

Yinbin Yao

List of Publications by Year in descending order

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185
papers

3,362
citations

159358

30
h-index

233125

45
g-index

190
all docs

190
docs citations

190
times ranked

1498
citing authors

#	ARTICLE	IF	CITATIONS
1	Establishing a method of short-term rainfall forecasting based on GNSS-derived PWV and its application. <i>Scientific Reports</i> , 2017, 7, 12465.	1.6	100
2	A globally applicable, season-specific model for estimating the weighted mean temperature of the atmosphere. <i>Journal of Geodesy</i> , 2012, 86, 1125-1135.	1.6	94
3	GLONASS pseudorange inter-channel biases and their effects on combined GPS/GLONASS precise point positioning. <i>GPS Solutions</i> , 2013, 17, 439-451.	2.2	87
4	Forecasting Global Ionospheric TEC Using Deep Learning Approach. <i>Space Weather</i> , 2020, 18, e2020SW002501.	1.3	80
5	Geodetic and hydrological measurements reveal the recent acceleration of groundwater depletion in North China Plain. <i>Journal of Hydrology</i> , 2019, 575, 1065-1072.	2.3	79
6	GPS-based PWV for precipitation forecasting and its application to a typhoon event. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 167, 124-133.	0.6	73
7	An Improved Rainfall Forecasting Model Based on GNSS Observations. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020, 58, 4891-4900.	2.7	68
8	GNSS-derived PWV and comparison with radiosonde and ECMWF ERA-Interim data over mainland China. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2019, 182, 85-92.	0.6	61
9	Improved one/multi-parameter models that consider seasonal and geographic variations for estimating weighted mean temperature in ground-based GPS meteorology. <i>Journal of Geodesy</i> , 2014, 88, 273-282.	1.6	60
10	GTm-III: a new global empirical model for mapping zenith wet delays onto precipitable water vapour. <i>Geophysical Journal International</i> , 2014, 197, 202-212.	1.0	57
11	Analysis of ionospheric anomalies before the 2011 M w 9.0 Japan earthquake. <i>Science Bulletin</i> , 2012, 57, 500-510.	1.7	55
12	Evaluation and analysis of real-time precise orbits and clocks products from different IGS analysis centers. <i>Advances in Space Research</i> , 2018, 61, 2942-2954.	1.2	54
13	Analysis of pre-earthquake ionospheric anomalies before the global <i>M</i> = 7.0+ earthquakes in 2010. <i>Natural Hazards and Earth System Sciences</i> , 2012, 12, 575-585.	1.5	52
14	ITG: A New Global GNSS Tropospheric Correction Model. <i>Scientific Reports</i> , 2015, 5, 10273.	1.6	52
15	A Global Model for Estimating Tropospheric Delay and Weighted Mean Temperature Developed with Atmospheric Reanalysis Data from 1979 to 2017. <i>Remote Sensing</i> , 2019, 11, 1893.	1.8	50
16	Short-term rainfall forecast model based on the improved BP<sup>2</sup>-NN algorithm. <i>Scientific Reports</i> , 2019, 9, 19751.	1.6	50
17	Global empirical model for mapping zenith wet delays onto precipitable water. <i>Journal of Geodesy</i> , 2013, 87, 439-448.	1.6	47
18	An ERA5<sup>2</sup>-Based Model for Estimating Tropospheric Delay and Weighted Mean Temperature Over China With Improved Spatiotemporal Resolutions. <i>Earth and Space Science</i> , 2019, 6, 1926-1941.	1.1	46

