

Romali Biswal

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

297
citations

1478505

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h-index

1474206

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g-index

9
all docs

9
docs citations

9
times ranked

273
citing authors

#	ARTICLE	IF	CITATIONS
1	Criticality of porosity defects on the fatigue performance of wire+arc additive manufactured titanium alloy. International Journal of Fatigue, 2019, 122, 208-217.	5.7	130
2	Assessment of the effect of isolated porosity defects on the fatigue performance of additive manufactured titanium alloy. Additive Manufacturing, 2018, 23, 433-442.	3.0	51
3	Interrupted fatigue testing with periodic tomography to monitor porosity defects in wire + arc additive manufactured Ti-6Al-4V. Additive Manufacturing, 2019, 28, 517-527.	3.0	37
4	The role of microstructure and local crystallographic orientation near porosity defects on the high cycle fatigue life of an additive manufactured Ti-6Al-4V. Materials Characterization, 2020, 169, 110576.	4.4	33
5	Fatigue of wire+arc additive manufactured Ti-6Al-4V in presence of process-induced porosity defects. International Journal of Fatigue, 2021, 150, 106315.	5.7	25
6	Fatigue damage analysis of offshore wind turbine monopile weldments. Procedia Structural Integrity, 2019, 17, 643-650.	0.8	11
7	On the performance of monopile weldments under service loading conditions and fatigue damage prediction. Fatigue and Fracture of Engineering Materials and Structures, 2021, 44, 1469-1483.	3.4	6
8	Evaluation of Cyclic Loading Effects on Residual Stress Relaxation in Offshore Wind Welded Structures. Journal of Multiscale Modeling, 2021, 12, .	1.1	3
9	Experimental Investigation of Lattice Deformation Behavior in S355 Steel Weldments Using Neutron Diffraction Technique. Journal of Materials Engineering and Performance, 2021, 30, 9118-9129.	2.5	1