Enrique Lopez-Droguett

List of Publications by Year
in descending order

10 papers	**299** citations	1651377 **6** h-index	1526636 **10** g-index
10 all docs	**10** docs citations	**10** times ranked	**334** 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.	0.6	5
2	Exploiting the Capabilities of Bayesian Networks for Engineering Risk Assessment: Causal Reasoning through Interventions. Risk Analysis, 2022, 42, 1306-1324.	1.5	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.	0.6	6
4	Modeling dependent series systems with q-Weibull distribution and Clayton copula. Applied Mathematical Modelling, 2021, 94, 117-138.	2.2	3
5	Towards Interpretable Deep Learning: A Feature Selection Framework for Prognostics and Health Management Using Deep Neural Networks. Sensors, 2021, 21, 5888.	2.1	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.	0.8	3
7	Deep semi-supervised generative adversarial fault diagnostics of rolling element bearings. Structural Health Monitoring, 2020, 19, 390-411.	4.3	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.	4.3	94
9	Gapped Gaussian smoothing technique for debonding assessment with automatic thresholding. Structural Control and Health Monitoring, 2019, 26, e2371.	1.9	6
10	Convolutional neural networks for automated damage recognition and damage type identification. Structural Control and Health Monitoring, 2018, 25, e2230.	1.9	119