

Jan Magott

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

300
citations

1163117

8
h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

166
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Performance evaluation of concurrent systems using Petri nets. Information Processing Letters, 1984, 18, 7-13. | 0.6 | 93 |
| 2 | A System-Theoretic Accident Model and Process with Human Factors Analysis and Classification System taxonomy. Safety Science, 2018, 110, 393-410. | 4.9 | 41 |
| 3 | Timing analysis of safety properties using fault trees with time dependencies and timed state-charts. Reliability Engineering and System Safety, 2012, 97, 14-26. | 8.9 | 28 |
| 4 | Estimating the mean completion time of PERT networks with exponentially distributed durations of activities. European Journal of Operational Research, 1993, 71, 70-79. | 5.7 | 25 |
| 5 | Analysis of Air Traffic Incidents using event trees with fuzzy probabilities. Fuzzy Sets and Systems, 2016, 293, 50-79. | 2.7 | 22 |
| 6 | Time Coordination of Distance Protections Using Probabilistic Fault Trees With Time Dependencies. IEEE Transactions on Power Delivery, 2010, 25, 1402-1409. | 4.3 | 14 |
| 7 | Modeling Fault Trees Using Petri Nets. , 1995, , 90-100. | | 12 |
| 8 | Exact and approximation methods for dependability assessment of tram systems with time window. European Journal of Operational Research, 2014, 235, 671-686. | 5.7 | 10 |
| 9 | Performance evaluation of systems of cyclic sequential processes with mutual exclusion using Petri nets. Information Processing Letters, 1985, 21, 229-232. | 0.6 | 9 |
| 10 | Dependability and Safety Analysis of ETCS Communication for ERTMS Level 3 Using Performance Statecharts and Analytic Estimation. Advances in Intelligent Systems and Computing, 2014, , 37-46. | 0.6 | 7 |
| 11 | Air Traffic Incidents Analysis with the Use of Fuzzy Sets. Lecture Notes in Computer Science, 2013, , 306-317. | 1.3 | 6 |
| 12 | Performance evaluation of concurrent systems using conflict-free and persistent Petri nets. Information Processing Letters, 1987, 26, 77-80. | 0.6 | 5 |
| 13 | Partially automatic generation of fault-trees with time dependencies. , 2006, , . | | 5 |
| 14 | Analysis of Timing Requirements for Intrusion Detection System. , 2007, , . | | 4 |
| 15 | Selection of minimal tripping times for distance protection using fault trees with time dependencies. Electric Power Systems Research, 2011, 81, 1556-1571. | 3.6 | 4 |
| 16 | Conjoining Fault Trees with Petri Nets to Model Repair Policies. Advances in Intelligent and Soft Computing, 2011, , 131-143. | 0.2 | 0 |
| 17 | Towards a UML Profile for Maintenance Process and Reliability Analysis. Advances in Intelligent and Soft Computing, 2011, , 117-129. | 0.2 | 0 |
| 18 | The FTTD Method Application to the Safety Analysis of Changeable Block Distance System. Communications in Computer and Information Science, 2012, , 267-275. | 0.5 | 0 |