

Zuheir Altamimi

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

3,901
citations

394421
19
h-index

377865
34
g-index

45
all docs

45
docs citations

45
times ranked

2675
citing authors

#	ARTICLE	IF	CITATIONS
1	Fiducial reference systems for time and coordinates in satellite altimetry. <i>Advances in Space Research</i> , 2021, 68, 1140-1160.	2.6	5
2	ITRF2014, Earth Figure Changes, and Geocenter Velocity: Implications for GIA and Recent Ice Melting. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018333.	3.4	9
3	Comparative analysis of different atmospheric surface pressure models and their impacts on daily ITRF2014 GNSS residual time series. <i>Journal of Geodesy</i> , 2020, 94, 1.	3.6	15
4	Assessment of geocenter motion estimates from the IGS second reprocessing. <i>GPS Solutions</i> , 2020, 24, 1.	4.3	3
5	Past and present ITRF solutions from geophysical perspectives. <i>Advances in Space Research</i> , 2020, 65, 2711-2722.	2.6	9
6	Review of Reference Frame Representations for a Deformable Earth. <i>International Association of Geodesy Symposia</i> , 2019, , 51-56.	0.4	3
7	The International Terrestrial Reference Frame: lessons from ITRF2014. <i>Rendiconti Lincei</i> , 2018, 29, 23-28.	2.2	5
8	Assessment of the possible contribution of space ties on-board GNSS satellites to the terrestrial reference frame. <i>Journal of Geodesy</i> , 2018, 92, 383-399.	3.6	11
9	ITRF2014 plate motion model. <i>Geophysical Journal International</i> , 2017, 209, 1906-1912.	2.4	140
10	<i>Geodesy</i> , 2017, , 1039-1061.		6
11	The IGS contribution to ITRF2014. <i>Journal of Geodesy</i> , 2016, 90, 611-630.	3.6	180
12	Assessment of the accuracy of global geodetic satellite laser ranging observations and estimated impact on ITRF scale: estimation of systematic errors in LAGEOS observations 1993â€“2014. <i>Journal of Geodesy</i> , 2016, 90, 1371-1388.	3.6	69
13	ITRF2014: A new release of the International Terrestrial Reference Frame modeling nonlinear station motions. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 6109-6131.	3.4	936
14	KALREFâ€”A Kalman filter and time series approach to the International Terrestrial Reference Frame realization. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 3775-3802.	3.4	31
15	A collinearity diagnosis of the GNSS geocenter determination. <i>Journal of Geodesy</i> , 2014, 88, 65-85.	3.6	50
16	Global coseismic deformations, GNSS time series analysis, and earthquake scaling laws. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 9095-9109.	3.4	23
17	The Choice of Reference System in ITRF Formulation. <i>International Association of Geodesy Symposia</i> , 2012, , 329-334.	0.4	13
18	ITRF2008 contribution to glacial isostatic adjustment and recent ice melting assessment. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	13

#	ARTICLE	IF	CITATIONS
19	Strategies to mitigate aliasing of loading signals while estimating GPS frame parameters. Journal of Geodesy, 2012, 86, 1-14.	3.6	88
20	Quality assessment of GPS reprocessed terrestrial reference frame. GPS Solutions, 2011, 15, 219-231.	4.3	44
21	ITRF2008: an improved solution of the international terrestrial reference frame. Journal of Geodesy, 2011, 85, 457-473.	3.6	984
22	Improved Constraints on Models of Glacial Isostatic Adjustment: A Review of the Contribution of Ground-Based Geodetic Observations. Surveys in Geophysics, 2010, 31, 465-507.	4.6	97
23	Impact of loading effects on determination of the International Terrestrial Reference Frame. Advances in Space Research, 2010, 45, 144-154.	2.6	60
24	IDS contribution to ITRF2008. Advances in Space Research, 2010, 46, 1614-1632.	2.6	29
25	Quality Assessment of the IDS Contribution to ITRF2008. Advances in Space Research, 2010, 45, 1500-1509.	2.6	15
26	On secular geocenter motion: The impact of climate changes. Earth and Planetary Science Letters, 2010, 296, 360-366.	4.4	35
27	Local effects of redundant terrestrial and GPS-based tie vectors in ITRF-like combinations. Journal of Geodesy, 2009, 83, 1031-1040.	3.6	12
28	Terrestrial reference frame implementation in global GPS analysis at TIGA ULR consortium. Physics and Chemistry of the Earth, 2008, 33, 217-224.	2.9	8
29	Is there utility in rigorous combinations of VLBI and GPS Earth orientation parameters?. Journal of Geodesy, 2005, 79, 505-511.	3.6	18
30	The impact of a No-Net-Rotation Condition on ITRF2000. Geophysical Research Letters, 2003, 30, 36-1-36-4.	4.0	39
31	ITRF2000: A new release of the International Terrestrial Reference Frame for earth science applications. Journal of Geophysical Research, 2002, 107, ETG 2-1-ETG 2-19.	3.3	660
32	New trends for the realization of the international terrestrial reference system. Advances in Space Research, 2002, 30, 175-184.	2.6	53
33	The ITRF96 realization and its associated velocity field. Geophysical Research Letters, 1998, 25, 3223-3226.	4.0	122