

# Miguel Cuartas Hernandez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8841376/publications.pdf>

Version: 2024-02-01

11  
papers

183  
citations

1307594

7  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

228  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of machine learning algorithms for the optimization of the fabrication process of steel springs to improve their fatigue performance. <i>International Journal of Fatigue</i> , 2022, 159, 106785.	5.7	4
2	Machine learning algorithms for the prediction of non-metallic inclusions in steel wires for tire reinforcement. <i>Journal of Intelligent Manufacturing</i> , 2021, 32, 1739-1751.	7.3	22
3	Machine Learning Methods for the Prediction of the Inclusion Content of Clean Steel Fabricated by Electric Arc Furnace and Rolling. <i>Metals</i> , 2021, 11, 914.	2.3	10
4	Investigation through Artificial Neural Networks on the Influence of Shot Peening on the Hardness of ASTM TX304HB Stainless Steel. <i>Journal of Testing and Evaluation</i> , 2021, 49, 493-508.	0.7	1
5	A decision support tool for planning biowaste management systems. <i>Journal of Cleaner Production</i> , 2020, 242, 118460.	9.3	14
6	Machine learning algorithms for the prediction of the strength of steel rods: an example of data-driven manufacturing in steelmaking. <i>International Journal of Computer Integrated Manufacturing</i> , 2020, 33, 880-894.	4.6	12
7	Release of pollutants in MBT landfills: Laboratory versus field. <i>Chemosphere</i> , 2020, 249, 126145.	8.2	15
8	Optimization of the Fabrication of Cold Drawn Steel Wire Through Classification and Clustering Machine Learning Algorithms. <i>IEEE Access</i> , 2019, 7, 141689-141700.	4.2	6
9	Prediction of non-metallic inclusions in steel wires for tire reinforcement by means of machine learning algorithms. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
10	Analysis of landfill design variables based on scientific computing. <i>Waste Management</i> , 2018, 71, 287-300.	7.4	18
11	Using indicators as a tool to evaluate municipal solid waste management: A critical review. <i>Waste Management</i> , 2018, 80, 51-63.	7.4	81