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19	An improved global zenith tropospheric delay model GZTD2 considering diurnal variations. <i>Nonlinear Processes in Geophysics</i> , 2016, 23, 127-136.	0.6	45
20	A Drought Monitoring Method Based on Precipitable Water Vapor and Precipitation. <i>Journal of Climate</i> , 2020, 33, 10727-10741.	1.2	41
21	An Improved Iterative Algorithm for 3-D Ionospheric Tomography Reconstruction. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014, 52, 4696-4706.	2.7	40
22	Real-time precise point positioning-based zenith tropospheric delay for precipitation forecasting. <i>Scientific Reports</i> , 2018, 8, 7939.	1.6	39
23	Precipitable water vapor fusion based on a generalized regression neural network. <i>Journal of Geodesy</i> , 2021, 95, 1.	1.6	39
24	Maximally Using GPS Observation for Water Vapor Tomography. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016, 54, 7185-7196.	2.7	38
25	Global ionosphere maps based on GNSS, satellite altimetry, radio occultation and DORIS. <i>GPS Solutions</i> , 2017, 21, 639-650.	2.2	38
26	Analysis of the global T _m -T _s correlation and establishment of the latitude-related linear model. <i>Science Bulletin</i> , 2014, 59, 2340-2347.	1.7	36
27	Analysis of the global ionospheric disturbances of the March 2015 great storm. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 12,157.	0.8	36
28	Method for evaluating real-time GNSS satellite clock offset products. <i>GPS Solutions</i> , 2017, 21, 1417-1425.	2.2	36
29	Global ionospheric modeling based on multi-GNSS, satellite altimetry, and Formosat-3/COSMIC data. <i>GPS Solutions</i> , 2018, 22, 1.	2.2	35
30	Modeling regional ionospheric delay with ground-based BeiDou and GPS observations in China. <i>GPS Solutions</i> , 2015, 19, 649-658.	2.2	32
31	A method to improve the utilization of GNSS observation for water vapor tomography. <i>Annales Geophysicae</i> , 2016, 34, 143-152.	0.6	31
32	Hourly Rainfall Forecast Model Using Supervised Learning Algorithm. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-9.	2.7	31
33	Precipitable water vapor fusion: an approach based on spherical cap harmonic analysis and Helmert variance component estimation. <i>Journal of Geodesy</i> , 2019, 93, 2605-2620.	1.6	29
34	A clear link connecting the troposphere and ionosphere: ionospheric responses to the 2015 Typhoon Dujuan. <i>Journal of Geodesy</i> , 2017, 91, 1087-1097.	1.6	28
35	On partial errors-in-variables models with inequality constraints of parameters and variables. <i>Journal of Geodesy</i> , 2015, 89, 111-119.	1.6	27
36	GPS Interferometric Reflectometry Reveals Cyclic Elevation Changes in Thaw and Freezing Seasons in a Permafrost Area (Barrow, Alaska). <i>Geophysical Research Letters</i> , 2018, 45, 5581-5589.	1.5	27

