

Sabrina Vantadori

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

663
citations

759233

12
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839539

18
g-index

18
all docs

18
docs citations

18
times ranked

462
citing authors

#	ARTICLE	IF	CITATIONS
1	Hardness measurements as a technique for measuring accumulated fatigue damage. <i>International Journal of Structural Integrity</i> , 2022, 13, 699.	3.3	1
2	Vibration fatigue analysis of circumferentially notched specimens under coupled multiaxial random vibration environments. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2021, 44, 2412-2428.	3.4	7
3	A nonlinear fatigue damage model: Comparison with experimental damage evolution of S355 (SAE 1020) structural steel and application to offshore jacket structures. <i>International Journal of Fatigue</i> , 2020, 135, 105568.	5.7	18
4	Novel non-linear relationship to evaluate the critical plane orientation. <i>International Journal of Fatigue</i> , 2019, 124, 537-543.	5.7	7
5	A framework to assess structural integrity of ageing offshore jacket structures for life extension. <i>Marine Structures</i> , 2017, 56, 237-259.	3.8	29
6	Estimation of fatigue life under multiaxial loading by varying the critical plane orientation. <i>International Journal of Fatigue</i> , 2017, 100, 512-520.	5.7	35
7	Fatigue life estimation of tubular joints – a comparative study. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2016, 39, 30-46.	3.4	5
8	An experimental investigation on the quasi-brittle fracture of marble rocks. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2016, 39, 956-968.	3.4	16
9	Fatigue assessment of notched specimens by means of a critical plane-based criterion and energy concepts. <i>Theoretical and Applied Fracture Mechanics</i> , 2016, 84, 57-63.	4.7	53
10	Vibration measurement-based simple technique for damage detection of truss bridges: A case study. <i>Case Studies in Engineering Failure Analysis</i> , 2015, 4, 50-58.	1.2	34
11	Analysis of Cracked and Notched Round Bars Under Rotary Bending. <i>Materials Performance and Characterization</i> , 2015, 4, 131-142.	0.3	3
12	Remaining fatigue life estimation of corroded bridge members. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2014, 37, 603-622.	3.4	31
13	Stress intensity factors and fatigue growth of surface cracks in notched shells and round bars: two decades of research work. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2013, 36, 1164-1177.	3.4	57
14	Structural integrity assessment of metallic components under multiaxial fatigue: the C-S criterion and its evolution. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2013, 36, 870-883.	3.4	97
15	Simplified analysis of fracture behaviour of a Francis hydraulic turbine runner blade. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2013, 36, 679-688.	3.4	22
16	A simplified approach to predict the failure of steel members under interaction effect of fracture and fatigue. <i>International Journal of Fatigue</i> , 2013, 47, 161-173.	5.7	9
17	Multiaxial fatigue assessment using a simplified critical plane-based criterion. <i>International Journal of Fatigue</i> , 2011, 33, 969-976.	5.7	137
18	Multiaxial fatigue life estimation in welded joints using the critical plane approach. <i>International Journal of Fatigue</i> , 2009, 31, 188-196.	5.7	102