

Victor F F Rodriguez-Galiano

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

4,870
citations

279487

23
h-index

315357

38
g-index

53
all docs

53
docs citations

53
times ranked

5726
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | An assessment of the effectiveness of a random forest classifier for land-cover classification. ISPRS Journal of Photogrammetry and Remote Sensing, 2012, 67, 93-104. | 4.9 | 1,897 |
| 2 | Machine learning predictive models for mineral prospectivity: An evaluation of neural networks, random forest, regression trees and support vector machines. Ore Geology Reviews, 2015, 71, 804-818. | 1.1 | 768 |
| 3 | Random Forest classification of Mediterranean land cover using multi-seasonal imagery and multi-seasonal texture. Remote Sensing of Environment, 2012, 121, 93-107. | 4.6 | 447 |
| 4 | 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). Science of the Total Environment, 2014, 476-477, 189-206. | 3.9 | 287 |
| 5 | Feature selection approaches for predictive modelling of groundwater nitrate pollution: An evaluation of filters, embedded and wrapper methods. Science of the Total Environment, 2018, 624, 661-672. | 3.9 | 181 |
| 6 | An Evaluation of Bagging, Boosting, and Random Forests for Land-Cover Classification in Cape Cod, Massachusetts, USA. GIScience and Remote Sensing, 2012, 49, 623-643. | 2.4 | 160 |
| 7 | Predictive modelling of gold potential with the integration of multisource information based on random forest: a case study on the Rodalquilar area, Southern Spain. International Journal of Geographical Information Science, 2014, 28, 1336-1354. | 2.2 | 142 |
| 8 | Evaluation of different machine learning methods for land cover mapping of a Mediterranean area using multi-seasonal Landsat images and Digital Terrain Models. International Journal of Digital Earth, 2014, 7, 492-509. | 1.6 | 104 |
| 9 | Land surface phenology as indicator of global terrestrial ecosystem dynamics: A systematic review. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 171, 330-347. | 4.9 | 84 |
| 10 | Downscaling Landsat 7 ETM+ thermal imagery using land surface temperature and NDVI images. International Journal of Applied Earth Observation and Geoinformation, 2012, 18, 515-527. | 1.4 | 69 |
| 11 | Categorical Indicator Kriging for assessing the risk of groundwater nitrate pollution: The case of Vega de Granada aquifer (SE Spain). Science of the Total Environment, 2014, 470-471, 229-239. | 3.9 | 67 |
| 12 | Intercomparison of satellite sensor land surface phenology and ground phenology in Europe. Geophysical Research Letters, 2015, 42, 2253-2260. | 1.5 | 67 |
| 13 | 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. Applied Geography, 2012, 35, 208-218. | 1.7 | 57 |
| 14 | Image fusion by spatially adaptive filtering using downscaling cokriging. ISPRS Journal of Photogrammetry and Remote Sensing, 2011, 66, 337-346. | 4.9 | 53 |
| 15 | Extreme warm temperatures alter forest phenology and productivity in Europe. Science of the Total Environment, 2016, 563-564, 486-495. | 3.9 | 53 |
| 16 | Morphometric analysis of three-dimensional networks of karst conduits. Geomorphology, 2011, 132, 17-28. | 1.1 | 43 |
| 17 | Characterising the Land Surface Phenology of Europe Using Decadal MERIS Data. Remote Sensing, 2015, 7, 9390-9409. | 1.8 | 39 |
| 18 | Modelling interannual variation in the spring and autumn land surface phenology of the European forest. Biogeosciences, 2016, 13, 3305-3317. | 1.3 | 36 |

