

Victor F F Rodriguez-Galiano

List of Publications by Year in Descending Order

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Version: 2024-04-24

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

3,316
citations

21
h-index

53
g-index

53
ext. papers

4,023
ext. citations

5.8
avg, IF

5.58
L-index

#	Paper	IF	Citations
40	Predictive modelling benchmark of nitrate Vulnerable Zones at a regional scale based on Machine learning and remote sensing. <i>Journal of Hydrology</i> , 2021 , 603, 127092	6	0
39	Land surface phenology as indicator of global terrestrial ecosystem dynamics: A systematic review. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021 , 171, 330-347	11.8	21
38	Estimaci3n de la fenolog3a de la vegetaci3n a partir de im3genes de sat3lite: el caso de la pen3sula ib3rica e islas Baleares (2001-2017). <i>Revista De Teledeteccion</i> , 2020 , 25	0.7	1
37	Characterization and mapping of illegal landfill potential occurrence in the Canary Islands. <i>Waste Management</i> , 2019 , 85, 506-518	8.6	9
36	Spatiotemporal analysis of the housing bubble's contribution to the proliferation of illegal landfills - The case of Gran Canaria. <i>Science of the Total Environment</i> , 2019 , 687, 104-117	10.2	3
35	Could land surface phenology be used to discriminate Mediterranean pine species?. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019 , 78, 281-294	7.3	12
34	Machine Learning for Modeling Water Demand. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2019 , 145, 04019017	2.8	21
33	Photoperiod controls vegetation phenology across Africa. <i>Communications Biology</i> , 2019 , 2, 391	6.7	18
32	Characterising marshland temporal dynamics using remote sensing: The case of Bolboschoenetum maritimi in Do3na national park. <i>Applied Geography</i> , 2019 , 112, 102094	4.4	2
31	Epikarst mapping by remote sensing. <i>Catena</i> , 2018 , 165, 1-11	5.8	9
30	Feature selection approaches for predictive modelling of groundwater nitrate pollution: An evaluation of filters, embedded and wrapper methods. <i>Science of the Total Environment</i> , 2018 , 624, 661-672	10.2	108
29	Estimaci3n de la cosecha de trigo en Andaluc3a usando series temporales de MERIS Terrestrial Chlorophyll Index (MTCI). <i>Revista De Teledeteccion</i> , 2018 , 99	0.7	0
28	A methodology for assessing public health risk associated with groundwater nitrate contamination: a case study in an agricultural setting (southern Spain). <i>Environmental Geochemistry and Health</i> , 2017 , 39, 1117-1132	4.7	14
27	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016 , 9, 414-424	4.7	22
26	Modelling interannual variation in the spring and autumn land surface phenology of the European forest. <i>Biogeosciences</i> , 2016 , 13, 3305-3317	4.6	25
25	Extreme warm temperatures alter forest phenology and productivity in Europe. <i>Science of the Total Environment</i> , 2016 , 563-564, 486-95	10.2	40
24	Compositional cokriging for mapping the probability risk of groundwater contamination by nitrates. <i>Science of the Total Environment</i> , 2015 , 532, 162-75	10.2	10

23	New insights into geochemical behaviour in ancient marine carbonates (Upper Jurassic Ammonitico Rosso): Novel proxies for interpreting sea-level dynamics and palaeoceanography. <i>Sedimentology</i> , 2015 , 62, 266-302	3.3	17
22	Intercomparison of satellite sensor land surface phenology and ground phenology in Europe. <i>Geophysical Research Letters</i> , 2015 , 42, 2253-2260	4.9	58
21	Characterising the Land Surface Phenology of Europe Using Decadal MERIS Data. <i>Remote Sensing</i> , 2015 , 7, 9390-9409	5	29
20	Machine learning predictive models for mineral prospectivity: An evaluation of neural networks, random forest, regression trees and support vector machines. <i>Ore Geology Reviews</i> , 2015 , 71, 804-818	3.2	426
19	Categorical Indicator Kriging for assessing the risk of groundwater nitrate pollution: the case of Vega de Granada aquifer (SE Spain). <i>Science of the Total Environment</i> , 2014 , 470-471, 229-39	10.2	59
18	Predictive modeling of groundwater nitrate pollution using Random Forest and multisource variables related to intrinsic and specific vulnerability: a case study in an agricultural setting (Southern Spain). <i>Science of the Total Environment</i> , 2014 , 476-477, 189-206	10.2	184
17	Predictive modelling of gold potential with the integration of multisource information based on random forest: a case study on the Rodalquilar area, Southern Spain. <i>International Journal of Geographical Information Science</i> , 2014 , 28, 1336-1354	4.1	91
16	Regression trees for modeling geochemical data—An application to Late Jurassic carbonates (Ammonitico Rosso). <i>Computers and Geosciences</i> , 2014 , 73, 198-207	4.5	14
15	Evaluation of different machine learning methods for land cover mapping of a Mediterranean area using multi-seasonal Landsat images and Digital Terrain Models. <i>International Journal of Digital Earth</i> , 2014 , 7, 492-509	3.9	73
14	Quantitative Risk Management of Groundwater Contamination by Nitrates Using Indicator Geostatistics. <i>Lecture Notes in Earth System Sciences</i> , 2014 , 533-536	0.4	1
13	Analysis Of The Parametrization Needs Of Different Land Cover Classifiers: The Case Study Of Granda Province (Spain). <i>Lecture Notes in Earth System Sciences</i> , 2014 , 123-126	0.4	
12	An assessment of the effectiveness of a random forest classifier for land-cover classification. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2012 , 67, 93-104	11.8	1312
11	Land cover change analysis of a Mediterranean area in Spain using different sources of data: Multi-seasonal Landsat images, land surface temperature, digital terrain models and texture. <i>Applied Geography</i> , 2012 , 35, 208-218	4.4	54
10	A comparative assessment of different methods for Landsat 7/ETM+ pansharpener. <i>International Journal of Remote Sensing</i> , 2012 , 33, 6574-6599	3.1	10
9	An Evaluation of Bagging, Boosting, and Random Forests for Land-Cover Classification in Cape Cod, Massachusetts, USA. <i>GIScience and Remote Sensing</i> , 2012 , 49, 623-643	4.8	115
8	Random Forest classification of Mediterranean land cover using multi-seasonal imagery and multi-seasonal texture. <i>Remote Sensing of Environment</i> , 2012 , 121, 93-107	13.2	368
7	Downscaling Landsat 7 ETM+ thermal imagery using land surface temperature and NDVI images. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2012 , 18, 515-527	7.3	65
6	Morphometric analysis of three-dimensional networks of karst conduits. <i>Geomorphology</i> , 2011 , 132, 17-28	3	33

5	Incorporating Spatial Variability Measures in Land-cover Classification using Random Forest. <i>Procedia Environmental Sciences</i> , 2011 , 3, 44-49		28
4	Increasing the spatial resolution of thermal infrared images using cokriging. <i>Procedia Environmental Sciences</i> , 2011 , 3, 117-122		11
3	Image fusion by spatially adaptive filtering using downscaling cokriging. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2011 , 66, 337-346	11.8	48
2	Modelling anomalies in the spring and autumn land surface phenology of the European forest		3
1	GEOSTATISTICAL SOLUTIONS FOR DOWNSCALING REMOTELY SENSED LAND SURFACE TEMPERATURE. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , XLII-2/W7, 913-917	2.5	2