

Pietro Foti

List of Publications by Year in descending order

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16
papers

150
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1163117

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docs citations

16
times ranked

98
citing authors

#	ARTICLE	IF	CITATIONS
1	Fatigue strength of a common steel welded detail through Eurocode 3 and local strain energy values. <i>Procedia Structural Integrity</i> , 2022, 39, 564-573.	0.8	0
2	Predicting damage evolution in panel paintings with machine learning. <i>Procedia Structural Integrity</i> , 2022, 41, 145-157.	0.8	2
3	Effect of misalignments and welding penetration on the fatigue strength of a common welded detail: SED method predictions and comparisons with codes. <i>International Journal of Fatigue</i> , 2022, 164, 107135.	5.7	4
4	Fatigue assessment of cruciform joints: Comparison between Strain Energy Density predictions and current standards and recommendations. <i>Engineering Structures</i> , 2021, 230, 111708.	5.3	18
5	On the application of the volume free strain energy density method to blunt V-notches under mixed mode condition. <i>Engineering Structures</i> , 2021, 230, 111716.	5.3	14
6	Fatigue damage assessment in AM polymers evaluating their energy release. <i>Procedia Structural Integrity</i> , 2021, 34, 211-220.	0.8	1
7	Fracture assessment of U-notched PMMA under mixed mode I/II loading conditions by means of local approaches.. <i>Procedia Structural Integrity</i> , 2021, 33, 482-490.	0.8	5
8	Strain energy density evaluation with free coarse mesh model. <i>Material Design and Processing Communications</i> , 2020, 2, e116.	0.9	0
9	Evaluation of the Effect of the TIG-Dressing Technique on Welded Joints through the Strain Energy Density Method. <i>Procedia Structural Integrity</i> , 2020, 25, 201-208.	0.8	8
10	Fatigue assessment of high strength welded joints through the strain energy density method. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2020, 43, 2694-2702.	3.4	31
11	Determination of Fatigue Limit by Static Thermographic Method and Classic Thermographic Method on Notched Specimens. <i>Procedia Structural Integrity</i> , 2020, 26, 166-174.	0.8	18
12	Rapid strain energy density evaluation for V-notches under mode I loading conditions. <i>Engineering Failure Analysis</i> , 2020, 110, 104361.	4.0	16
13	Volume free strain energy density method for applications to blunt V-notches. <i>Procedia Structural Integrity</i> , 2020, 28, 734-742.	0.8	4
14	Francis-99: Evaluation of the strain energy density value for welded joints typical of turbine runner blades. <i>Journal of Physics: Conference Series</i> , 2019, 1296, 012007.	0.4	3
15	Evaluation of the Strain Energy Density Value without the Construction of the Control Volume in the Preprocessing Phase of the Finite Element Analysis. <i>Procedia Structural Integrity</i> , 2019, 18, 183-188.	0.8	12
16	Fatigue assessment of welded joints by means of the Strain Energy Density method: Numerical predictions and comparison with Eurocode 3. <i>Frattura Ed Integrita Strutturale</i> , 2019, 13, 104-125.	0.9	14