

Arash P Jirandehi

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

125
citations

1307594
7
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

65
citing authors

#	ARTICLE	IF	CITATIONS
1	A fatigue crack initiation and growth life estimation method in single-bolted connections. Journal of Strain Analysis for Engineering Design, 2019, 54, 79-94.	1.8	26
2	Temperature-induced buckling of ductile metals during cyclic loading and the subsequent early fracture. International Journal of Mechanical Sciences, 2020, 176, 105525.	6.7	19
3	Microstructure-sensitive estimation of fatigue life using cyclic thermodynamic entropy as an index for metals. Theoretical and Applied Fracture Mechanics, 2021, 112, 102854.	4.7	18
4	Small-sized specimen design with the provision for high-frequency bending fatigue testing. Fatigue and Fracture of Engineering Materials and Structures, 2021, 44, 3517-3537.	3.4	17
5	General quantification of fatigue damage with provision for microstructure: A review. Fatigue and Fracture of Engineering Materials and Structures, 2021, 44, 1973-1999.	3.4	15
6	On the determination of cyclic plastic strain energy with the provision for microplasticity. International Journal of Fatigue, 2021, 142, 105966.	5.7	14
7	Fatigue assessment of additively-manufactured C-18150 copper alloy at room and elevated temperatures via a microstructure-sensitive algorithm. International Journal of Fatigue, 2022, 159, 106777.	5.7	8
8	Strain energy-based fatigue failure analyses of LB-PBF Inconel 718: Effect of build orientation. Additive Manufacturing, 2022, 52, 102661.	3.0	4
9	Fatigue analysis of high-carbon steel at different environmental temperatures considering the blue brittleness effect. International Journal of Mechanical Sciences, 2022, 230, 107546.	6.7	4