

Suranjit Kumar

List of Publications by Year in descending order

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7
papers

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2258059

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#	ARTICLE	IF	CITATIONS
1	Fracture toughness behavior of dissimilar metal (SA508 Gr.3 Class 1 and SA312 Type 304LN) weld joint: With and without stress relieving treatment. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2021, 44, 2462-2474.	3.4	2
2	Effect of shear localisation on yield surface for porous metals containing ellipsoidal voids. <i>Engineering Fracture Mechanics</i> , 2021, 255, 107932.	4.3	3
3	Evolution of shape and size of voids under shear dominated loading conditions in ductile materials. <i>Engineering Fracture Mechanics</i> , 2020, 236, 107208.	4.3	7
4	Plastic eta factor and blunting line for characterization of fracture toughness of dissimilar metal weld. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2019, 42, 1191-1202.	3.4	1
5	Evaluation of Microstructure at Interfaces of Welded Joint Between Low Alloy Steel and Stainless Steel. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019, 50, 2784-2797.	2.2	9
6	Characterization of near tip stresses for a plane-strain off-center crack in a strength mismatched weld. <i>International Journal of Mechanical Sciences</i> , 2015, 99, 48-57.	6.7	5
7	Influence of Weld Strength Mismatch on Crack Length Measurement Using Compliance Technique. <i>Procedia Engineering</i> , 2014, 86, 242-246.	1.2	0