

# Carla Iglesias

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7354830/publications.pdf>

Version: 2024-02-01

16  
papers

305  
citations

1040056

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h-index

1199594

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g-index

16  
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16  
docs citations

16  
times ranked

439  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural networks applied to discriminate botanical origin of honeys. Food Chemistry, 2015, 175, 128-136.	8.2	68
2	Turbidity Prediction in a River Basin by Using Artificial Neural Networks: A Case Study in Northern Spain. Water Resources Management, 2014, 28, 319-331.	3.9	52
3	Automated vision system for quality inspection of slate slabs. Computers in Industry, 2018, 99, 119-129.	9.9	52
4	Air quality parameters outliers detection using functional data analysis in the Langreo urban area (Northern Spain). Applied Mathematics and Computation, 2014, 241, 1-10.	2.2	34
5	Prediction of mechanical strength of cork under compression using machine learning techniques. Materials and Design, 2015, 82, 304-311.	7.0	30
6	Study of Water Quality in a Spanish River Based on Statistical Process Control and Functional Data Analysis. Mathematical Geosciences, 2016, 48, 163-186.	2.4	16
7	Solving the slate tile classification problem using a DAGSVM multiclassification algorithm based on SVM binary classifiers with a one-versus-all approach. Applied Mathematics and Computation, 2014, 230, 464-472.	2.2	14
8	Shewhart-type control charts and functional data analysis for water quality analysis based on a global indicator. Desalination and Water Treatment, 2016, 57, 2669-2684.	1.0	10
9	Prediction of tension properties of cork from its physical properties using neural networks. European Journal of Wood and Wood Products, 2015, 73, 347-356.	2.9	9
10	Influence of Heartwood on Wood Density and Pulp Properties Explained by Machine Learning Techniques. Forests, 2017, 8, 20.	2.1	7
11	Predicting ore content throughout a machine learning procedure " An Sn-W enrichment case study. Journal of Geochemical Exploration, 2020, 208, 106405.	3.2	7
12	Estimating Quartz Reserves Using Compositional Kriging. Abstract and Applied Analysis, 2013, 2013, 1-6.	0.7	6
13	Study on Occupational Safety in the Aggregates Sector. Key Engineering Materials, 0, 548, 363-370.	0.4	0
14	Method for the Evaluation of the Reserve of a Metallurgical Quartz Deposit by Advanced Kriging Techniques. Key Engineering Materials, 2013, 548, 31-38.	0.4	0
15	Obtaining the sCAG distribution profile in articular cartilage color images. Biomedizinische Technik, 2019, 64, 591-600.	0.8	0
16	Abacus for the analysis of technical and economical consequences of over-excavation in tunnels. , 2014, , 1117-1120.		0