

# Paul Rebischung

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Understanding the Geodetic Signature of Large Aquifer Systems: Example of the Ozark Plateaus in Central United States. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	3.4	9
2	Quantifying discrepancies in the three-dimensional seasonal variations between IGS station positions and load models. <i>Journal of Geodesy</i> , 2022, 96, 1.	3.6	6
3	Impact of offsets on assessing the low-frequency stochastic properties of geodetic time series. <i>Journal of Geodesy</i> , 2022, 96, .	3.6	5
4	Influence of Aperiodic Non-Tidal Atmospheric and Oceanic Loading Deformations on the Stochastic Properties of Global GNSS Vertical Land Motion Time Series. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022370.	3.4	18
5	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
6	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
7	Assessment of geocenter motion estimates from the IGS second reprocessing. <i>GPS Solutions</i> , 2020, 24, 1.	4.3	3
8	A warning against over-interpretation of seasonal signals measured by the Global Navigation Satellite System. <i>Nature Communications</i> , 2020, 11, 1375.	12.8	18
9	Review of Reference Frame Representations for a Deformable Earth. <i>International Association of Geodesy Symposia</i> , 2019, , 51-56.	0.4	3
10	Vertical land motion in the Southwest and Central Pacific from available GNSS solutions and implications for relative sea levels. <i>Geophysical Journal International</i> , 2019, 218, 1537-1551.	2.4	17
11	Toward a Global Horizontal and Vertical Elastic Load Deformation Model Derived from GRACE and GNSS Station Position Time Series. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 3225-3237.	3.4	68
12	The International Terrestrial Reference Frame: lessons from ITRF2014. <i>Rendiconti Lincei</i> , 2018, 29, 23-28.	2.2	5
13	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
14	ITRF2014 plate motion model. <i>Geophysical Journal International</i> , 2017, 209, 1906-1912.	2.4	140
15	Seasonal low-degree changes in terrestrial water mass load from global GNSS measurements. <i>Journal of Geodesy</i> , 2017, 91, 1329-1350.	3.6	1
16	GRACE era variability in the Earth's oblateness: a comparison of estimates from six different sources. <i>Geophysical Journal International</i> , 2017, 208, 1126-1138.	2.4	11
17	IGS polar motion measurement accuracy. <i>Geodesy and Geodynamics</i> , 2017, 8, 413-420.	2.2	22
18	The IGS contribution to ITRF2014. <i>Journal of Geodesy</i> , 2016, 90, 611-630.	3.6	180

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19	Multi-technique combination of space geodesy observations: Impact of the Jason-2 satellite on the GPS satellite orbits estimation. <i>Advances in Space Research</i> , 2016, 58, 1376-1389.	2.6	10
20	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
21	Global optimization of GNSS station reference networks. <i>GPS Solutions</i> , 2015, 19, 569-577.	4.3	7
22	A collinearity diagnosis of the GNSS geocenter determination. <i>Journal of Geodesy</i> , 2014, 88, 65-85.	3.6	50
23	Singular spectrum analysis for modeling seasonal signals from GPS time series. <i>Journal of Geodynamics</i> , 2013, 72, 25-35.	1.6	149
24	Subseasonal GNSS positioning errors. <i>Geophysical Research Letters</i> , 2013, 40, 5854-5860.	4.0	53
25	Dependence of IGS Products on the ITRF Datum. <i>International Association of Geodesy Symposia</i> , 2013, , 63-67.	0.4	7
26	Recent Results from the IGS Terrestrial Frame Combinations. <i>International Association of Geodesy Symposia</i> , 2013, , 69-74.	0.4	6
27	IGS08: the IGS realization of ITRF2008. <i>GPS Solutions</i> , 2012, 16, 483-494.	4.3	248