

Vincent Simonneaux

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

785
citations

623188

14
h-index

642321

23
g-index

29
all docs

29
docs citations

29
times ranked

1231
citing authors

#	ARTICLE	IF	CITATIONS
1	Near real-time agriculture monitoring at national scale at parcel resolution: Performance assessment of the Sen2-Agri automated system in various cropping systems around the world. <i>Remote Sensing of Environment</i> , 2019, 221, 551-568.	4.6	216
2	Land use and climate change effects on soil erosion in a semi-arid mountainous watershed (High Atlas, Morocco). <i>Journal of Hydrology</i> , 2019, 570, 107-120.	1.2	130
3	Partitioning evapotranspiration of a drip-irrigated wheat crop: Inter-comparing eddy covariance-, sap flow-, lysimeter- and FAO-based methods. <i>Agricultural and Forest Meteorology</i> , 2019, 265, 310-326.	1.9	59
4	Assessment of Equity and Adequacy of Water Delivery in Irrigation Systems Using Remote Sensing-Based Indicators in Semi-Arid Region, Morocco. <i>Water Resources Management</i> , 2013, 27, 4697-4714.	1.9	45
5	Modeling water needs and total irrigation depths of maize crop in the south west of France using high spatial and temporal resolution satellite imagery. <i>Agricultural Water Management</i> , 2017, 189, 123-136.	2.4	40
6	Monitoring Irrigation Consumption Using High Resolution NDVI Image Time Series: Calibration and Validation in the Kairouan Plain (Tunisia). <i>Remote Sensing</i> , 2015, 7, 13005-13028.	1.8	36
7	Water use efficiency and yield of winter wheat under different irrigation regimes in a semi-arid region. <i>Agricultural Sciences</i> , 2011, 02, 273-282.	0.2	35
8	Can traditional forest management buffer forest depletion? Dynamics of Moroccan High Atlas Mountain forests using remote sensing and vegetation analysis. <i>Forest Ecology and Management</i> , 2010, 260, 1861-1872.	1.4	33
9	Variations of the Snow Water Equivalent in the Ourika Catchment (Morocco) over 2000-2018 Using Downscaled MERRA-2 Data. <i>Water (Switzerland)</i> , 2018, 10, 1120.	1.2	25
10	Estimation spatiale de l'évapotranspiration des cultures irriguées par télédétection: application à la gestion de l'irrigation dans la plaine du Haouz (Marrakech, Maroc). <i>Sécheresse</i> , 2009, 20, 123-130.	0.1	24
11	Assessment of actual evapotranspiration over a semiarid heterogeneous land surface by means of coupled low-resolution remote sensing data with an energy balance model: comparison to extra-large aperture scintillometer measurements. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 2187-2209.	1.9	23
12	Assessing Irrigation Water Use with Remote Sensing-Based Soil Water Balance at an Irrigation Scheme Level in a Semi-Arid Region of Morocco. <i>Remote Sensing</i> , 2021, 13, 1133.	1.8	21
13	Challenges in flood modeling over data-scarce regions: how to exploit globally available soil moisture products to estimate antecedent soil wetness conditions in Morocco. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 2591-2607.	1.5	19
14	Automatic unmixing of MODIS multi-temporal data for inter-annual monitoring of land use at a regional scale (Tensift, Morocco). <i>International Journal of Remote Sensing</i> , 2012, 33, 1325-1348.	1.3	16
15	Multi-decadal analysis of water resources and agricultural change in a Mediterranean semiarid irrigated piedmont under water scarcity and human interaction. <i>Science of the Total Environment</i> , 2022, 834, 155328.	3.9	15
16	Modélisation pluie-débit et analyse du régime d'un bassin versant semi-aride sous influence nivale. Cas du bassin versant du Rheraya (Haut Atlas, Maroc). <i>Houille Blanche</i> , 2018, 104, 49-62.	0.3	14
17	Snow hydrology in the Moroccan Atlas Mountains. <i>Journal of Hydrology: Regional Studies</i> , 2022, 42, 101101.	1.0	7
18	Multi-Scale Evaluation of the TSEB Model over a Complex Agricultural Landscape in Morocco. <i>Remote Sensing</i> , 2020, 12, 1181.	1.8	6

#	ARTICLE	IF	CITATIONS
19	Contribution of Remote Sensing for Crop and Water Monitoring. , 2016, , 113-177.		5
20	Estimation of Irrigation Water Pumping by Remote Sensing: Application of the SAMIR Model to Citrus under Mediterranean Climate Conditions. Revista Brasileira De Meteorologia, 2018, 33, 391-400.	0.2	5
21	Bare soil hydrological balance model "MHYSAN" Calibration and validation using SAR moisture products and continuous thetaprobe network measurements over bare agricultural soils (Tunisia). Journal of Arid Environments, 2017, 139, 11-25.	1.2	3
22	Evapotranspiration estimates in a traditional irrigated area in semi-arid Mediterranean. Comparison of four remote sensing-based models. Agricultural Water Management, 2022, 270, 107728.	2.4	3
23	Dynamics of groundwater recharge near a semi-arid Mediterranean intermittent stream under wet and normal climate conditions. Journal of Arid Land, 2022, 14, 739-752.	0.9	3
24	Recherche d'indicateurs de ruissellement et des risques d'érosion au moyen de tests d'infiltration dans le bassin versant du Rhodaya (Haut-Atlas occidental, Maroc). Revue Des Sciences De L'Eau, 0, 21, 311-322.	0.2	1
25	Effects of Climate Change at the 2040's Horizon on the Hydrology of the Pluvio-Nival Rheraya Watershed Near Marrakesh, Morocco. Lecture Notes in Electrical Engineering, 2020, , 440-450.	0.3	1
26	The potential use of high resolution X-band SAR moisture products for the calibration of a water balance model over bare agricultural soils (Tunisia). , 2016, , .		0
27	Evaporation-based disaggregation of surface soil moisture data: The dispatch method, the CATDS product and on-going research. , 2017, , .		0