

# Miguel Martínez-Comesaña

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4582490/publications.pdf>

Version: 2024-02-01

8  
papers

137  
citations

1307594

7  
h-index

1588992

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g-index

8  
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8  
docs citations

8  
times ranked

62  
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of optimised MLP neural networks for spatiotemporal estimation of indoor environmental conditions of existing buildings. <i>Building and Environment</i> , 2021, 205, 108243.	6.9	28
2	Prediction of Building's Thermal Performance Using LSTM and MLP Neural Networks. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7439.	2.5	24
3	A Functional Data Analysis Approach for the Detection of Air Pollution Episodes and Outliers: A Case Study in Dublin, Ireland. <i>Mathematics</i> , 2020, 8, 225.	2.2	24
4	Application of Functional Data Analysis and FTIR-ATR Spectroscopy to Discriminate Wine Spirits Ageing Technologies. <i>Mathematics</i> , 2020, 8, 896.	2.2	19
5	Heat Loss Coefficient Estimation Applied to Existing Buildings through Machine Learning Models. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8968.	2.5	15
6	Optimisation of thermal comfort and indoor air quality estimations applied to in-use buildings combining NSGA-III and XGBoost. <i>Sustainable Cities and Society</i> , 2022, 80, 103723.	10.4	14
7	IoT-based platform for automated IEQ spatio-temporal analysis in buildings using machine learning techniques. <i>Automation in Construction</i> , 2022, 139, 104261.	9.8	9
8	A Functional Data Analysis for Assessing the Impact of a Retrofitting in the Energy Performance of a Building. <i>Mathematics</i> , 2020, 8, 547.	2.2	4