

Mehdi Sanjari

List of Publications by Year in descending order

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139
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning and crystal plasticity: A preconditioning approach for accurate orientation evolution prediction. Computer Methods in Applied Mechanics and Engineering, 2022, 389, 114392.	6.6	10
2	Mechanical properties and crystallographic texture of non-oriented electrical steel processed by repetitive bending under tension. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2022, 835, 142665.	5.6	6
3	Microstructural Evolution in Additively Manufactured Fe-Cr-Ni Maraging Stainless Steel. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2022, 53, 1771-1792.	2.2	4
4	On the bending of MS1-P20 hybrid steels additively manufactured using laser powder bed fusion. Materialia, 2022, 24, 101501.	2.7	3
5	Plastic deformation throughout strain-induced phase transformation in additively manufactured maraging steels. Materials and Design, 2021, 198, 109289.	7.0	32
6	Texture evolution in selective laser melted maraging stainless steel CX with martensitic transformation. Journal of Materials Science, 2021, 56, 844-853.	3.7	22
7	Automated reconstruction of parent austenite phase based on the optimum orientation relationship. Journal of Applied Crystallography, 2021, 54, 569-579.	4.5	14
8	Corrosion performance of additively manufactured bimetallic aluminum alloys. Electrochimica Acta, 2021, 389, 138689.	5.2	6
9	Selective laser melted stainless steel CX: Role of built orientation on microstructure and micro-mechanical properties. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 786, 139365.	5.6	45
10	Texture evolution during skew cold rolling and annealing of a non-oriented electrical steel containing 0.9Åwt% silicon. Journal of Materials Science, 2017, 52, 3281-3300.	3.7	18
11	Tracking the Evolution of Annealing Textures from Individual Deformed Grains in a Cross-Rolled Non-oriented Electrical Steel. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2017, 48, 6013-6026.	2.2	11
12	Development of the {113} texture during the annealing of a skew cold rolled non-oriented electrical steel. Scripta Materialia, 2016, 124, 179-183.	5.2	36