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37	A novel, optimized approach of voxel division for water vapor tomography. <i>Meteorology and Atmospheric Physics</i> , 2017, 129, 57-70.	0.9	26
38	Mapping seasonal impervious surface dynamics in Wuhan urban agglomeration, China from 2000 to 2016. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018, 70, 51-61.	1.4	26
39	Improving the Estimation of Weighted Mean Temperature in China Using Machine Learning Methods. <i>Remote Sensing</i> , 2021, 13, 1016.	1.8	26
40	Application of hybrid regularization method for tomographic reconstruction of midlatitude ionospheric electron density. <i>Advances in Space Research</i> , 2013, 52, 2215-2225.	1.2	25
41	Near-global GPS-derived PWV and its analysis in the El Niño event of 2014–2016. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 179, 69-80.	0.6	25
42	Hourly PWV Dataset Derived from GNSS Observations in China. <i>Sensors</i> , 2020, 20, 231.	2.1	25
43	A new ionospheric tomography model combining pixel-based and function-based models. <i>Advances in Space Research</i> , 2013, 52, 614-621.	1.2	24
44	A New Typhoon-Monitoring Method Using Precipitation Water Vapor. <i>Remote Sensing</i> , 2019, 11, 2845.	1.8	24
45	An improved GNSS tropospheric tomography method with the GPT2w model. <i>GPS Solutions</i> , 2020, 24, 1.	2.2	24
46	An Optimal Tropospheric Tomography Method Based on the Multi-GNSS Observations. <i>Remote Sensing</i> , 2018, 10, 234.	1.8	23
47	A New Method to Accelerate PPP Convergence Time by using a Global Zenith Troposphere Delay Estimate Model. <i>Journal of Navigation</i> , 2014, 67, 899-910.	1.0	22
48	A new troposphere tomography algorithm with a truncation factor model (TFM) for GNSS networks. <i>GPS Solutions</i> , 2019, 23, 1.	2.2	21
49	Geodetic and model data reveal different spatio-temporal patterns of transient mass changes over Greenland from 2007 to 2017. <i>Earth and Planetary Science Letters</i> , 2019, 515, 154-163.	1.8	21
50	Bayesian inference for the Errors-In-Variables model. <i>Studia Geophysica Et Geodaetica</i> , 2017, 61, 35-52.	0.3	20
51	An improved troposphere tomographic approach considering the signals coming from the side face of the tomographic area. <i>Annales Geophysicae</i> , 2017, 35, 87-95.	0.6	20
52	An Improved Tomography Approach Based on Adaptive Smoothing and Ground Meteorological Observations. <i>Remote Sensing</i> , 2017, 9, 886.	1.8	20
53	Plasmaspheric Electron Content Inferred from Residuals between GNSS-Derived and TOPEX/JASON Vertical TEC Data. <i>Remote Sensing</i> , 2018, 10, 621.	1.8	20
54	A new three-dimensional computerized ionospheric tomography model based on a neural network. <i>GPS Solutions</i> , 2021, 25, 1.	2.2	20

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55	GRACE and land surface models reveal severe drought in eastern China in 2019. <i>Journal of Hydrology</i> , 2021, 601, 126640.	2.3	20
56	Potential Seasonal Terrestrial Water Storage Monitoring from GPS Vertical Displacements: A Case Study in the Lower Three-Rivers Headwater Region, China. <i>Sensors</i> , 2016, 16, 1526.	2.1	19
57	Modeling the plasmasphere based on LEO satellites onboard GPS measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1221-1233.	0.8	19
58	Tridimensional reconstruction of the Co-Seismic Ionospheric Disturbance around the time of 2015 Nepal earthquake. <i>Journal of Geodesy</i> , 2018, 92, 1255-1266.	1.6	19
59	GGOS tropospheric delay forecast product performance evaluation and its application in real-time PPP. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 175, 1-17.	0.6	19
60	Establishment of a Real-Time Local Tropospheric Fusion Model. <i>Remote Sensing</i> , 2019, 11, 1321.	1.8	19
61	An improved approach to model regional ionosphere and accelerate convergence for precise point positioning. <i>Advances in Space Research</i> , 2013, 52, 1406-1415.	1.2	18
62	A New GPS SNR-based Combination Approach for Land Surface Snow Depth Monitoring. <i>Scientific Reports</i> , 2019, 9, 3814.	1.6	18
63	Multi-Time Scale Analysis of Regional Aerosol Optical Depth Changes in National-Level Urban Agglomerations in China Using Modis Collection 6.1 Datasets from 2001 to 2017. <i>Remote Sensing</i> , 2019, 11, 201.	1.8	18
64	A New Ionosphere Tomography Algorithm With Two-Grid Virtual Observations Constraints and Three-Dimensional Velocity Profile. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2015, 53, 2373-2383.	2.7	17
65	Enhancing real-time precise point positioning with zenith troposphere delay products and the determination of corresponding tropospheric stochastic models. <i>Geophysical Journal International</i> , 2017, 208, 1217-1230.	1.0	17
66	Transient Variations in Glacial Mass Near Upernavik Isstrøm (West Greenland) Detected by the Combined Use of GPS and GRACE Data. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 10,626.	1.4	17
67	Studies of precipitable water vapour characteristics on a global scale. <i>International Journal of Remote Sensing</i> , 2019, 40, 72-88.	1.3	17
68	Impact of GLONASS pseudorange inter-channel biases on satellite clock corrections. <i>GPS Solutions</i> , 2014, 18, 323-333.	2.2	16
69	On total least squares for quadratic form estimation. <i>Studia Geophysica Et Geodaetica</i> , 2015, 59, 366-379.	0.3	16
70	On the coseismic ionospheric disturbances after the Nepal Mw7.8 earthquake on April 25, 2015 using GNSS observations. <i>Advances in Space Research</i> , 2017, 59, 103-113.	1.2	16
71	Real-Time Global Ionospheric Map and Its Application in Single-Frequency Positioning. <i>Sensors</i> , 2019, 19, 1138.	2.1	16
72	Improved Drought Monitoring Index Using GNSS-Derived Precipitable Water Vapor over the Loess Plateau Area. <i>Sensors</i> , 2019, 19, 5566.	2.1	16

