport Systems. , 2019, , 1109-1133.		0
16	Improving Dependability of Robotics Systems. Advances in Computational Intelligence and Robotics Book Series, 0, , 134-157.	0.4	0