

Lucio Compagno

List of Publications by Year in descending order

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17
papers

347
citations

840776

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839539

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all docs

18
docs citations

18
times ranked

266
citing authors

#	ARTICLE	IF	CITATIONS
1	MatCarloRe: An integrated FT and Monte Carlo Simulink tool for the reliability assessment of dynamic fault tree. Expert Systems With Applications, 2012, 39, 10334-10342.	7.6	62
2	SHyFTA, a Stochastic Hybrid Fault Tree Automaton for the modelling and simulation of dynamic reliability problems. Expert Systems With Applications, 2016, 47, 42-57.	7.6	44
3	A Weibull-based compositional approach for hierarchical dynamic fault trees. Reliability Engineering and System Safety, 2013, 109, 45-52.	8.9	39
4	Conception of Repairable Dynamic Fault Trees and resolution by the use of RAATSS, a Matlab® toolbox based on the ATS formalism. Reliability Engineering and System Safety, 2014, 121, 250-262.	8.9	38
5	Stochastic hybrid automaton model of a multi-state system with aging: Reliability assessment and design consequences. Reliability Engineering and System Safety, 2016, 149, 1-13.	8.9	28
6	SHyFTOO, an object-oriented Monte Carlo simulation library for the modeling of Stochastic Hybrid Fault Tree Automaton. Expert Systems With Applications, 2020, 146, 113139.	7.6	20
7	A general framework for dependability modelling coupling discrete-event and time-driven simulation. Reliability Engineering and System Safety, 2020, 199, 106904.	8.9	20
8	A behavioural analysis of the newsvendor game: Anchoring and adjustment with and without demand information. Computers and Industrial Engineering, 2017, 111, 552-562.	6.3	16
9	Modelling and Resolution of Dynamic Reliability Problems by the Coupling of Simulink and the Stochastic Hybrid Fault Tree Object Oriented (SHyFTOO) Library. Information (Switzerland), 2019, 10, 283.	2.9	15
10	Life cycle assessment of CRT lead recovery process. International Journal of Product Lifecycle Management, 2014, 7, 201.	0.3	14
11	A decentralized application for the traceability process in the pharma industry. Procedia Manufacturing, 2020, 42, 362-369.	1.9	14
12	Coherence region of the Priority&AND gate: Analytical and numerical examples. Quality and Reliability Engineering International, 2018, 34, 107-115.	2.3	11
13	An RFID application for the process mapping automation. Procedia Manufacturing, 2020, 42, 8-15.	1.9	10
14	Dynamic failure rate model of an electric motor comparing the Military Standard and Svenska Kullagerfabriken (SKF) methods. Procedia Computer Science, 2021, 180, 456-465.	2.0	5
15	Failure Prevention Through Performance Evaluation of Reliability Components in Working Condition. Journal of Failure Analysis and Prevention, 2016, 16, 1092-1100.	0.9	4
16	Performance assessment of domestic photovoltaic power plant with a storage system. IFAC-PapersOnLine, 2018, 51, 746-751.	0.9	4
17	Reliability Driven Standardization of Mechanical Seals for Petrochemical Applications. Lecture Notes in Computer Science, 2014, , 455-462.	1.3	2