

Soudip Basu

List of Publications by Year in descending order

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Version: 2024-02-01

5
papers

23
citations

2682572

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2053705

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g-index

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all docs

5
docs citations

5
times ranked

6
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Phase Hardness Differential on the Non-uniform Elongation of a Ferrite-Martensite Dual Phase Steel. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2021, 52, 4018-4032.	2.2	10
2	A Machine Learning-based surrogate modeling framework for predicting the history-dependent deformation of dual phase microstructures. Materials Today Communications, 2021, 29, 102914.	1.9	5
3	Finite Element Modeling of Indentation Behavior of Dual Phase Steels: Role of Plastic Zone Size in Property Mapping. Jom, 2022, 74, 2245-2260.	1.9	3
4	Non-conventional Small-Scale Mechanical Testing of Materials. Journal of the Indian Institute of Science, 2022, 102, 139-171.	1.9	3
5	The Defining Role of Micro-fissures on the Mechanical Behavior of Laser-Welded Fully Austenitic Stainless Steel. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2022, 53, 2116.	2.2	2