

Alvaro Santamaría-Gómez

List of Publications by Year in descending order

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

Version: 2024-02-01

25
papers

1,150
citations

516710

16
h-index

552781

26
g-index

32
all docs

32
docs citations

32
times ranked

1304
citing authors

#	ARTICLE	IF	CITATIONS
1	Chameleonic Noise in GPS Position Time Series. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB019541.	3.4	16
2	Analysis of GNSS Displacements in Europe and Their Comparison with Hydrological Loading Models. <i>Remote Sensing</i> , 2021, 13, 4523.	4.0	14
3	Correcting GPS measurements for non-tidal loading. <i>GPS Solutions</i> , 2020, 24, 1.	4.3	37
4	Towards Comprehensive Observing and Modeling Systems for Monitoring and Predicting Regional to Coastal Sea Level. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	51
5	SARI: interactive GNSS position time series analysis software. <i>GPS Solutions</i> , 2019, 23, 1.	4.3	12
6	Coastal Sea Level and Related Fields from Existing Observing Systems. <i>Surveys in Geophysics</i> , 2019, 40, 1293-1317.	4.6	31
7	Remote leveling of tide gauges using GNSS reflectometry: case study at Spring Bay, Australia. <i>GPS Solutions</i> , 2017, 21, 451-459.	4.3	55
8	Uncertainty of the 20th century sea-level rise due to vertical land motion errors. <i>Earth and Planetary Science Letters</i> , 2017, 473, 24-32.	4.4	92
9	Horizontal and vertical velocities derived from the IDS contribution to ITRF2014, and comparisons with geophysical models. <i>Geophysical Journal International</i> , 2016, 207, 209-227.	2.4	7
10	Ongoing deformation of Antarctica following recent Great Earthquakes. <i>Geophysical Research Letters</i> , 2016, 43, 1918-1927.	4.0	27
11	Estimation of vertical land movement rates along the coasts of the Gulf of Mexico over the past decades. <i>Continental Shelf Research</i> , 2015, 111, 42-51.	1.8	21
12	Geodetic secular velocity errors due to interannual surface loading deformation. <i>Geophysical Journal International</i> , 2015, 202, 763-767.	2.4	60
13	Levelling co-located GNSS and tide gauge stations using GNSS reflectometry. <i>Journal of Geodesy</i> , 2015, 89, 241-258.	3.6	59
14	Long-term vertical land motion from double-differenced tide gauge and satellite altimetry data. <i>Journal of Geodesy</i> , 2014, 88, 207-222.	3.6	44
15	Evidence for a differential sea level rise between hemispheres over the twentieth century. <i>Geophysical Research Letters</i> , 2014, 41, 1639-1643.	4.0	29
16	Very short baseline interferometry: assessment of the relative stability of the GPS stations at the Yebes Observatory (Spain). <i>Studia Geophysica Et Geodaetica</i> , 2013, 57, 233-252.	0.5	7
17	Time-Correlated GPS Noise Dependency on Data Time Period. <i>International Association of Geodesy Symposia</i> , 2013, , 119-124.	0.4	3
18	Is land subsidence increasing the exposure to sea level rise in Alexandria, Egypt?. <i>Geophysical Research Letters</i> , 2013, 40, 2953-2957.	4.0	53

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Hydrological deformation induced by the West African Monsoon: Comparison of GPS, GRACE and loading models. Journal of Geophysical Research, 2012, 117, .	3.3	71
22	Improved GPS Data Analysis Strategy for Tide Gauge Benchmark Monitoring. International Association of Geodesy Symposia, 2012, , 11-18.	0.4	6
23	A Dense Global Velocity Field Based on GNSS Observations: Preliminary Results. International Association of Geodesy Symposia, 2012, , 19-26.	0.4	2
24	Correlated errors in GPS position time series: Implications for velocity estimates. Journal of Geophysical Research, 2011, 116, .	3.3	177
25	Rates of sea level change over the past century in a geocentric reference frame. Geophysical Research Letters, 2009, 36, .	4.0	150