

Vagner G Ferreira

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,392
citations

279701

23
h-index

345118

36
g-index

64
all docs

64
docs citations

64
times ranked

1263
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncertainties in remotely sensed precipitation data over Africa. <i>International Journal of Climatology</i> , 2016, 36, 303-323.	1.5	136
2	Evaluation of twelve evapotranspiration products from machine learning, remote sensing and land surface models over conterminous United States. <i>Journal of Hydrology</i> , 2019, 578, 124-105.	2.3	92
3	Spatio-temporal variability of droughts and terrestrial water storage over Lake Chad Basin using independent component analysis. <i>Journal of Hydrology</i> , 2016, 540, 106-128.	2.3	82
4	Characterization of Ethiopian mega hydrogeological regimes using GRACE, TRMM and GLDAS datasets. <i>Advances in Water Resources</i> , 2014, 74, 64-78.	1.7	76
5	Monitoring Groundwater Variations from Satellite Gravimetry and Hydrological Models: A Comparison with in-situ Measurements in the Mid-Atlantic Region of the United States. <i>Remote Sensing</i> , 2015, 7, 686-703.	1.8	66
6	Uncertainties of the Gravity Recovery and Climate Experiment time-variable gravity-field solutions based on three-cornered hat method. <i>Journal of Applied Remote Sensing</i> , 2016, 10, 015015.	0.6	57
7	Space-based observations of crustal deflections for drought characterization in Brazil. <i>Science of the Total Environment</i> , 2018, 644, 256-273.	3.9	51
8	Modelling the impacts of global multi-scale climatic drivers on hydro-climatic extremes (1901-2014) over the Congo basin. <i>Science of the Total Environment</i> , 2019, 651, 1569-1587.	3.9	49
9	Evolutionary drought patterns over the Sahel and their teleconnections with low frequency climate oscillations. <i>Atmospheric Research</i> , 2020, 233, 104700.	1.8	49
10	Multi-model and multi-sensor estimations of evapotranspiration over the Volta Basin, West Africa. <i>International Journal of Climatology</i> , 2015, 35, 3132-3145.	1.5	45
11	Assessing land water storage dynamics over South America. <i>Journal of Hydrology</i> , 2020, 580, 124339.	2.3	45
12	What if the rains do not come?. <i>Journal of Hydrology</i> , 2021, 595, 126040.	2.3	45
13	Characterization of the hydro-geological regime of Yangtze River basin using remotely-sensed and modeled products. <i>Science of the Total Environment</i> , 2020, 718, 137354.	3.9	41
14	Water Availability of São Francisco River Basin Based on a Space-Borne Geodetic Sensor. <i>Water (Switzerland)</i> , 2016, 8, 213.	1.2	40
15	Estimating Total Discharge in the Yangtze River Basin Using Satellite-Based Observations. <i>Remote Sensing</i> , 2013, 5, 3415-3430.	1.8	36
16	Monitoring mass changes in the Volta River basin using GRACE satellite gravity and TRMM precipitation. <i>Boletim De Ciencias Geodesicas</i> , 2012, 18, 549-563.	0.2	33
17	Hydrological controls on surface vegetation dynamics over West and Central Africa. <i>Ecological Indicators</i> , 2019, 103, 494-508.	2.6	32
18	Prospects for Imaging Terrestrial Water Storage in South America Using Daily GPS Observations. <i>Remote Sensing</i> , 2019, 11, 679.	1.8	30

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19	An investigation into the freshwater variability in West Africa during 1979â€”2010. <i>International Journal of Climatology</i> , 2017, 37, 333-349.	1.5	28
20	Influence of global climate on freshwater changes in Africa's largest endorheic basin using multi-scaled indicators. <i>Science of the Total Environment</i> , 2020, 737, 139643.	3.9	28
21	Exploring evapotranspiration dynamics over Sub-Sahara Africa (2000â€”2014). <i>Environmental Monitoring and Assessment</i> , 2018, 190, 400.	1.3	27
22	Upstream flows drive the productivity of floodplain ecosystems in tropical Queensland. <i>Ecological Indicators</i> , 2021, 125, 107546.	2.6	26
23	Determining seasonal displacements of Earth's crust in South America using observations from space-borne geodetic sensors and surface-loading models. <i>Earth, Planets and Space</i> , 2019, 71, .	0.9	24
24	Identifying the footprints of global climate modes in time-variable gravity hydrological signals. <i>Climatic Change</i> , 2020, 159, 481-502.	1.7	18
25	Hydrological hotspots of climatic influence in Brazil: A two-step regularization approach. <i>Atmospheric Research</i> , 2020, 246, 105116.	1.8	16
26	Monitoring groundwater changes in the Yangtze River basin using satellite and model data. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	15
27	Ocean Wave Separation Using CEEMD-Wavelet in GPS Wave Measurement. <i>Sensors</i> , 2015, 15, 19416-19428.	2.1	14
28	A Multi-Sourced Data Retrodiction of Remotely Sensed Terrestrial Water Storage Changes for West Africa. <i>Water (Switzerland)</i> , 2019, 11, 401.	1.2	14
29	Introducing an Improved GRACE Global Point-Mass Solutionâ€”A Case Study in Antarctica. <i>Remote Sensing</i> , 2020, 12, 3197.	1.8	13
30	Effects on Chilean Vertical Reference Frame due to the Maule Earthquake co-seismic and post-seismic effects. <i>Journal of Geodynamics</i> , 2017, 112, 22-30.	0.7	12
31	Range Image Technique for Change Analysis of Rock Slopes Using Dense Point Cloud Data. <i>Remote Sensing</i> , 2018, 10, 1792.	1.8	11
32	Validation of GOCE gravity field models using GPS-leveling data and EGM08: a case study in Brazil. <i>Journal of Geodetic Science</i> , 2013, 3, .	0.5	10
33	Vertical deformation and sea level changes in the coast of Chile by satellite altimetry and tide gauges. <i>International Journal of Remote Sensing</i> , 2017, 38, 7551-7565.	1.3	10
34	Towards the Selection of an Optimal Global Geopotential Model for the Computation of the Long-Wavelength Contribution: A Case Study of Ghana. <i>Geosciences (Switzerland)</i> , 2017, 7, 113.	1.0	10
35	Land Water-Storage Variability over West Africa: Inferences from Space-Borne Sensors. <i>Water (Switzerland)</i> , 2018, 10, 380.	1.2	10
36	An Investigation on the Closure of the Water Budget Methods Over Volta Basin Using Multi-Satellite Data. <i>International Association of Geodesy Symposia</i> , 2015, , 171-178.	0.2	9

