

# Pietro Foti

## List of Publications by Year in descending order

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16  
papers

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1163117

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1199594

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16  
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16  
docs citations

16  
times ranked

98  
citing authors

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