

John Durodola

List of Publications by Year in descending order

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papers

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docs citations

9
times ranked

160
citing authors

#	ARTICLE	IF	CITATIONS
1	A pattern recognition artificial neural network method for random fatigue loading life prediction. International Journal of Fatigue, 2017, 99, 55-67.	5.7	63
2	Artificial neural network for random fatigue loading analysis including the effect of mean stress. International Journal of Fatigue, 2018, 111, 321-332.	5.7	53
3	Machine learning for design, phase transformation and mechanical properties of alloys. Progress in Materials Science, 2022, 123, 100797.	32.8	36
4	Experimental validation of an ANN model for random loading fatigue analysis. International Journal of Fatigue, 2019, 126, 112-121.	5.7	27
5	High resolution non-destructive evaluation of defects using artificial neural networks and wavelets. NDT and E International, 2012, 52, 69-75.	3.7	22
6	Locating Defects Using Dynamic Strain Analysis and Artificial Neural Networks. Applied Mechanics and Materials, 2006, 3-4, 325-330.	0.2	8
7	A Neural Network Approach for Locating Multiple Defects. Applied Mechanics and Materials, 2008, 13-14, 125-131.	0.2	6
8	Artificial neural network for Gaussian and non-Gaussian random fatigue loading analysis. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2019, 233, 7525-7544.	2.1	4
9	Locating and Classifying Defects with Artificial Neural Networks. Applied Mechanics and Materials, 2008, 13-14, 117-123.	0.2	3