Paul Rebischung

List of Publications by Year
in descending order

27 papers	2,013 citations	687363 13 h-index	526287 27 g-index
31 all docs	31 docs citations	31 times ranked	1902 citing authors

#	Article	IF	Citations
1	ITRF2014: A new release of the International Terrestrial Reference Frame modeling nonlinear station motions. Journal of Geophysical Research: Solid Earth, 2016, 121, 6109-6131.	3.4	936
2	IGS08: the IGS realization of ITRF2008. GPS Solutions, 2012, 16, 483-494.	4.3	248
3	The IGS contribution to ITRF2014. Journal of Geodesy, 2016, 90, 611-630.	3.6	180
4	Singular spectrum analysis for modeling seasonal signals from GPS time series. Journal of Geodynamics, 2013, 72, 25-35.	1.6	149
5	ITRF2014 plate motion model. Geophysical Journal International, 2017, 209, 1906-1912.	2.4	140
6	Toward a Global Horizontal and Vertical Elastic Load Deformation Model Derived from GRACE and GNSS Station Position Time Series. Journal of Geophysical Research: Solid Earth, 2018, 123, 3225-3237.	3.4	68
7	Subseasonal GNSS positioning errors. Geophysical Research Letters, 2013, 40, 5854-5860.	4.0	53
8	A collinearity diagnosis of the GNSS geocenter determination. Journal of Geodesy, 2014, 88, 65-85.	3.6	50
9	IGS polar motion measurement accuracy. Geodesy and Geodynamics, 2017, 8, 413-420.	2.2	22
10	A warning against over-interpretation of seasonal signals measured by the Global Navigation Satellite System. Nature Communications, 2020, 11, 1375.	12.8	18
11	Influence of Aperiodic Nonâ€Tidal Atmospheric and Oceanic Loading Deformations on the Stochastic Properties of Global GNSS Vertical Land Motion Time Series. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB022370.	3.4	18
12	Vertical land motion in the Southwest and Central Pacific from available GNSS solutions and implications for relative sea levels. Geophysical Journal International, 2019, 218, 1537-1551.	2.4	17
13	Comparative analysis of different atmospheric surface pressure models and their impacts on daily ITRF2014 GNSS residual time series. Journal of Geodesy, 2020, 94, 1.	3.6	15
14	GRACE era variability in the Earth's oblateness: a comparison of estimates from six different sources. Geophysical Journal International, 2017, 208, 1126-1138.	2.4	11
15	Assessment of the possible contribution of space ties on-board GNSS satellites to the terrestrial reference frame. Journal of Geodesy, 2018, 92, 383-399.	3.6	11
16	Multi-technique combination of space geodesy observations: Impact of the Jason-2 satellite on the GPS satellite orbits estimation. Advances in Space Research, 2016, 58, 1376-1389.	2.6	10
17	ITRF2014, Earth Figure Changes, and Geocenter Velocity: Implications for GIA and Recent Ice Melting. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB018333.	3.4	9
18	Understanding the Geodetic Signature of Large Aquifer Systems: Example of the Ozark Plateaus in Central United States. Journal of Geophysical Research: Solid Earth, 2022, 127, .	3.4	9

#	Article	IF	Citations
19	Global optimization of GNSS station reference networks. GPS Solutions, 2015, 19, 569-577.	4.3	7
20	Dependence of IGS Products on the ITRF Datum. International Association of Geodesy Symposia, 2013, , 63-67.	0.4	7
21	Recent Results from the IGS Terrestrial Frame Combinations. International Association of Geodesy Symposia, 2013, , 69-74.	0.4	6
22	Quantifying discrepancies in the three-dimensional seasonal variations between IGS station positions and load models. Journal of Geodesy, 2022, 96, 1.	3.6	6
23	The International Terrestrial Reference Frame: lessons from ITRF2014. Rendiconti Lincei, 2018, 29, 23-28.	2.2	5
24	Impact of offsets on assessing the low-frequency stochastic properties of geodetic time series. Journal of Geodesy, 2022, 96, .	3.6	5
25	Review of Reference Frame Representations for a Deformable Earth. International Association of Geodesy Symposia, 2019, , 51-56.	0.4	3
26	Assessment of geocenter motion estimates from the IGS second reprocessing. GPS Solutions, 2020, 24, 1.	4.3	3
27	Seasonal low-degree changes in terrestrial water mass load from global GNSS measurements. Journal of Geodesy, 2017, 91, 1329-1350.	3.6	1