

Sabrina Vantadori

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

663
citations

759233

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h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

462
citing authors

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