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37	Estimation of the Niger River cross-section and discharge from remotely-sensed products. <i>Journal of Hydrology: Regional Studies</i> , 2021, 36, 100862.	1.0	9
38	MONITORING GROUNDWATER STORAGE IN NORTHERN CHILE BASED ON SATELLITE OBSERVATIONS AND DATA SIMULATION. <i>Boletim De Ciencias Geodesicas</i> , 2016, 22, 1-15.	0.2	8
39	Reciprocal comparison of geodetically sensed and modeled vertical hydrological loading products. <i>Acta Geodaetica Et Geophysica</i> , 2020, 55, 23-49.	0.7	8
40	Common Mode Component and Its Potential Effect on GPS-Inferred Crustal Deformations in Greenland. <i>Pure and Applied Geophysics</i> , 2021, 178, 1805-1823.	0.8	8
41	Extracting Individual Bricks from a Laser Scan Point Cloud of an Unorganized Pile of Bricks. <i>Remote Sensing</i> , 2018, 10, 1709.	1.8	7
42	Accurate extraction of brick shapes in masonry walls from dense terrestrial laser scanning point cloud. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 146, 254-267.	2.5	7
43	Geopotential numbers from GPS satellite surveying and disturbing potential model: a case study of Parana, Brazil. <i>Journal of Applied Geodesy</i> , 2011, 5, .	0.6	6
44	Boosted Regression Tree Algorithm for the Reconstruction of GRACE-Based Terrestrial Water Storage Anomalies in the Yangtze River Basin. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	5
45	Modelling impacts of climate change on coastal West African rainfall. <i>Modeling Earth Systems and Environment</i> , 2022, 8, 3325-3340.	1.9	4
46	The versatility of GNSS observations in hydrological studies. , 2021, , 281-298.		3
47	Análise do termo de primeira ordem das séries de Molodenskii para o problema de valor de contorno da geodésia. <i>Boletim De Ciencias Geodesicas</i> , 2010, 16, 557-574.	0.2	3
48	Study on cycle-slip detection and repair methods for a single dual-frequency global positioning system (GPS) receiver. <i>Boletim De Ciencias Geodesicas</i> , 2014, 20, 984-1004.	0.2	2
49	Analysis of the Discrepancies Between the Brazilian Vertical Reference Frame and GOCE-Based Geopotential Model. <i>International Association of Geodesy Symposia</i> , 2015, , 227-232.	0.2	2
50	Analysis of the Discrepancies Between the Vertical Reference Frames of Argentina and Brazil. <i>International Association of Geodesy Symposia</i> , 2015, , 289-295.	0.2	2
51	An attempt to link the Brazilian Height System to a World Height System. <i>Boletim De Ciencias Geodesicas</i> , 2012, 18, 363-377.	0.2	2
52	Assessment of point-mass solutions for recovering water mass variations from satellite gravimetry. <i>Acta Geodaetica Et Geophysica</i> , 2022, 57, 85-106.	0.7	2
53	A Procedure for Ambiguity Fixing with Dual-Frequency Phase and Code Observations. <i>Arabian Journal for Science and Engineering</i> , 2014, 39, 287-294.	1.1	1
54	Dynamics of the Low and High Degree Components of a Vertical Datum: Towards the Effect of Omission Error. <i>Geophysical Journal International</i> , 0, , .	1.0	1

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55	Evaluation of a Few Interpolation Techniques of Gravity Values in the Border Region of Brazil and Argentina. International Association of Geodesy Symposia, 2012, , 909-915.	0.2	1
56	Impact of meteorological conditions on water resources in the Upper East Region of Ghana using remotely-sensed and modelled hydrological data. Journal of Hydrology: Regional Studies, 2022, 42, 101124.	1.0	1
57	Determinação de função covariância local para a predição de anomalias da gravidade Bouguer e valores da gravidade visando a obtenção de números geopotenciais. Boletim De Ciencias Geodesicas, 2011, 17, 239-256.	0.2	0
58	Análise de deformação por variação do geopotencial: estudo de caso para o terremoto maule (Mw 8,8) com base em dados mensais da missão Grace. Boletim De Ciencias Geodesicas, 2012, 18, 86-100.	0.2	0
59	On the Optimization of Spherical Convolution Integral: Efficiency Analysis. , 2019, , .		0
60	Analysis of the Geopotential Anomalous Component at Brazilian Vertical Datum Region Based on the Imarui Lagoon System. International Association of Geodesy Symposia, 2010, , 321-327.	0.2	0
61	A semi-vectorized and relationally-operated algorithm for fast geoid computation using Stokes's integration. Earth Science Informatics, 0, , .	1.6	0