

Marques, J M E

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

65
citations

1684188

5
h-index

1588992

8
g-index

12
all docs

12
docs citations

12
times ranked

37
citing authors

#	ARTICLE	IF	CITATIONS
1	An algorithm for fast critical plane search in computer-aided engineering durability analysis under multiaxial random loadings: Application to the Carpinteri-Spagnoli-Vantadori spectral method. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2020, 43, 1978-1993.	3.4	13
2	Variability of the fatigue damage due to the randomness of a stationary vibration load. <i>International Journal of Fatigue</i> , 2020, 141, 105891.	5.7	12
3	Variance of fatigue damage in stationary random loadings: comparison between time- and frequency-domain results. <i>Procedia Structural Integrity</i> , 2019, 24, 398-407.	0.8	7
4	More on variance of fatigue damage in non-Gaussian random loadings - effect of skewness and kurtosis. <i>Procedia Structural Integrity</i> , 2020, 25, 101-111.	0.8	6
5	Variance of the fatigue damage in non-Gaussian stochastic processes with narrow-band power spectrum. <i>Structural Safety</i> , 2021, 93, 102131.	5.3	6
6	Confidence intervals for the expected damage in random loadings: Application to measured time-history records from a Mountain-bike. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1038, 012025.	0.6	5
7	Fatigue Analysis of Nonstationary Random Loadings Measured in an Industrial Vehicle Wheel: Uncertainty of Fatigue Damage. <i>Metals</i> , 2022, 12, 616.	2.3	5
8	An Overview of Fatigue Testing Systems for Metals under Uniaxial and Multiaxial Random Loadings. <i>Metals</i> , 2021, 11, 447.	2.3	4
9	Variance of fatigue damage in narrowband Gaussian random loadings: Exact solution and approximations. <i>International Journal of Fatigue</i> , 2021, 151, 106366.	5.7	3
10	An efficient procedure to speed up critical plane search in multiaxial fatigue: Application to the Carpinteri-Spagnoli spectral criterion. <i>MATEC Web of Conferences</i> , 2019, 300, 16003.	0.2	1