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73	Retrieval of high spatial resolution precipitable water vapor maps using heterogeneous earth observation data. <i>Remote Sensing of Environment</i> , 2022, 278, 113100.	4.6	16
74	Research on global plasmaspheric electron content by using LEO occultation and GPS data. <i>Advances in Space Research</i> , 2015, 55, 2248-2255.	1.2	15
75	Temporal and Spatial Ionospheric Variations of 20 April 2013 Earthquake in Yaan, China. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015, 12, 2242-2246.	1.4	15
76	A modified three-dimensional ionospheric tomography algorithm with side rays. <i>GPS Solutions</i> , 2018, 22, 1.	2.2	15
77	An Improved Iterative Algorithm for Ionospheric Tomography Reconstruction by Using the Automatic Search Technology of Relaxation Factor. <i>Radio Science</i> , 2018, 53, 1051-1066.	0.8	15
78	Hybrid precipitable water vapor fusion model in China. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2020, 208, 105387.	0.6	15
79	A Refined Regional Model for Estimating Pressure, Temperature, and Water Vapor Pressure for Geodetic Applications in China. <i>Remote Sensing</i> , 2020, 12, 1713.	1.8	15
80	An optimal tropospheric tomography approach with the support of an auxiliary area. <i>Annales Geophysicae</i> , 2018, 36, 1037-1046.	0.6	14
81	Accuracy and reliability of tropospheric wet refractivity tomography with GPS, BDS, and GLONASS observations. <i>Advances in Space Research</i> , 2019, 63, 2836-2847.	1.2	14
82	Multi-scale ionosphere responses to the May 2017 magnetic storm over the Asian sector. <i>GPS Solutions</i> , 2020, 24, 1.	2.2	14
83	Anomaly Variation of Vegetation and Its Influencing Factors in Mainland China During ENSO Period. <i>IEEE Access</i> , 2020, 8, 721-734.	2.6	14
84	An improved constrained simultaneous iterative reconstruction technique for ionospheric tomography. <i>GPS Solutions</i> , 2020, 24, 1.	2.2	14
85	Interannual ice mass variations over the Antarctic ice sheet from 2003 to 2017 were linked to El Niño-Southern Oscillation. <i>Earth and Planetary Science Letters</i> , 2021, 560, 116796.	1.8	14
86	Editing arcs to improve the capacity of GNSS-IR for soil moisture retrieval in undulating terrains. <i>GPS Solutions</i> , 2022, 26, 1.	2.2	14
87	Establishment and Evaluation of a New Meteorological Observation-Based Grid Model for Estimating Zenith Wet Delay in Ground-Based Global Navigation Satellite System (GNSS). <i>Remote Sensing</i> , 2018, 10, 1718.	1.8	13
88	Ingestion of GIM-derived TEC data for updating IRI-2016 driven by effective IG indices over the European region. <i>Journal of Geodesy</i> , 2019, 93, 1911-1930.	1.6	13
89	Evidence of Mid- and Low-Latitude Nighttime Ionospheric $E \sim F_2$ Coupling: Coordinated Observations of Sporadic E Layers, F_2 -Region Field-Aligned Irregularities, and Medium-Scale Traveling Ionospheric Disturbances. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019, 57, 7547-7557.	2.7	13
90	A new method for vertical stratification of zenith tropospheric delay. <i>Advances in Space Research</i> , 2019, 63, 2857-2866.	1.2	13

