

# Francisco Javier Rebollo Castillo

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

302  
citations

933447

10  
h-index

888059

17  
g-index

23  
all docs

23  
docs citations

23  
times ranked

387  
citing authors

#	ARTICLE	IF	CITATIONS
1	Site-specific management zones based on the Rasch model and geostatistical techniques. <i>Computers and Electronics in Agriculture</i> , 2011, 75, 223-230.	7.7	47
2	Spatial distribution and comparison of aridity indices in Extremadura, southwestern Spain. <i>Theoretical and Applied Climatology</i> , 2016, 126, 801-814.	2.8	36
3	Aridity in the Iberian Peninsula (1960–2017): distribution, tendencies, and changes. <i>Theoretical and Applied Climatology</i> , 2019, 138, 811-830.	2.8	28
4	Mapping cation exchange capacity using a Veris-3100 instrument and invVERIS modelling software. <i>Science of the Total Environment</i> , 2017, 599-600, 2156-2165.	8.0	21
5	Climatic spatial variability in Extremadura (Spain) based on viticultural bioclimatic indices. <i>International Journal of Biometeorology</i> , 2014, 58, 2139-2152.	3.0	19
6	Spatial analysis of the annual and seasonal aridity trends in Extremadura, southwestern Spain. <i>Theoretical and Applied Climatology</i> , 2017, 130, 917-932.	2.8	18
7	Application of climatic indices to analyse viticultural suitability in Extremadura, south-western Spain. <i>Theoretical and Applied Climatology</i> , 2016, 123, 277-289.	2.8	16
8	Spanish vineyard classification according to bioclimatic indexes. <i>Australian Journal of Grape and Wine Research</i> , 2018, 24, 335-344.	2.1	14
9	A GIS-based multivariate clustering for characterization and ecoregion mapping from a viticultural perspective. <i>Spanish Journal of Agricultural Research</i> , 2016, 14, e0206.	0.6	14
10	Characterization of soil fertility using the Rasch model. <i>Journal of Soil Science and Plant Nutrition</i> , 2017, , 0-0.	3.4	13
11	Using an objective and probabilistic model to evaluate the impact of different factors in the dehesa agroforestry ecosystem. <i>Ecological Indicators</i> , 2014, 46, 253-259.	6.3	10
12	Estimating and mapping pasture soil fertility in a portuguese montado based on a objective model and geostatistical techniques. <i>Computers and Electronics in Agriculture</i> , 2019, 157, 500-508.	7.7	10
13	Delineating site-specific management zones on pasture soil using a probabilistic and objective model and geostatistical techniques. <i>Precision Agriculture</i> , 2020, 21, 620-636.	6.0	9
14	Integration of climatic indices in an objective probabilistic model for establishing and mapping viticultural climatic zones in a region. <i>Theoretical and Applied Climatology</i> , 2016, 124, 1033-1043.	2.8	8
15	Modelling ambient ozone in an urban area using an objective model and geostatistical algorithms. <i>Atmospheric Environment</i> , 2012, 63, 86-93.	4.1	6
16	Modeling of Atmospheric Pollution in Urban and Rural Sites Using a Probabilistic and Objective Approach. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4009.	2.5	6
17	Analysis of soil fertility and its anomalies using an objective model. <i>Journal of Plant Nutrition and Soil Science</i> , 2012, 175, 912-919.	1.9	5
18	Using an objective model to estimate overall ozone levels at different urban locations. <i>Stochastic Environmental Research and Risk Assessment</i> , 2014, 28, 455-465.	4.0	5

#	ARTICLE	IF	CITATIONS
19	Using an objective and probabilistic model to delineate homogeneous zones in hedgerow olive orchards. <i>Soil and Tillage Research</i> , 2019, 194, 104308.	5.6	3
20	Mapping management zones in a sandy pasture soil using an objective model and multivariate techniques. <i>Precision Agriculture</i> , 2021, 22, 800-817.	6.0	3
21	Using an objective measurement model to determine the corrective maintenance demand in the field of hospital engineering. <i>International Journal of Systems Assurance Engineering and Management</i> , 2019, 10, 1567-1576.	2.4	2
22	Yield potential probability maps using the Rasch model. <i>Biosystems Engineering</i> , 2012, 111, 369-380.	4.3	1