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|----|---|-----|-----------|
| 19 | Photoperiod controls vegetation phenology across Africa. <i>Communications Biology</i> , 2019, 2, 391. | 2.0 | 34 |
| 20 | Machine Learning for Modeling Water Demand. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2019, 145, . | 1.3 | 33 |
| 21 | Incorporating Spatial Variability Measures in Land-cover Classification using Random Forest. <i>Procedia Environmental Sciences</i> , 2011, 3, 44-49. | 1.3 | 32 |
| 22 | Characterization and mapping of illegal landfill potential occurrence in the Canary Islands. <i>Waste Management</i> , 2019, 85, 506-518. | 3.7 | 26 |
| 23 | Classification of Vegetation Type in Iraq Using Satellite-Based Phenological Parameters. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 414-424. | 2.3 | 24 |
| 24 | New insights into geochemical behaviour in ancient marine carbonates (Upper Jurassic Ammonitico) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 62, 266-302. | 1.6 | 22 |
| 25 | 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. | 1.8 | 21 |
| 26 | 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. | 1.4 | 21 |
| 27 | Regression trees for modeling geochemical data—An application to Late Jurassic carbonates (Ammonitico Rosso). <i>Computers and Geosciences</i> , 2014, 73, 198-207. | 2.0 | 19 |
| 28 | Epikarst mapping by remote sensing. <i>Catena</i> , 2018, 165, 1-11. | 2.2 | 16 |
| 29 | Compositional cokriging for mapping the probability risk of groundwater contamination by nitrates. <i>Science of the Total Environment</i> , 2015, 532, 162-175. | 3.9 | 14 |
| 30 | Increasing the spatial resolution of thermal infrared images using cokriging. <i>Procedia Environmental Sciences</i> , 2011, 3, 117-122. | 1.3 | 12 |
| 31 | A comparative assessment of different methods for Landsat 7/ETM+ pansharpening. <i>International Journal of Remote Sensing</i> , 2012, 33, 6574-6599. | 1.3 | 12 |
| 32 | 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. | 2.3 | 7 |
| 33 | 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. | 3.9 | 6 |
| 34 | GEOSTATISTICAL SOLUTIONS FOR DOWNSCALING REMOTELY SENSED LAND SURFACE TEMPERATURE. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLII-2/W7, 913-917. | 0.2 | 3 |
| 35 | Characterising marshland temporal dynamics using remote sensing: The case of Bolboschoenetum maritimi in Doñana national park. <i>Applied Geography</i> , 2019, 112, 102094. | 1.7 | 2 |
| 36 | Estimación de la fenología de la vegetación a partir de imágenes de satélite: el caso de la península ibérica e islas Baleares (2001-2017). <i>Revista De Teledeteccion</i> , 2020, , 25. | 0.6 | 2 |

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|----|--|-----|-----------|
| 37 | Area and Feature Guided Regularised Random Forest: a novel method for predictive modelling of binary phenomena. The case of illegal landfill in Canary Island. International Journal of Geographical Information Science, 2022, 36, 2473-2495. | 2.2 | 2 |
| 38 | Characterising the spring and autumn land surface phenology of Macaronesian species using Sentinel-2 data: the case of Canary Island. , 2021, , . | | 1 |
| 39 | A case of study of land surface phenology for CAP management: using Sentinel-2 data to obtain phenometrics for winter cereals in Andalusia, Spain.. , 2021, , . | | 1 |
| 40 | Estimaci3n de la cosecha de trigo en AndalucAa usando series temporales de MERIS Terrestrial Chlorophyll Index (MTCI). Revista De Teledeteccion, 2018, , 99. | 0.6 | 1 |
| 41 | Analysis Of The Parametrization Needs Of Different Land Cover Classifiers: The Case Study Of Granda Province (Spain). Lecture Notes in Earth System Sciences, 2014, , 123-126. | 0.5 | 0 |
| 42 | Discriminating the Mediterranean Pinus spp. using the land surface phenology extracted from the whole MODIS NDVI time series and machine learning algorithms. , 2017, , . | | 0 |
| 43 | Characterisation of macrophyte phenology in the DoA±ana marshland using MODIS NDVI time series from 2000 to 2015. , 2017, , . | | 0 |
| 44 | Predictive modelling of wheat yield from vegetation index time series in Spain: assessing the use of Corine Land Cover and CAP statistics to obtain crop masks. , 2020, , . | | 0 |