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91	3D Tomographic Reconstruction of SED Plume During 17 March 2013 Storm. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028257.	0.8	13
92	Improved GPT2w (IGPT2w) model for site specific zenith tropospheric delay estimation in China. Journal of Atmospheric and Solar-Terrestrial Physics, 2020, 198, 105202.	0.6	13
93	Improving the estimate of the secular variation of Greenland ice mass in the recent decades by incorporating a stochastic process. Earth and Planetary Science Letters, 2020, 549, 116518.	1.8	12
94	A new LS+AR model with additional error correction for polar motion forecast. Science China Earth Sciences, 2013, 56, 818-828.	2.3	11
95	Tomographic reconstruction of ionospheric electron density during the storm of 5-6 August 2011 using multi-source data. Scientific Reports, 2015, 5, 13042.	1.6	11
96	A new computerized ionosphere tomography model using the mapping function and an application to the study of seismic-ionosphere disturbance. Journal of Geodesy, 2016, 90, 741-755.	1.6	11
97	Improved method to estimate undifferenced satellite fractional cycle biases using network observations to support PPP ambiguity resolution. GPS Solutions, 2017, 21, 1369-1378.	2.2	11
98	A new weighted mean temperature model in China. Advances in Space Research, 2018, 61, 402-412.	1.2	11
99	Troposphere Water Vapour Tomography: A Horizontal Parameterised Approach. Remote Sensing, 2018, 10, 1241.	1.8	11
100	Preliminary result of capturing the signature of heavy rainfall events using the 2-d-/4-d water vapour information derived from GNSS measurement in Hong Kong. Advances in Space Research, 2020, 66, 1537-1550.	1.2	11
101	A Novel ENSO Monitoring Method using Precipitable Water Vapor and Temperature in Southeast China. Remote Sensing, 2020, 12, 649.	1.8	11
102	A novel method of retrieving potential ET in China. Journal of Hydrology, 2021, 598, 126271.	2.3	11
103	FY-3A/MERSI precipitable water vapor reconstruction and calibration using multi-source observation data based on a generalized regression neural network. Atmospheric Research, 2022, 265, 105893.	1.8	11
104	Reconstructing the data gap between GRACE and GRACE follow-on at the basin scale using artificial neural network. Science of the Total Environment, 2022, 823, 153770.	3.9	11
105	Geodetic measurements reveal short-term changes of glacial mass near Jakobshavn Isbr� (Greenland) from 2007 to 2017. Earth and Planetary Science Letters, 2018, 503, 216-226.	1.8	10
106	A New GNSS-Derived Water Vapor Tomography Method Based on Optimized Voxel for Large GNSS Network. Remote Sensing, 2020, 12, 2306.	1.8	10
107	Development of Global Tropospheric Empirical Correction Model with High Temporal Resolution. Remote Sensing, 2020, 12, 721.	1.8	10
108	Regional GNSS-Derived SPCI: Verification and Improvement in Yunnan, China. Remote Sensing, 2021, 13, 1918.	1.8	10

