

Jaap Schellekens

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10789342/publications.pdf>

Version: 2024-02-01

16
papers

2,120
citations

567281

15
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

3369
citing authors

#	ARTICLE	IF	CITATIONS
1	MSWEP: 3-hourly 0.25° global gridded precipitation (1979–2015) by merging gauge, satellite, and reanalysis data. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 589-615.	4.9	742
2	Global-scale regionalization of hydrologic model parameters. <i>Water Resources Research</i> , 2016, 52, 3599-3622.	4.2	241
3	Global patterns in base flow index and recession based on streamflow observations from 3394 catchments. <i>Water Resources Research</i> , 2013, 49, 7843-7863.	4.2	200
4	A global water resources ensemble of hydrological models: the earth2Observe Tier-1 dataset. <i>Earth System Science Data</i> , 2017, 9, 389-413.	9.9	169
5	Global evaluation of runoff from 10 state-of-the-art hydrological models. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 2881-2903.	4.9	146
6	Calibration of a large-scale hydrological model using satellite-based soil moisture and evapotranspiration products. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 3125-3144.	4.9	128
7	Forest–flood relation still tenuous – comment on “Global evidence that deforestation amplifies flood risk and severity in the developing world” by C. J. A. Bradshaw, N.S. Sodi, K. S. H. Peh and B.W. Brook. <i>Global Change Biology</i> , 2009, 15, 110-115.	9.5	91
8	River gauging at global scale using optical and passive microwave remote sensing. <i>Water Resources Research</i> , 2016, 52, 6404-6418.	4.2	87
9	Improving Curve Number Based Storm Runoff Estimates Using Soil Moisture Proxies. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2009, 2, 250-259.	4.9	84
10	Improved large-scale hydrological modelling through the assimilation of streamflow and downscaled satellite soil moisture observations. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 3059-3076.	4.9	46
11	Redressing the balance: quantifying net intercatchment groundwater flows. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 6415-6434.	4.9	45
12	Modelling of hydrological responses: the representative elementary watershed approach as an alternative blueprint for watershed modelling. <i>Hydrological Processes</i> , 2003, 17, 3785-3789.	2.6	42
13	Global 5-km resolution estimates of secondary evaporation including irrigation through satellite data assimilation. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 4959-4980.	4.9	38
14	Spatial Downscaling of Satellite-Based Precipitation and Its Impact on Discharge Simulations in the Magdalena River Basin in Colombia. <i>Frontiers in Earth Science</i> , 2018, 6, .	1.8	33
15	Improved Understanding of the Link Between Catchment-Scale Vegetation Accessible Storage and Satellite-Derived Soil Water Index. <i>Water Resources Research</i> , 2020, 56, e2019WR026365.	4.2	18
16	Hydrological impacts of land cover change in the Dragonja catchment (Slovenia)., 2009, , .		1