Shuanggen Jin

List of Publications by Year
in descending order

382	6,771	50244	102432
papers	citations	46	66
		h-index	g-index

410	410	410	3791
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Near Real-Time Soil Moisture in China Retrieved From CyGNSS Reflectivity. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	13
2	Seismo-ionospheric anomalies before the 2019 Mirpur earthquake from ionosonde measurements. Advances in Space Research, 2022, 69, 26-34.	1.2	9
3	A Novel GNSS Single-Frequency PPP Approach to Estimate the Ionospheric TEC and Satellite Pseudorange Observable-Specific Signal Bias. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	2.7	6
4	An improved methodology for quantifying pixel-scale entrance pupil irradiance of a Moon-based Earth radiation observatory. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 183, 389-402.	4.9	3
5	Seismicity modulation by external stress perturbations in plate boundary vs. stable plate interior. Geoscience Frontiers, 2022, 13, 101352.	4.3	5
6	Spatiotemporal Analysis for COVID-19 Delta Variant Using GIS-Based Air Parameter and Spatial Modeling. International Journal of Environmental Research and Public Health, 2022, 19, 1614.	1.2	8
7	Remote Sensing Systems for Ocean: A Review (Part 2: Active Systems). IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 1421-1453.	2.3	6
8	Undifferenced Kinematic Precise Orbit Determination of Swarm and GRACE-FO Satellites from GNSS Observations. Sensors, 2022, 22, 1071.	2.1	3
9	Remote Sensing Systems for Ocean: A Review (Part 1: Passive Systems). IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 210-234.	2.3	10
10	Multi-View Urban Scene Classification with a Complementary-Information Learning Model. Photogrammetric Engineering and Remote Sensing, 2022, 88, 65-72.	0.3	5
11	Co-Seismic Ionospheric Disturbances Following the 2016 West Sumatra and 2018 Palu Earthquakes from GPS and GLONASS Measurements. Remote Sensing, 2022, 14, 401.	1.8	8
12	Variation Characteristics of Multi-Channel Differential Code Biases from New BDS-3 Signal Observations. Remote Sensing, 2022, 14, 594.	1.8	1
13	Unravelling the multilevel and multi-dimensional impacts of building and tree on surface urban heat islands. Energy and Buildings, 2022, 259, 111843.	3.1	5
14	Multi-GNSS Precise Point Positioning with UWB Tightly Coupled Integration. Sensors, 2022, 22, 2232.	2.1	6
15	Low-Latitude Ionospheric Responses and Coupling to the February 2014 Multiphase Geomagnetic Storm from GNSS, Magnetometers, and Space Weather Data. Atmosphere, 2022, 13, 518.	1.0	10
16	Soil Moisture Retrieval from the CyGNSS Data Based on a Bilinear Regression. Remote Sensing, 2022, 14, 1961.	1.8	5
17	Assessment of the Seafloor Topography Accuracy in the Emperor Seamount Chain by Ship-Based Water Depth Data and Satellite-Based Gravity Data. Sensors, 2022, 22, 3189.	2.1	1
18	GNSS carrier phase time-variant observable-specific signal bias (OSB) handling: an absolute bias perspective in multi-frequency PPP. GPS Solutions, 2022, 26, .	2.2	10

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19	A Novel Method to Estimate Multi-GNSS Differential Code Bias without Using Ionospheric Function Model and Global Ionosphere Map. Remote Sensing, 2022, 14, 2002.	1.8	3
20	Thermospheric density responses to Martian dust storm in autumn based on MAVEN data. Geodesy and Geodynamics, 2022, , .	1.0	0
21	Moho depth and crustal density structure in the Tibetan Plateau from gravity data modelling. Journal of Asian Earth Sciences, 2022, 233, 105261.	1.0	4
22	An Effective Land Type Labeling Approach for Independently Exploiting High-Resolution Soil Moisture Products Based on CYGNSS Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 4234-4247.	2.3	2
23	Determination of tropical belt widening using multiple GNSS radio occultation measurements. Annales Geophysicae, 2022, 40, 359-377.	0.6	4
24	Long-Time Variation and Mechanism of Surface Energy Budget Over Diverse Geographical Regions in Pakistan. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 5203-5213.	2.3	2
25	Mapping and Evaluation of the 2020 Catastrophic Floods in the Yangtze River Basin Using Sentinel-1 Imagery. , 2022, , .		0
26	Significant Wave Height Estimation from CYGNSS Delay-doppler Map Average Observations. , 2022, , .		4
27	Effect of Ephemeris on Pulsar Timing and Navigation Accuracy Based on X-ray Pulsar Navigation-I Data. Universe, 2022, 8, 360.	0.9	1
28	Multi-Category Segmentation of Sentinel-2 Images Based on the Swin UNet Method. Remote Sensing, 2022, 14, 3382.	1.8	15
29	Calibration and Validation of CYGNSS Reflectivity through Wetlands' and Deserts' Dielectric Permittivity. Remote Sensing, 2022, 14, 3262.	1.8	3
30	A mean shift segmentation morphological filter for airborne LiDAR DTM extraction under forest canopy. Optics and Laser Technology, 2021, 136, 106728.	2.2	20
31	Estimation of QZSS differential code biases using QZSS/GPS combined observations from MGEX. Advances in Space Research, 2021, 67, 1049-1057.	1.2	1
32	Horizontal Internal Gravity Waves in the Mars Upper Atmosphere From MAVEN ACC and NGIMS Measurements. Journal of Geophysical Research: Space Physics, 2021, 126, .	0.8	7
33	Short-Term Landslide Displacement Detection Based on GNSS Real-Time Kinematic Positioning. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-14.	2.4	12
34	Individual Tree Extraction from Terrestrial LiDAR Point Clouds Based on Transfer Learning and Gaussian Mixture Model Separation. Remote Sensing, 2021, 13, 223.	1.8	11
35	Elastic Least-Squares Reverse-Time Migration Based on a Modified Acoustic-Elastic Coupled Equation for OBS Four-Component Data. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 9772-9782.	2.7	13
36	Slip Rates and Seismic Potential Along Main Faults in the Eastern Mediterranean and Caucasus from dense GPS Observations and Seismic Data. Pure and Applied Geophysics, 2021, 178, 39-54.	0.8	2

