

Ahmad BahooToroody

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

457
citations

623734

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713466

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docs citations

24
times ranked

247
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | A probabilistic model to evaluate the resilience of unattended machinery plants in autonomous ships. Reliability Engineering and System Safety, 2022, 219, 108176. | 8.9 | 19 |
| 2 | A decision-making framework for selecting an MBSE language—A case study to ship pilotage. Expert Systems With Applications, 2022, 193, 116451. | 7.6 | 13 |
| 3 | Prognostic health management of repairable ship systems through different autonomy degree; From current condition to fully autonomous ship. Reliability Engineering and System Safety, 2022, 221, 108355. | 8.9 | 19 |
| 4 | A hierarchical Bayesian regression framework for enabling online reliability estimation and condition-based maintenance through accelerated testing. Computers in Industry, 2022, 139, 103645. | 9.9 | 3 |
| 5 | On reliability assessment of ship machinery system in different autonomy degree; A Bayesian-based approach. Ocean Engineering, 2022, 254, 111252. | 4.3 | 8 |
| 6 | Towards system-theoretic risk assessment for future ships: A framework for selecting Risk Control Options. Ocean Engineering, 2022, 259, 111797. | 4.3 | 28 |
| 7 | On hierarchical bayesian based predictive maintenance of autonomous natural gas regulating operations. Chemical Engineering Research and Design, 2021, 147, 115-124. | 5.6 | 19 |
| 8 | Bayesian Estimation for Reliability Engineering: Addressing the Influence of Prior Choice. International Journal of Environmental Research and Public Health, 2021, 18, 3349. | 2.6 | 6 |
| 9 | Reliability Estimation under Scarcity of Data: A Comparison of Three Approaches. Mathematical Problems in Engineering, 2021, 2021, 1-15. | 1.1 | 3 |
| 10 | A multinomial process tree for reliability assessment of machinery in autonomous ships. Reliability Engineering and System Safety, 2021, 210, 107484. | 8.9 | 38 |
| 11 | A Bayesian-based framework for advanced nature-based tourism model. Journal of Asian Business and Economic Studies, 2021, ahead-of-print, . | 2.5 | 1 |
| 12 | A systematic approach for predicting loyalty behavior of tourist destinations. Journal of Tourism Futures, 2021, , . | 3.9 | 2 |
| 13 | On risk-based maintenance: A comprehensive review of three approaches to track the impact of consequence modelling for predicting maintenance actions. Journal of Loss Prevention in the Process Industries, 2021, 72, 104555. | 3.3 | 15 |
| 14 | A methodology for uncertainty analysis of landslides triggered by an earthquake. Computers and Geotechnics, 2020, 117, 103262. | 4.7 | 28 |
| 15 | On reliability challenges of repairable systems using hierarchical bayesian inference and maximum likelihood estimation. Chemical Engineering Research and Design, 2020, 135, 157-165. | 5.6 | 26 |
| 16 | Model-based information fusion investigation on fault isolation of subsea systems considering the interaction among subsystems and sensors. Journal of Loss Prevention in the Process Industries, 2020, 67, 104267. | 3.3 | 6 |
| 17 | Bayesian regression based condition monitoring approach for effective reliability prediction of random processes in autonomous energy supply operation. Reliability Engineering and System Safety, 2020, 201, 106966. | 8.9 | 18 |
| 18 | A condition monitoring based signal filtering approach for dynamic time dependent safety assessment of natural gas distribution process. Chemical Engineering Research and Design, 2019, 123, 335-343. | 5.6 | 29 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Multi-level optimization of maintenance plan for natural gas system exposed to deterioration process. <i>Journal of Hazardous Materials</i> , 2019, 362, 412-423. | 12.4 | 45 |
| 20 | A dynamic human reliability model for marine and offshore operations in harsh environments. <i>Ocean Engineering</i> , 2019, 173, 90-97. | 4.3 | 36 |
| 21 | Developing a risk-based maintenance model for a Natural Gas Regulating and Metering Station using Bayesian Network. <i>Journal of Loss Prevention in the Process Industries</i> , 2019, 57, 17-24. | 3.3 | 54 |
| 22 | Epistemic-based investigation of the probability of hazard scenarios using Bayesian network for the lifting operation of floating objects. <i>Journal of Marine Science and Application</i> , 2016, 15, 250-259. | 1.7 | 14 |
| 23 | Conceptual compression discussion on a multi-linear (FTA) and systematic (FRAM) method in an offshore operation's accident modeling. <i>International Journal of Occupational Safety and Ergonomics</i> , 2016, 22, 532-540. | 1.9 | 13 |
| 24 | Developing a Risk-Based Approach for Optimizing Human Reliability Assessment in an Offshore Operation. <i>Open Journal of Safety Science and Technology</i> , 2016, 06, 25-34. | 0.3 | 14 |