

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	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
2	Modification of the random forest algorithm to avoid statistical dependence problems when classifying remote sensing imagery. <i>Computers and Geosciences</i> , 2017, 103, 1-11.	2.0	62
3	Main Environmental Features Leading to Recent Land Abandonment in Murcia Region (Southeast Spain). <i>Land Degradation and Development</i> , 2016, 27, 654-670.	1.8	45
4	<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
5	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. <i>Remote Sensing</i> , 2017, 9, 1058.	1.8	17
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	Hierarchical classification of marine rocky landscape as management tool at southeast Mediterranean coast. <i>Ocean and Coastal Management</i> , 2011, 54, 497-506.	2.0	6
15	EOLMAP: A web tool to assess the wind resource over Spain. <i>Renewable Energy and Power Quality Journal</i> , 0, , 1264-1269.	0.2	5
16	Assessing Groundwater Residence Time in a Highly Anthropized Unconfined Aquifer Using Bomb Peak ¹⁴ C and Reconstructed Irrigation Water ³ H. <i>Radiocarbon</i> , 2013, 55, .	0.8	2
17	A new approach to the openness index for landform characterisation. <i>Computers and Geosciences</i> , 2018, 119, 68-79.	2.0	2
18	Comparación de métodos de clasificación de imágenes de satélite en la cuenca del río Argos (Región de Murcia)	0,2	0,2

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	Scientific Programming Tools for Water Management. <i>Scientific Programming</i> , 2021, 2021, 1-3.	0.5	0
24	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
25	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. <i>Revista De Geografía Norte Grande</i> , 2018, , 35-58.	0.1	0
26	Modulation of the goodness of fit in hydrological modelling based on inner balance errors. <i>PLoS ONE</i> , 2021, 16, e0260117.	1.1	0
27	Estimation of actual evapotranspiration using TDTM model and MODIS derived variables. <i>Geocarto International</i> , 0, , 1-19.	1.7	0