Fiona Robinson

List of Publications by Year
in descending order

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13 papers	92 citations	1478505 6 h-index	1474206 9 g-index
13 all docs	13 docs citations	13 times ranked	89 citing authors

#	Article	IF	Citations
1	Mechanistic approach of Goss abnormal grain growth in electrical steel: Theory and argument. Acta Materialia, 2020, 185, 370-381.	7.9	24
2	Rationalization of the X-ray photoelectron spectroscopy of aluminium phosphates synthesized from different precursors. RSC Advances, 2020, 10, 8444-8452.	3.6	14
3	Development of convection in high temperature coil annealing furnaces using rotating cylinder technique. Applied Thermal Engineering, 2018, 129, 1392-1402.	6.0	10
4	Multi-faceted modelling for strip breakage in cold rolling using machine learning. International Journal of Production Research, 2021, 59, 6347-6360.	7.5	9
5	Characterizing Strip Snap in Cold Rolling Process Using Advanced Data Analytics. Procedia CIRP, 2019, 81, 453-458.	1.9	7
6	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
7	Strip Snap Analytics in Cold Rolling Process Using Machine Learning. , 2019, , .		5
8	A Multi-source Feature-level Fusion Approach for Predicting Strip Breakage in Cold Rolling. , 2020, , .		5
9	Application of Coâ€“Niâ€“P Coating on Grain-Oriented Electrical Steel. IEEE Transactions on Magnetics, 2016, 52, 1-8.	2.1	4
10	CrAlN coating to enhance the power loss and magnetostriction in grain oriented electrical steel. AIP Advances, 2016, 6, 055924.	1.3	3
11	Electroless Plating: A Versatile Technique to Deposit Coatings on Electrical Steel. IEEE Transactions on Magnetics, 2016, 52, 1-4.	2.1	3
12	Multi-sourced Modelling for Strip Breakage using Knowledge Graph Embeddings. Procedia CIRP, 2021, 104, 1884-1889.	1.9	2
13	Evaluating the Suitability of Partial Recrystallization as a Strengthening Method for Thin-Gauge, High-Strength Non-Orientated Electrical Steel. IEEE Transactions on Magnetics, 2019, 55, 1-5.	2.1	0