

Francisco Gomariz-Castillo

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

349
citations

933264

10
h-index

839398

18
g-index

30
all docs

30
docs citations

30
times ranked

514
citing authors

#	ARTICLE	IF	CITATIONS
1	Evapotranspiration Response to Climate Change in Semi-Arid Areas: Using Random Forest as Multi-Model Ensemble Method. <i>Water (Switzerland)</i> , 2021, 13, 222.	1.2	10
2	Effect of Different Atmospheric Correction Algorithms on Sentinel-2 Imagery Classification Accuracy in a Semiarid Mediterranean Area. <i>Remote Sensing</i> , 2021, 13, 1770.	1.8	9
3	Scientific Programming Tools for Water Management. <i>Scientific Programming</i> , 2021, 2021, 1-3.	0.5	0
4	Modulation of the goodness of fit in hydrological modelling based on inner balance errors. <i>PLoS ONE</i> , 2021, 16, e0260117.	1.1	0
5	<i>Pinna nobilis</i> in the Mar Menor coastal lagoon: a story of colonization and uncertainty. <i>Marine Ecology - Progress Series</i> , 2020, 652, 77-94.	0.9	19
6	Interpolation of Instantaneous Air Temperature Using Geographical and MODIS Derived Variables with Machine Learning Techniques. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 382.	1.4	9
7	Estimación de la subida del nivel del mar por efecto del Cambio Climático mediante datos de mareógrafos y la serie de satélite. <i>Anales De Geografía De La Universidad Complutense</i> , 2019, 39, 39-58.	0.1	0
8	Vulnerability of Transport Networks to Multi-Scenario Flooding and Optimum Location of Emergency Management Centers. <i>Water (Switzerland)</i> , 2019, 11, 1197.	1.2	10
9	Effect of watershed subdivision and estimation of climatic variables on hydrological simulation with the swat model in semi-arid mediterranean basins. <i>Papeles De Geografía</i> , 2019, , 114-133.	0.1	0
10	Isolation Forests to Evaluate Class Separability and the Representativeness of Training and Validation Areas in Land Cover Classification. <i>Remote Sensing</i> , 2019, 11, 3000.	1.8	15
11	Evaluating different i*-based approaches for selecting functional requirements while balancing and optimizing non-functional requirements: A controlled experiment. <i>Information and Software Technology</i> , 2019, 106, 68-84.	3.0	12
12	Impact of land use changes on flash flood prediction using a sub-daily SWAT model in five Mediterranean ungauged watersheds (SE Spain). <i>Science of the Total Environment</i> , 2019, 657, 1578-1591.	3.9	97
13	An open-source web mapping tool to estimate wind energy in the Iberian Peninsula. <i>Journal of Spatial Science</i> , 2019, 64, 153-172.	1.0	0
14	Calibration and spatial modelling of daily ETO in semiarid areas using Hargreaves equation. <i>Earth Science Informatics</i> , 2018, 11, 325-340.	1.6	10
15	Appraisal of the water footprint of irrigated agriculture in a semi-arid area: The Segura River Basin. <i>PLoS ONE</i> , 2018, 13, e0206852.	1.1	13
16	A new approach to the openness index for landform characterisation. <i>Computers and Geosciences</i> , 2018, 119, 68-79.	2.0	2
17	Identifying the Conservation State of Marine Rocky Habitats along the Western Mediterranean Using Focal Species. <i>Journal of Coastal Research</i> , 2018, 345, 1176-1187.	0.1	1
18	Temporal evolution of urban growth and its impact on runoff rates generation. <i>International Journal of Sustainable Development and Planning</i> , 2018, 13, 975-984.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Análisis espacio-temporal de los cambios previstos en la evapotranspiración de referencia durante el siglo XXI en la Demarcación Hidrográfica del Segura (España) a partir de los modelos climáticos globales MPEH5 y MPEH5C. Revista De Geografía Norte Grande, 2018, , 35-58.	0.1	0
20	Modification of the random forest algorithm to avoid statistical dependence problems when classifying remote sensing imagery. Computers and Geosciences, 2017, 103, 1-11.	2.0	62
21	Improving Classification Accuracy of Multi-Temporal Landsat Images by Assessing the Use of Different Algorithms, Textural and Ancillary Information for a Mediterranean Semiarid Area from 2000 to 2015. Remote Sensing, 2017, 9, 1058.	1.8	17
22	Main Environmental Features Leading to Recent Land Abandonment in Murcia Region (Southeast Spain). Land Degradation and Development, 2016, 27, 654-670.	1.8	45
23	Comparación de métodos de clasificación de imágenes de satélite en la cuenca del río Argos (Región de Murcia). Tij ETQq1 1 0.7843 14	0.2	1
24	Assessing Groundwater Residence Time in a Highly Anthropized Unconfined Aquifer Using Bomb Peak 14C and Reconstructed Irrigation Water 3H. Radiocarbon, 2013, 55, .	0.8	2
25	Hierarchical classification of marine rocky landscape as management tool at southeast Mediterranean coast. Ocean and Coastal Management, 2011, 54, 497-506.	2.0	6
26	EOLMAP: A web tool to assess the wind resource over Spain. Renewable Energy and Power Quality Journal, 0, , 1264-1269.	0.2	5
27	Estimation of actual evapotranspiration using TDTM model and MODIS derived variables. Geocarto International, 0, , 1-19.	1.7	0