Liam Comerford

List of Publications by Year
in descending order

11 papers	169 citations	1478505 6 h-index	1720034 7 g-index
11 all docs	11 docs citations	11 times ranked	104 citing authors

#	Article	IF	Citations
1	Relaxed power spectrum estimation from multiple data records utilising subjective probabilities. Mechanical Systems and Signal Processing, 2022, 165, 108346.	8.0	6
2	Reduction of random variables in the Stochastic Harmonic Function representation via spectrum-relative dependent random frequencies. Mechanical Systems and Signal Processing, 2020, 141, 106718.	8.0	7
3	Development of a Relaxed Stationary Power Spectrum using Imprecise Probabilities with Application to High-rise Buildings. , 2019, , .		0
4	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si6.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mi>L</mml:mi></mml:mrow><mml:mrow><mml:mi>p</mml:mi></mml minimization for stochastic process power spectrum estimation subject to incomplete data. Mechanical Systems and Signal Processing, 2018, 101, 361-376.	8.0	28
5	Incomplete data based parameter identification of nonlinear and time-variant oscillators with fractional derivative elements. Mechanical Systems and Signal Processing, 2017, 94, 279-296.	8.0	27
6	Uncertainty Quantification of Power Spectrum and Spectral Moments Estimates Subject to Missing Data. ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering, 2017, 3, .	1.7	10
7	Revealing prediction uncertainty in artificial neural network based reconstruction of missing data in stochastic process records utilizing extreme learning machines. , 2017, , .		0
8	Compressive sensing based stochastic process power spectrum estimation subject to missing data. Probabilistic Engineering Mechanics, 2016, 44, 66-76.	2.7	51
9	On quantifying the uncertainty of stochastic process power spectrum estimates subject to missing data. International Journal of Sustainable Materials and Structural Systems, 2015, 2, 185.	0.1	0
10	Compressive sensing for power spectrum estimation of multi-dimensional processes under missing data. , 2015, , .		2
11	An artificial neural network approach for stochastic process power spectrum estimation subject to missing data. Structural Safety, 2015, 52, 150-160.	5.3	38