

Mehdi Sanjari

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

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citations

1163117

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139
citing authors

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