

# Vagner G Ferreira

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

1,392  
citations

279487

23  
h-index

344852

36  
g-index

64  
all docs

64  
docs citations

64  
times ranked

1263  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling impacts of climate change on coastal West African rainfall. <i>Modeling Earth Systems and Environment</i> , 2022, 8, 3325-3340.	1.9	4
2	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
3	Impact of meteorological conditions on water resources in the Upper East Region of Ghana using remotely-sensed and modelled hydrological data. <i>Journal of Hydrology: Regional Studies</i> , 2022, 42, 101124.	1.0	1
4	The versatility of GNSS observations in hydrological studies. , 2021, , 281-298.		3
5	What if the rains do not come?. <i>Journal of Hydrology</i> , 2021, 595, 126040.	2.3	45
6	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
7	Upstream flows drive the productivity of floodplain ecosystems in tropical Queensland. <i>Ecological Indicators</i> , 2021, 125, 107546.	2.6	26
8	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
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	Identifying the footprints of global climate modes in time-variable gravity hydrological signals. <i>Climatic Change</i> , 2020, 159, 481-502.	1.7	18
11	Assessing land water storage dynamics over South America. <i>Journal of Hydrology</i> , 2020, 580, 124339.	2.3	45
12	Reciprocal comparison of geodetically sensed and modeled vertical hydrological loading products. <i>Acta Geodaetica Et Geophysica</i> , 2020, 55, 23-49.	0.7	8
13	Introducing an Improved GRACE Global Point-Mass Solution – A Case Study in Antarctica. <i>Remote Sensing</i> , 2020, 12, 3197.	1.8	13
14	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
15	Hydrological hotspots of climatic influence in Brazil: A two-step regularization approach. <i>Atmospheric Research</i> , 2020, 246, 105116.	1.8	16
16	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
17	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
18	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, 124105.	2.3	92

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19	Accurate extraction of brick shapes in masonry walls from dense terrestrial laser scanning point cloud. Measurement: Journal of the International Measurement Confederation, 2019, 146, 254-267.	2.5	7
20	Hydrological controls on surface vegetation dynamics over West and Central Africa. Ecological Indicators, 2019, 103, 494-508.	2.6	32
21	Prospects for Imaging Terrestrial Water Storage in South America Using Daily GPS Observations. Remote Sensing, 2019, 11, 679.	1.8	30
22	On the Optimization of Spherical Convolution Integral: Efficiency Analysis. , 2019, , .		0
23	A Multi-Sourced Data Retrodiction of Remotely Sensed Terrestrial Water Storage Changes for West Africa. Water (Switzerland), 2019, 11, 401.	1.2	14
24	Modelling the impacts of global multi-scale climatic drivers on hydro-climatic extremes (1901â€“2014) over the Congo basin. Science of the Total Environment, 2019, 651, 1569-1587.	3.9	49
25	Extracting Individual Bricks from a Laser Scan Point Cloud of an Unorganized Pile of Bricks. Remote Sensing, 2018, 10, 1709.	1.8	7
26	Range Image Technique for Change Analysis of Rock Slopes Using Dense Point Cloud Data. Remote Sensing, 2018, 10, 1792.	1.8	11
27	Land Water-Storage Variability over West Africa: Inferences from Space-Borne Sensors. Water (Switzerland), 2018, 10, 380.	1.2	10
28	Space-based observations of crustal deflections for drought characterization in Brazil. Science of the Total Environment, 2018, 644, 256-273.	3.9	51
29	Exploring evapotranspiration dynamics over Sub-Sahara Africa (2000â€“2014). Environmental Monitoring and Assessment, 2018, 190, 400.	1.3	27
30	An investigation into the freshwater variability in West Africa during 1979â€“2010. International Journal of Climatology, 2017, 37, 333-349.	1.5	28
31	Vertical deformation and sea level changes in the coast of Chile by satellite altimetry and tide gauges. International Journal of Remote Sensing, 2017, 38, 7551-7565.	1.3	10
32	Effects on Chilean Vertical Reference Frame due to the Maule Earthquake co-seismic and post-seismic effects. Journal of Geodynamics, 2017, 112, 22-30.	0.7	12
33	Towards the Selection of an Optimal Global Geopotential Model for the Computation of the Long-Wavelength Contribution: A Case Study of Ghana. Geosciences (Switzerland), 2017, 7, 113.	1.0	10
34	MONITORING GROUNDWATER STORAGE IN NORTHERN CHILE BASED ON SATELLITE OBSERVATIONS AND DATA SIMULATION. Boletim De Ciencias Geodesicas, 2016, 22, 1-15.	0.2	8
35	Water Availability of SÃ£o Francisco River Basin Based on a Space-Borne Geodetic Sensor. Water (Switzerland), 2016, 8, 213.	1.2	40
36	Monitoring groundwater changes in the Yangtze River basin using satellite and model data. Arabian Journal of Geosciences, 2016, 9, 1.	0.6	15

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37	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
38	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
39	Uncertainties in remotely sensed precipitation data over Africa. <i>International Journal of Climatology</i> , 2016, 36, 303-323.	1.5	136
40	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
41	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
42	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
43	Ocean Wave Separation Using CEEMD-Wavelet in GPS Wave Measurement. <i>Sensors</i> , 2015, 15, 19416-19428.	2.1	14
44	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
45	Multi-sensor and multi-model estimations of evapotranspiration over the Volta Basin, West Africa. <i>International Journal of Climatology</i> , 2015, 35, 3132-3145.	1.5	45
46	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
47	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
48	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
49	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
50	Estimating Total Discharge in the Yangtze River Basin Using Satellite-Based Observations. <i>Remote Sensing</i> , 2013, 5, 3415-3430.	1.8	36
51	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. <i>Boletim De Ciencias Geodesicas</i> , 2012, 18, 86-100.	0.2	0
52	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
53	Evaluation of a Few Interpolation Techniques of Gravity Values in the Border Region of Brazil and Argentina. <i>International Association of Geodesy Symposia</i> , 2012, , 909-915.	0.2	1
54	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

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55	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
56	Geopotential numbers from GPS satellite surveying and disturbing potential model: a case study of Parana, Brazil. Journal of Applied Geodesy, 2011, 5, .	0.6	6
57	Análise do termo de primeira ordem das séries de Molodenskii para o problema de valor de contorno da geodésia. Boletim De Ciencias Geodesicas, 2010, 16, 557-574.	0.2	3
58	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
59	Dynamics of the Low and High Degree Components of a Vertical Datum: Towards the Effect of Omission Error. Geophysical Journal International, 0, , .	1.0	1
60	A semi-vectorized and relationally-operated algorithm for fast geoid computation using Stokes's™s integration. Earth Science Informatics, 0, , .	1.6	0
61	Boosted Regression Tree Algorithm for the Reconstruction of GRACE-Based Terrestrial Water Storage Anomalies in the Yangtze River Basin. Frontiers in Environmental Science, 0, 10, .	1.5	5