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109	A global empirical model for mapping zenith wet delays onto precipitable water vapor using GGOS Atmosphere data. <i>Science China Earth Sciences</i> , 2015, 58, 1361-1369.	2.3	9
110	Large-scale traveling ionospheric disturbances using ionospheric imaging at storm time: A case study on 17 march 2013. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2016, 145, 12-20.	0.6	9
111	A global empirical model for estimating zenith tropospheric delay. <i>Science China Earth Sciences</i> , 2016, 59, 118-128.	2.3	9
112	GLONASS inter-frequency phase bias rate estimation by single-epoch or Kalman filter algorithm. <i>GPS Solutions</i> , 2017, 21, 1871-1882.	2.2	9
113	Analysis of Ionospheric Disturbances Caused by the 2018 Bering Sea Meteor Explosion Based on GPS Observations. <i>Sensors</i> , 2020, 20, 3201.	2.1	9
114	High temporal resolution global PWV dataset of 2005–2016 by using a neural network approach to determine the mean temperature of the atmosphere. <i>Advances in Space Research</i> , 2021, 67, 3087-3097.	1.2	9
115	Ordered Subsets-Constrained ART Algorithm for Ionospheric Tomography by Combining VTEC Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 7051-7061.	2.7	9
116	Bridging the data gap between GRACE and GRACE-FO using artificial neural network in Greenland. <i>Journal of Hydrology</i> , 2022, 608, 127614.	2.3	9
117	An Improved MODIS NIR PWV Retrieval Algorithm Based on an Artificial Neural Network Considering the Land-Cover Types. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-12.	2.7	9
118	Clinical investigation on application of water swallowing to MR esophagography. <i>European Journal of Radiology</i> , 2012, 81, 1980-1985.	1.2	8
119	Temporal and spatial variations in ionospheric electron density profiles over South Africa during strong magnetic storms. <i>Natural Hazards and Earth System Sciences</i> , 2013, 13, 375-384.	1.5	8
120	A method of undifferenced ambiguity resolution for GPS+GLONASS precise point positioning. <i>Scientific Reports</i> , 2016, 6, 26334.	1.6	8
121	Contribution of solar radiation and geomagnetic activity to global structure of 27-day variation of ionosphere. <i>Journal of Geodesy</i> , 2017, 91, 1299-1311.	1.6	8
122	An empirical zenith wet delay correction model using piecewise height functions. <i>Annales Geophysicae</i> , 2018, 36, 1507-1519.	0.6	8
123	Extending a model for water vapor sounding by ground-based GNSS in the vertical direction. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 179, 358-366.	0.6	8
124	Reconstruction of 2D/3D ionospheric disturbances in high-latitude and arctic regions during a geomagnetic storm using GNSS carrier TEC: a case study of the 2015 great storm. <i>Journal of Geodesy</i> , 2019, 93, 1529-1541.	1.6	8
125	A Regional Model for Predicting Tropospheric Delay and Weighted Mean Temperature in China Based on GRAPES_MESO Forecasting Products. <i>Remote Sensing</i> , 2021, 13, 2644.	1.8	8
126	Analysis of precipitable water vapor and surface temperature variation over Qinghai-Tibetan Plateau from 1979 to 2014. <i>Chinese Science Bulletin</i> , 2016, 61, 1462-1477.	0.4	8

