Alvaro SantamarÃ-a-GÃ³mez

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3187789/publications.pdf

Version: 2024-02-01

25	1,150	516710 16	552781 26
papers	citations	h-index	g-index

32	32	32	1304
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Correlated errors in GPS position time series: Implications for velocity estimates. Journal of Geophysical Research, 2011, 116, .	3.3	177
2	Rates of seaâ€level change over the past century in a geocentric reference frame. Geophysical Research Letters, 2009, 36, .	4.0	150
3	Mitigating the effects of vertical land motion in tide gauge records using a state-of-the-art GPS velocity field. Global and Planetary Change, 2012, 98-99, 6-17.	3.5	118
4	Uncertainty of the 20th century sea-level rise due to vertical land motion errors. Earth and Planetary Science Letters, 2017, 473, 24-32.	4.4	92
5	Hydrological deformation induced by the West African Monsoon: Comparison of GPS, GRACE and loading models. Journal of Geophysical Research, 2012, 117, .	3.3	71
6	Geodetic secular velocity errors due to interannual surface loading deformation. Geophysical Journal International, 2015, 202, 763-767.	2.4	60
7	Levelling co-located GNSS and tide gauge stations using GNSS reflectometry. Journal of Geodesy, 2015, 89, 241-258.	3.6	59
8	Remote leveling of tide gauges using GNSS reflectometry: case study at Spring Bay, Australia. GPS Solutions, 2017, 21, 451-459.	4.3	55
9	Is land subsidence increasing the exposure to sea level rise in Alexandria, Egypt?. Geophysical Research Letters, 2013, 40, 2953-2957.	4.0	53
10	Towards Comprehensive Observing and Modeling Systems for Monitoring and Predicting Regional to Coastal Sea Level. Frontiers in Marine Science, 2019, 6, .	2.5	51
11	Long-term vertical land motion from double-differenced tide gauge and satellite altimetry data. Journal of Geodesy, 2014, 88, 207-222.	3.6	44
12	Correcting GPS measurements for non-tidal loading. GPS Solutions, 2020, 24, 1.	4.3	37
13	Coastal Sea Level and Related Fields from Existing Observing Systems. Surveys in Geophysics, 2019, 40, 1293-1317.	4.6	31
14	Evidence for a differential sea level rise between hemispheres over the twentieth century. Geophysical Research Letters, 2014, 41, 1639-1643.	4.0	29
15	Ongoing deformation of Antarctica following recent Great Earthquakes. Geophysical Research Letters, 2016, 43, 1918-1927.	4.0	27
16	Estimation of vertical land movement rates along the coasts of the Gulf of Mexico over the past decades. Continental Shelf Research, 2015, 111, 42-51.	1.8	21
17	Chameleonic Noise in GPS Position Time Series. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB019541.	3.4	16
18	Analysis of GNSS Displacements in Europe and Their Comparison with Hydrological Loading Models. Remote Sensing, 2021, 13, 4523.	4.0	14

#	Article	IF	Citations
19	SARI: interactive GNSS position time series analysis software. GPS Solutions, 2019, 23, 1.	4.3	12
20	Very short baseline interferometry: assessment of the relative stability of the GPS stations at the Yebes Observatory (Spain). Studia Geophysica Et Geodaetica, 2013, 57, 233-252.	0.5	7
21	Horizontal and vertical velocities derived from the IDS contribution to ITRF2014, and comparisons with geophysical models. Geophysical Journal International, 2016, 207, 209-227.	2.4	7
22	Improved GPS Data Analysis Strategy for Tide Gauge Benchmark Monitoring. International Association of Geodesy Symposia, 2012, , 11-18.	0.4	6
23	Time-Correlated GPS Noise Dependency on Data Time Period. International Association of Geodesy Symposia, 2013, , 119-124.	0.4	3
24	A Dense Global Velocity Field Based on GNSS Observations: Preliminary Results. International Association of Geodesy Symposia, 2012, , 19-26.	0.4	2
25	IAG WG SC1.3 on Regional Dense Velocity Fields: First Results and Steps Ahead. International Association of Geodesy Symposia, 2013, , 137-145.	0.4	1