

M Joana Fernandes

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2847956/publications.pdf>

Version: 2024-02-01

43
papers

1,576
citations

331670

21
h-index

315739

38
g-index

53
all docs

53
docs citations

53
times ranked

1611
citing authors

#	ARTICLE	IF	CITATIONS
1	An enhanced retrieval of the wet tropospheric correction for Sentinel-3 using dynamic inputs from ERA5. <i>Journal of Geodesy</i> , 2022, 96, 1.	3.6	6
2	On the role of the troposphere in satellite altimetry. <i>Remote Sensing of Environment</i> , 2021, 252, 112149.	11.0	30
3	A RIP-based SAR retracker and its application in North East Atlantic with Sentinel-3. <i>Advances in Space Research</i> , 2021, 68, 892-929.	2.6	17
4	Altimetry for the future: Building on 25 years of progress. <i>Advances in Space Research</i> , 2021, 68, 319-363.	2.6	119
5	A coastally improved global dataset of wet tropospheric corrections for satellite altimetry. <i>Earth System Science Data</i> , 2020, 12, 3205-3228.	9.9	14
6	Requirements for a Coastal Hazards Observing System. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	92
7	Impact of the New ERA5 Reanalysis in the Computation of Radar Altimeter Wet Path Delays. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 9849-9857.	6.3	16
8	Independent Assessment of On-Board Microwave Radiometer Measurements in Coastal Zones Using Tropospheric Delays From GNSS. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 1804-1816.	6.3	20
9	Improved Sea State Bias Estimation for Altimeter Reference Missions With Altimeter-Only Three-Parameter Models. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 1448-1462.	6.3	10
10	Spatio-temporal variability of the wet component of the troposphere – Application to satellite altimetry. <i>Advances in Space Research</i> , 2019, 63, 1737-1753.	2.6	11
11	Modelling the Altitude Dependence of the Wet Path Delay for Coastal Altimetry Using 3-D Fields from ERA5. <i>Remote Sensing</i> , 2019, 11, 2973.	4.0	11
12	Coastal SAR and PLRM altimetry in German Bight and West Baltic Sea. <i>Advances in Space Research</i> , 2018, 62, 1371-1404.	2.6	93
13	Analysis and retrieval of tropospheric corrections for CryoSat-2 over inland waters. <i>Advances in Space Research</i> , 2018, 62, 1479-1496.	2.6	9
14	Independent Assessment of Sentinel-3A Wet Tropospheric Correction over the Open and Coastal Ocean. <i>Remote Sensing</i> , 2018, 10, 484.	4.0	25
15	An improved and homogeneous altimeter sea level record from the ESA Climate Change Initiative. <i>Earth System Science Data</i> , 2018, 10, 281-301.	9.9	157
16	Sea level anomaly in the North Atlantic and seas around Europe: Long-term variability and response to North Atlantic teleconnection patterns. <i>Science of the Total Environment</i> , 2017, 609, 861-874.	8.0	10
17	Assessment of Altimetric Range and Geophysical Corrections and Mean Sea Surface Models – Impacts on Sea Level Variability around the Indonesian Seas. <i>Remote Sensing</i> , 2017, 9, 102.	4.0	39
18	Satellite Altimetry in Coastal Regions. , 2017, , 343-380.		28

#	ARTICLE	IF	CITATIONS
19	A new phase in the production of quality-controlled sea level data. <i>Earth System Science Data</i> , 2017, 9, 557-572.	9.9	56
20	A Conceptually Simple Modeling Approach for Jason-1 Sea State Bias Correction Based on 3 Parameters Exclusively Derived from Altimetric Information. <i>Remote Sensing</i> , 2016, 8, 576.	4.0	23
21	GPD+ Wet Tropospheric Corrections for CryoSat-2 and GFO Altimetry Missions. <i>Remote Sensing</i> , 2016, 8, 851.	4.0	59
22	Improved sea level record over the satellite altimetry era (1993â€“2010) from the Climate Change Initiative project. <i>Ocean Science</i> , 2015, 11, 67-82.	3.4	205
23	Improved wet path delays for all ESA and reference altimetric missions. <i>Remote Sensing of Environment</i> , 2015, 169, 50-74.	11.0	82
24	Atmospheric Corrections for Altimetry Studies over Inland Water. <i>Remote Sensing</i> , 2014, 6, 4952-4997.	4.0	75
25	Semi-automatic determination of the Azores Current axis using satellite altimetry: Application to the study of the current variability during 1995â€“2006. <i>Advances in Space Research</i> , 2013, 51, 2155-2170.	2.6	6
26	Tropospheric delays from GNSS for application in coastal altimetry. <i>Advances in Space Research</i> , 2013, 51, 1352-1368.	2.6	41
27	Evaluating the feasibility of GPS measurements of SSH on board a ship along the Portuguese West Coast. <i>Advances in Space Research</i> , 2013, 51, 1492-1501.	2.6	3
28	Analysis and Inter-Calibration of Wet Path Delay Datasets to Compute the Wet Tropospheric Correction for CryoSat-2 over Ocean. <i>Remote Sensing</i> , 2013, 5, 4977-5005.	4.0	22
29	Improved Coastal Altimetry Could Contribute to the Monitoring of Regional Sea Level Trends. <i>Eos</i> , 2011, 92, 136-136.	0.1	1
30	Tropospheric Corrections for Coastal Altimetry. , 2011, , 147-176.		20
31	Satellite Altimetry: Sailing Closer to the Coast. , 2011, , 217-238.		9
32	GNSS-Derived Path Delay: An Approach to Compute the Wet Tropospheric Correction for Coastal Altimetry. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2010, 7, 596-600.	3.1	44
33	Multi-scale variability patterns in NCEP/NCAR reanalysis sea-level pressure. <i>Theoretical and Applied Climatology</i> , 2009, 96, 319-326.	2.8	11
34	The COASTALT project: Towards an operational use of satellite altimetry in the coastal zone. , 2009, , .		4
35	Changing seasonality in North Atlantic coastal sea level from the analysis of long tide gauge records. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2008, 60, 165-177.	1.7	23
36	Time Series Analysis of Sea-Level Records: Characterising Long-Term Variability. <i>Lecture Notes in Earth Sciences</i> , 2008, , 157-173.	0.5	24

#	ARTICLE	IF	CITATIONS
37	Scale-based comparison of Sea Level observations in the North Atlantic from Satellite Altimetry and Tide Gauges. , 2007, , 63-66.		2
38	Multivariate autoregressive modelling of sea level time series from TOPEX/Poseidon satellite altimetry. Nonlinear Processes in Geophysics, 2006, 13, 177-184.	1.8	14
39	Impact of Altimeter Data Processing on Sea Level Studies. Sensors, 2006, 6, 131-163.	3.8	19
40	Long-range dependence in North Atlantic sea level. Physica A: Statistical Mechanics and Its Applications, 2006, 371, 725-731.	2.6	28
41	Wavelet analysis of the Lisbon and Gibraltar North Atlantic Oscillation winter indices. International Journal of Climatology, 2006, 26, 581-593.	3.5	24
42	Seasonal and interannual variability of surface circulation in the Cape Verde region from 8 years of merged T/P and ERS-2 altimeter data. Remote Sensing of Environment, 2005, 98, 45-62.	11.0	31
43	The Role of Multi-Mission ERS Altimetry in the Determination of the Marine Geoid in the Azores. Marine Geodesy, 2000, 23, 1-16.	2.0	23