

Enrique Lopez-Droguett

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

299
citations

1478505

6
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

302
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning health state prognostics of physical assets in the Oil and Gas industry. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2022, 236, 598-616.	0.7	5
2	Exploiting the Capabilities of Bayesian Networks for Engineering Risk Assessment: Causal Reasoning through Interventions. Risk Analysis, 2022, 42, 1306-1324.	2.7	10
3	System-level prognostics and health management: A graph convolutional network-based framework. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2021, 235, 120-135.	0.7	6
4	Modeling dependent series systems with q-Weibull distribution and Clayton copula. Applied Mathematical Modelling, 2021, 94, 117-138.	4.2	3
5	Towards Interpretable Deep Learning: A Feature Selection Framework for Prognostics and Health Management Using Deep Neural Networks. Sensors, 2021, 21, 5888.	3.8	21
6	Asset management strategies using reliability, availability, and maintainability (RAM) analysis. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	1.6	3
7	Deep semi-supervised generative adversarial fault diagnostics of rolling element bearings. Structural Health Monitoring, 2020, 19, 390-411.	7.5	32
8	Deep variational auto-encoders: A promising tool for dimensionality reduction and ball bearing elements fault diagnosis. Structural Health Monitoring, 2019, 18, 1092-1128.	7.5	94
9	Gapped Gaussian smoothing technique for debonding assessment with automatic thresholding. Structural Control and Health Monitoring, 2019, 26, e2371.	4.0	6
10	Convolutional neural networks for automated damage recognition and damage type identification. Structural Control and Health Monitoring, 2018, 25, e2230.	4.0	119