

Surya Deo Yadav

List of Publications by Year in descending order

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8
papers

169
citations

1478505

6
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	An advanced dislocation density-based approach to model the tensile flow behaviour of a 64.7Ni–31.96Cu alloy. Philosophical Magazine, 2022, 102, 1481-1504.	1.6	4
2	Phase transformation, Mechanical Properties and Corrosion Behavior of 304L Austenitic Stainless Steel Rolled at Room and Cryo Temperatures. Defence Science Journal, 2021, 71, 383-389.	0.8	1
3	Deep insights on the creep behavior and mechanism of a novel G115 steel: Micromechanical modeling and experimental validation. International Journal of Plasticity, 2021, 147, 103124.	8.8	23
4	On the tensile flow stress response of 304 HCu stainless steel employing a dislocation density based model and electron backscatter diffraction measurements. Philosophical Magazine, 2020, 100, 312-336.	1.6	10
5	Influence of W and effect of loading mode on the substructural evolution of reduced activation ferritic/martensitic (RAFM) steels. Materials Letters, 2019, 234, 257-260.	2.6	8
6	Characterizing dislocation configurations and their evolution during creep of a new 12% Cr steel. Materials Characterization, 2017, 134, 387-397.	4.4	37
7	Evolution of the substructure of a novel 12% Cr steel under creep conditions. Materials Characterization, 2016, 115, 23-31.	4.4	42
8	Modelling the creep behaviour of tempered martensitic steel based on a hybrid approach. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2016, 662, 330-341.	5.6	44