

Davi C D Melo

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

393
citations

933447

10
h-index

940533

16
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24
all docs

24
docs citations

24
times ranked

736
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance evaluation of rainfall estimates by TRMM Multi-satellite Precipitation Analysis 3B42V6 and V7 over Brazil. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 9426-9436.	3.3	72
2	Grid box-level evaluation of IMERG over Brazil at various space and time scales. <i>Atmospheric Research</i> , 2019, 218, 231-244.	4.1	59
3	Reservoir storage and hydrologic responses to droughts in the Paranı River basin, south-eastern Brazil. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 4673-4688.	4.9	56
4	The performance of the IMERG satellite-based product in identifying sub-daily rainfall events and their properties. <i>Journal of Hydrology</i> , 2020, 589, 125128.	5.4	50
5	Evaluation of remotely sensed data for estimating recharge to an outcrop zone of the Guarani Aquifer System (South America). <i>Hydrogeology Journal</i> , 2015, 23, 961-969.	2.1	28
6	Significant Baseflow Reduction in the Sao Francisco River Basin. <i>Water (Switzerland)</i> , 2021, 13, 2.	2.7	24
7	Shallow aquifer response to climate change scenarios in a small catchment in the Guarani Aquifer outcrop zone. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017, 89, 391-406.	0.8	17
8	Are Remote Sensing Evapotranspiration Models Reliable Across South American Ecoregions?. <i>Water Resources Research</i> , 2021, 57, e2020WR028752.	4.2	17
9	The big picture of field hydrology studies in Brazil. <i>Hydrological Sciences Journal</i> , 2020, 65, 1262-1280.	2.6	14
10	Aquifer Responses to Rainfall through Spectral and Correlation Analysis. <i>Journal of the American Water Resources Association</i> , 2018, 54, 1341-1354.	2.4	12
11	Hydrological system time lag responses to meteorological shifts. <i>Revista Brasileira De Recursos Hidricos</i> , 2016, 21, 766-776.	0.5	10
12	Estimate of Groundwater Recharge Based on Water Balance in The Unsaturated Soil Zone. <i>Revista Brasileira De Ciencia Do Solo</i> , 2015, 39, 1336-1343.	1.3	9
13	Radar Altimetry as a Proxy for Determining Terrestrial Water Storage Variability in Tropical Basins. <i>Remote Sensing</i> , 2019, 11, 2487.	4.0	6
14	Hydrologic performance assessment of regulated and alternative strategies for flood mitigation: a case study in Sao Paulo, Brazil. <i>Urban Water Journal</i> , 2020, 17, 481-489.	2.1	5
15	Empirical rainfall-based model for defining baseflow and dynamical water use rights. <i>River Research and Applications</i> , 2020, 36, 189-198.	1.7	3
16	Rainfall in an experimental watershed: a comparison between observed and TRMM 3B42V7 dataset. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XL-7/W3, 1447-1452.	0.2	3
17	Water budget comparison of global climate models and experimental data in Onsa Creek basin, Brazil. <i>Proceedings of the International Association of Hydrological Sciences</i> , 0, 364, 70-75.	1.0	2
18	A satellite-based approach to estimating spatially distributed groundwater recharge rates in a tropical wet sedimentary region despite cloudy conditions. <i>Journal of Hydrology</i> , 2022, 607, 127503.	5.4	2

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19	Balanço hídrico e modelagem computacional visando estimar recarga subterrânea. Revista Águas Subterrâneas, 2017, 31, 66.	0.1	0