

# Fiona Robinson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9280952/publications.pdf>

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13  
papers

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citations

1478505

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1474206

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Mechanical properties and crystallographic texture of non-oriented electrical steel processed by repetitive bending under tension. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 835, 142665.	5.6	6
2	Multi-faceted modelling for strip breakage in cold rolling using machine learning. <i>International Journal of Production Research</i> , 2021, 59, 6347-6360.	7.5	9
3	Multi-sourced Modelling for Strip Breakage using Knowledge Graph Embeddings. <i>Procedia CIRP</i> , 2021, 104, 1884-1889.	1.9	2
4	Mechanistic approach of Goss abnormal grain growth in electrical steel: Theory and argument. <i>Acta Materialia</i> , 2020, 185, 370-381.	7.9	24
5	A Multi-source Feature-level Fusion Approach for Predicting Strip Breakage in Cold Rolling. , 2020, , .		5
6	Rationalization of the X-ray photoelectron spectroscopy of aluminium phosphates synthesized from different precursors. <i>RSC Advances</i> , 2020, 10, 8444-8452.	3.6	14
7	Characterizing Strip Snap in Cold Rolling Process Using Advanced Data Analytics. <i>Procedia CIRP</i> , 2019, 81, 453-458.	1.9	7
8	Strip Snap Analytics in Cold Rolling Process Using Machine Learning. , 2019, , .		5
9	Evaluating the Suitability of Partial Recrystallization as a Strengthening Method for Thin-Gauge, High-Strength Non-Orientated Electrical Steel. <i>IEEE Transactions on Magnetics</i> , 2019, 55, 1-5.	2.1	0
10	Development of convection in high temperature coil annealing furnaces using rotating cylinder technique. <i>Applied Thermal Engineering</i> , 2018, 129, 1392-1402.	6.0	10
11	CrAlN coating to enhance the power loss and magnetostriction in grain oriented electrical steel. <i>AIP Advances</i> , 2016, 6, 055924.	1.3	3
12	Electroless Plating: A Versatile Technique to Deposit Coatings on Electrical Steel. <i>IEEE Transactions on Magnetics</i> , 2016, 52, 1-4.	2.1	3
13	Application of CoNiP Coating on Grain-Oriented Electrical Steel. <i>IEEE Transactions on Magnetics</i> , 2016, 52, 1-8.	2.1	4