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List of Publications by Year
in descending order

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23 papers	280 citations	1040056 9 h-index	888059 17 g-index
25 all docs	25 docs citations	25 times ranked	261 citing authors

#	Article	IF	Citations
1	Mean stress effect correction using constant stress ratio Sâ€“N curves. International Journal of Fatigue, 2013, 52, 49-56.	5.7	66
2	Fatigue life estimation of explosive cladded transition joints with the use of the spectral method for the case of a random sea state. Marine Structures, 2020, 71, 102739.	3.8	32
3	Frequency-domain fatigue life estimation with mean stress correction. International Journal of Fatigue, 2016, 91, 373-381.	5.7	31
4	The Heat Conductivity Properties of Hempâ€“Lime Composite Material Used in Single-Family Buildings. Materials, 2020, 13, 1011.	2.9	25
5	The Use of Spectral Method for Fatigue Life Assessment for Non-Gaussian Random Loads. Acta Mechanica Et Automatica, 2016, 10, 100-103.	0.6	22
6	Formulation of multiaxial fatigue failure criteria for spectral method. International Journal of Fatigue, 2020, 135, 105519.	5.7	18
7	Fatigue Life Estimation with Mean Stress Effect Compensation for Lightweight Structuresâ€”The Case of GLARE 2 Composite. Polymers, 2020, 12, 251.	4.5	13
8	Mean Stress Effect Correction in Frequency-domain Methods for Fatigue Life Assessment. Procedia Engineering, 2015, 101, 347-354.	1.2	12
9	Influence of the Elastoplastic Strain on Fatigue Durability Determined with the Use of the Spectral Method. Materials, 2020, 13, 423.	2.9	9
10	Crest factor and kurtosis parameter under vibrational random loading. International Journal of Fatigue, 2021, 147, 106179.	5.7	9
11	Strain-based Multiaxial Fatigue Life Evaluation Using Spectral Method. Procedia Engineering, 2015, 101, 52-60.	1.2	7
12	Application of the S-N Curve Mean Stress Correction Model in Terms of Fatigue Life Estimation for Random Torsional Loading for Selected Aluminum Alloys. Materials, 2020, 13, 2985.	2.9	7
13	Multiaxial Fatigue Test Stand Concept â€“ Stand and Control Design. Advances in Intelligent Systems and Computing, 2015, , 437-445.	0.6	5
14	Fatigue life assessment algorithm modification in terms of taking into account the effect of overloads in the frequency domain. AIP Conference Proceedings, 2018, , .	0.4	4
15	Universal Method for Applying the Mean-Stress Effect Correction in Stochastic Fatigue-Damage Accumulation. Materials Performance and Characterization, 2016, 5, 352-363.	0.3	4
16	Determination of Fatigue Life on the Basis of Experimental Fatigue Diagrams under Constant Amplitude Load with Mean Stress. Materials Science Forum, 2012, 726, 33-38.	0.3	3
17	Fatigue life assessment with the use of spectral method for materials subjected to standardized wind loading spectrums. AIP Conference Proceedings, 2018, , .	0.4	3
18	Fatigue Life Calculation with the Use of the Energy Parameter for the Elastic Material State in the Spectral Method. Lecture Notes in Mechanical Engineering, 2019, , 80-87.	0.4	3

#	Article	IF	Citations
19	Influence of Estimation Methods of Power Spectral Density Function on the Calculated Fatigue Life with Spectral Method. Solid State Phenomena, 2014, 224, 118-123.	0.3	2
20	A frequency-domain model assessing random loading damage by the strain energy density parameter. International Journal of Fatigue, 2021, 146, 106152.	5.7	2
21	Fatigue Life of S355JR Steel under Uniaxial Constant Amplitude and Random Loading Conditions. Materials Science, 2020, 55, 514-521.	0.9	2
22	Determination of Fatigue Life with the Use of Spectral Method on the Basis of Fatigue Strain Characteristics. Solid State Phenomena, 0, 224, 112-117.	0.3	1
23	General Procedure for Formulation of Multiaxial Fatigue Failure Criteria in Frequency Domain. MATEC Web of Conferences, 2019, 300, 15007.	0.2	0