

Liam Comerford

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10662762/publications.pdf>

Version: 2024-02-01

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	Compressive sensing based stochastic process power spectrum estimation subject to missing data. Probabilistic Engineering Mechanics, 2016, 44, 66-76.	2.7	51
2	An artificial neural network approach for stochastic process power spectrum estimation subject to missing data. Structural Safety, 2015, 52, 150-160.	5.3	38
3	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si6.gif" overflow="scroll">\rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle L \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle p \langle / \text{mml:mi} \rangle \langle / \text{mml:math} \rangle$ minimization for stochastic process power spectrum estimation subject to incomplete data. Mechanical Systems and Signal Processing, 2018, 101, 361-376.	8.0	28
4	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
5	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
6	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
7	Relaxed power spectrum estimation from multiple data records utilising subjective probabilities. Mechanical Systems and Signal Processing, 2022, 165, 108346.	8.0	6
8	Compressive sensing for power spectrum estimation of multi-dimensional processes under missing data. , 2015, , .		2
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	Revealing prediction uncertainty in artificial neural network based reconstruction of missing data in stochastic process records utilizing extreme learning machines. , 2017, , .		0
11	Development of a Relaxed Stationary Power Spectrum using Imprecise Probabilities with Application to High-rise Buildings. , 2019, , .		0