

# Isabel PÃÃ§as

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

912  
citations

471061

17  
h-index

552369

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1188  
citing authors

#	ARTICLE	IF	CITATIONS
1	Canopy VIS-NIR spectroscopy and self-learning artificial intelligence for a generalised model of predawn leaf water potential in <i>Vitis vinifera</i> . <i>Biosystems Engineering</i> , 2022, 219, 235-258.	1.9	16
2	Assessing predawn leaf water potential based on hyperspectral data and pigment's concentration of <i>Vitis vinifera</i> L. in the Douro Wine Region. <i>Scientia Horticulturae</i> , 2021, 278, 109860.	1.7	14
3	Evaluation of crop coefficient and evapotranspiration data for sugar beets from landsat surface reflectances using micrometeorological measurements and weighing lysimetry. <i>Agricultural Water Management</i> , 2021, 244, 106533.	2.4	10
4	Toward a generalized predictive model of grapevine water status in Douro region from hyperspectral data. <i>Agricultural and Forest Meteorology</i> , 2020, 280, 107793.	1.9	19
5	A review of strategies, methods and technologies to reduce non-beneficial consumptive water use on farms considering the FAO56 methods. <i>Agricultural Water Management</i> , 2020, 239, 106267.	2.4	46
6	Remote sensing for estimating and mapping single and basal crop coefficients: A review on spectral vegetation indices approaches. <i>Agricultural Water Management</i> , 2020, 233, 106081.	2.4	85
7	Mapping and Assessing the Dynamics of Shifting Agricultural Landscapes Using Google Earth Engine Cloud Computing, a Case Study in Mozambique. <i>Remote Sensing</i> , 2020, 12, 1279.	1.8	23
8	Spectral and thermal data as a proxy for leaf protective energy dissipation under kaolin application in grapevine cultivars. <i>Open Agriculture</i> , 2019, 4, 294-304.	0.7	7
9	Modelling evapotranspiration of soilless cut roses 'Red Naomi' based on climatic and crop predictors. <i>Zahradnictvi (Prague, Czech Republic: 1992)</i> , 2019, 46, 107-114.	0.3	2
10	SegOptim: A new R package for optimizing object-based image analyses of high-spatial resolution remotely-sensed data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 76, 218-230.	1.4	37
11	Agricultural drought monitoring based on soil moisture derived from the optical trapezoid model in Mozambique. <i>Journal of Applied Remote Sensing</i> , 2019, 13, 1.	0.6	30
12	Retrieval of Maize Leaf Area Index Using Hyperspectral and Multispectral Data. <i>Remote Sensing</i> , 2018, 10, 1942.	1.8	31
13	Maize leaf area estimation in different growth stages based on allometric descriptors. <i>African Journal of Agricultural Research Vol Pp</i> , 2018, 13, 202-209.	0.2	7
14	Hyperspectral-based predictive modelling of grapevine water status in the Portuguese Douro wine region. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2017, 58, 177-190.	1.4	33
15	Estimating the Leaf Area of Cut Roses in Different Growth Stages Using Image Processing and Allometrics. <i>Horticulturae</i> , 2016, 2, 6.	1.2	11
16	Exploring the spatiotemporal dynamics of habitat suitability to improve conservation management of a vulnerable plant species. <i>Biodiversity and Conservation</i> , 2016, 25, 2867-2888.	1.2	25
17	Estimation of Actual Crop Coefficients Using Remotely Sensed Vegetation Indices and Soil Water Balance Modelled Data. <i>Remote Sensing</i> , 2015, 7, 2373-2400.	1.8	61
18	Predicting Grapevine Water Status Based on Hyperspectral Reflectance Vegetation Indices. <i>Remote Sensing</i> , 2015, 7, 16460-16479.	1.8	51

#	ARTICLE	IF	CITATIONS
19	Evaluating the fitness for use of spatial data sets to promote quality in ecological assessment and monitoring. <i>International Journal of Geographical Information Science</i> , 2014, 28, 2356-2371.	2.2	23
20	Evapotranspiration and crop coefficients for a super intensive olive orchard. An application of SIMDualKc and METRIC models using ground and satellite observations. <i>Journal of Hydrology</i> , 2014, 519, 2067-2080.	2.3	98
21	Satellite-based evapotranspiration of a super-intensive olive orchard: Application of METRIC algorithms. <i>Biosystems Engineering</i> , 2014, 128, 69-81.	1.9	48
22	Using remote sensing energy balance and evapotranspiration to characterize montane landscape vegetation with focus on grass and pasture lands. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2013, 21, 159-172.	1.4	41
23	Will climate change drive alien invasive plants into areas of high protection value? An improved model-based regional assessment to prioritise the management of invasions. <i>Journal of Environmental Management</i> , 2013, 131, 185-195.	3.8	68
24	Dynamics of mountain semi-natural grassland meadows inferred from SPOT-VEGETATION and field spectroradiometer data. <i>International Journal of Remote Sensing</i> , 2012, 33, 4334-4355.	1.3	17
25	Remote sensing based indicators of changes in a mountain rural landscape of Northeast Portugal. <i>Applied Geography</i> , 2011, 31, 871-880.	1.7	73
26	An evaluation of changes in a mountainous rural landscape of Northeast Portugal using remotely sensed data. <i>Landscape and Urban Planning</i> , 2011, 101, 253-261.	3.4	31
27	Evaluating MODIS vegetation indices using ground based measurements in mountain semi-natural meadows of Northeast Portugal. , 2010, , .		5