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127	Two-Step Precipitable Water Vapor Fusion Method. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-10.	2.7	8
128	Jointly using the GLDAS 2.2 model and GRACE to study the severe Yangtze flooding of 2020. Journal of Hydrology, 2022, 610, 127927.	2.3	8
129	PPP Sliding Window Algorithm and Its Application in Deformation Monitoring. Scientific Reports, 2016, 6, 26497.	1.6	7
130	Atmosphere tomography method considering the weighting of input information. Annales Geophysicae, 2017, 35, 1327-1340.	0.6	7
131	An analytical approach to evaluate point cloud registration error utilizing targets. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 143, 48-56.	4.9	7
132	An Updated Experimental Model of IGW Indices Over the Antarctic Region via the Assimilation of IRI2016 With GNSS TEC. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 1700-1717.	2.7	7
133	Conventional and neural network-based water vapor density model for GNSS troposphere tomography. GPS Solutions, 2022, 26, 1.	2.2	7
134	An improved pixel-based water vapor tomography model. Annales Geophysicae, 2019, 37, 89-100.	0.6	6
135	Study on the plasmaspheric Weddell Sea Anomaly based on COSMIC onboard GPS measurements. Journal of Atmospheric and Solar-Terrestrial Physics, 2019, 192, 104923.	0.6	6
136	Retrieval of a High-Precision Drought Monitoring Index by Using GNSS-Derived ZTD and Temperature. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 8730-8743.	2.3	6
137	Accuracy Analysis of International Reference Ionosphere 2016 and NeQuick2 in the Antarctic. Sensors, 2021, 21, 1551.	2.1	6
138	Characterization of High-Frequency UHF Wave Signatures in GPS TEC Data. Geophysical Research Letters, 2021, 48, e2021GL094282.	1.5	6
139	Adaptive Aerosol Optical Depth Forecasting Model Using GNSS Observation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-9.	2.7	6
140	Improving the accuracy and spatial resolution of precipitable water vapor dataset using a neural network-based downscaling method. Atmospheric Environment, 2022, 269, 118850.	1.9	6
141	Precipitable water vapor fusion method based on artificial neural network. Advances in Space Research, 2022, 70, 85-95.	1.2	6
142	A two-step ionospheric modeling algorithm considering the impact of GLONASS pseudo-range inter-channel biases. Journal of Geodesy, 2017, 91, 1435-1446.	1.6	5
143	Development and Assessment of the Atmospheric Pressure Vertical Correction Model With ERA-Interim and Radiosonde Data. Earth and Space Science, 2018, 5, 777-789.	1.1	5
144	A new datum jump detection and mitigation method of Real-Time Service (RTS) clock products. GPS Solutions, 2019, 23, 1.	2.2	5

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145	The realization and evaluation of mixed GPS/BDS PPP ambiguity resolution. <i>Journal of Geodesy</i> , 2019, 93, 1283-1295.	1.6	5
146	Three-dimensional reconstruction of seismo-traveling ionospheric disturbances after March 11, 2011, Japan Tohoku earthquake. <i>Journal of Geodesy</i> , 2021, 95, 1.	1.6	5
147	A novel ENSO monitoring index and its potential for drought application. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2021, 225, 105762.	0.6	5
148	A novel ionospheric mapping function modeling at regional scale using empirical orthogonal functions and GNSS data. <i>Journal of Geodesy</i> , 2022, 96, 1.	1.6	5
149	Study of the 2013 Lushan M7.0 earthquake coseismic ionospheric disturbances. <i>Advances in Space Research</i> , 2014, 54, 2194-2199.	1.2	4
150	Comparisons between the WRF data assimilation and the GNSS tomography technique in retrieving 3-D wet refractivity fields in Hong Kong. <i>Annales Geophysicae</i> , 2019, 37, 25-36.	0.6	4
151	A Refined Tomographic Window for GNSS-Derived Water Vapor Tomography. <i>Remote Sensing</i> , 2020, 12, 2999.	1.8	4
152	GNSS-Based Statistical Analysis of Ionospheric Anomalies During Typhoon Landings in Taiwan/Japan. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 5272-5279.	2.7	4
153	Near Real-Time Global Ionospheric Modeling Based on an Adaptive Kalman Filter State Error Covariance Matrix Determination Method. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-12.	2.7	4
154	Recent trends in precipitation over the Myanmar Coast during onset and withdrawal phases of monsoon season. <i>Theoretical and Applied Climatology</i> , 2021, 145, 363-376.	1.3	4
155	Adaptive AOD Forecast Model Based on GNSS-Derived PWV and Meteorological Parameters. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-10.	2.7	4
156	GWMT Global Atmospheric Weighted Mean Temperature Models: Development and Refinement. <i>Lecture Notes in Electrical Engineering</i> , 2013, , 487-500.	0.3	4
157	Transformer-Based Global Zenith Tropospheric Delay Forecasting Model. <i>Remote Sensing</i> , 2022, 14, 3335.	1.8	4
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