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37	Observational Evidence and Formation Mechanism of Low‐Density Cells in the Upper Thermosphere on September 8, 2017. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028915.	0.8	2
38	Analytical performance and validations of the Galileo five-frequency precise point positioning models. Measurement: Journal of the International Measurement Confederation, 2021, 172, 108890.	2.5	14
39	Long-Term Variations of Plasmaspheric Total Electron Content from Topside GPS Observations on LEO Satellites. Remote Sensing, 2021, 13, 545.	1.8	14
40	Empirical Modeling of Thermospheric Nitric Oxide Radiance Based on SABER Observations. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028287.	0.8	1
41	Improved stochastic modeling of multi-GNSS single point positioning with additional BDS-3 observations. Measurement Science and Technology, 2021, 32, 045105.	1.4	1
42	Evaluation of the Land GNSS-Reflected DDM Coherence on Soil Moisture Estimation from CYGNSS Data. Remote Sensing, 2021, 13, 570.	1.8	24
43	Ionospheric VTEC and satellite DCB estimated from single-frequency BDS observations with multi-layer mapping function. GPS Solutions, 2021, 25, 1.	2.2	26
44	A new method to estimate GPS satellite and receiver differential code biases using a network of LEO satellites. GPS Solutions, 2021, 25, 1.	2.2	8
45	High-Precision GNSS PWV and Its Variation Characteristics in China Based on Individual Station Meteorological Data. Remote Sensing, 2021, 13, 1296.	1.8	17
46	Upper‐Atmosphere Mass Density Variations From CASSIOPE Precise Orbits. Space Weather, 2021, 19, e2020SW002645.	1.3	5
47	Bistatic scattering simulations of circular and linear polarizations over land surface for signals of opportunity reflectometry. Geoscience Letters, 2021, 8, .	1.3	7
48	Separate and combined impacts of building and tree on urban thermal environment from two- and three-dimensional perspectives. Building and Environment, 2021, 194, 107650.	3.0	38
49	Water Quality Variability and Related Factors along the Yangtze River Using Landsat-8. Remote Sensing, 2021, 13, 2241.	1.8	22
50	Estimation and analysis of GNSS receiver differential code bias in Southeast Asia using a new method. IOP Conference Series: Earth and Environmental Science, 2021, 799, 012023.	0.2	1
51	Spatial–Temporal Variations of Total Nitrogen and Phosphorus in Poyang, Dongting and Taihu Lakes from Landsat-8 Data. Water (Switzerland), 2021, 13, 1704.	1.2	30
52	A New Method to Determine the Optimal Thin Layer Ionospheric Height and Its Application in the Polar Regions. Remote Sensing, 2021, 13, 2458.	1.8	4
53	Prior Position- and ZWD-Constrained PPP for Instantaneous Convergence in Real-Time Kinematic Application. Remote Sensing, 2021, 13, 2756.	1.8	2
54	Optimal sampling strategy of water quality monitoring at high dynamic lakes: A remote sensing and spatial simulated annealing integrated approach. Science of the Total Environment, 2021, 777, 146113.	3.9	18

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55	Improving CyGNSS-Based Land Remote Sensing: Track-Wise Data Calibration Schemes. Remote Sensing, 2021, 13, 2844.	1.8	2
56	Automatic methods for gas absorption calculation based on correlated k-distribution. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 270, 107697.	1.1	5
57	Wood and leaf separation from terrestrial LiDAR point clouds based on mode points evolution. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 178, 219-239.	4.9	17
58	Thermospheric Mass Density Disturbances Due to Magnetospheric Forcing From 2014–2020 CASSIOPE Precise Orbits. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029540.	0.8	5
59	Significant Wave Height Estimation from Joint CYGNSS DDMA and LES Observations. Sensors, 2021, 21, 6123.	2.1	6
60	Characterization of Irreversible Land Subsidence in the Yazd–Ardakan Plain, Iran From 2003 to 2020 InSAR Time Series. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB022258.	1.4	16
61	Two‐Azimuth Co‐Seismic Ionospheric Disturbances Following the 2020 Jamaica Earthquake From GPS Observations. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028995.	0.8	3
62	Reduction of surface radiative forcing observed from remote sensing data during global COVID-19 lockdown. Atmospheric Research, 2021, 261, 105729.	1.8	6
63	Temporal-Spatial Soil Moisture Estimation from CYGNSS Using Machine Learning Regression With a Preclassification Approach. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 4879-4893.	2.3	28
64	Spatio-Temporal Trends of Surface Energy Budget in Tibet from Satellite Remote Sensing Observations and Reanalysis Data. Remote Sensing, 2021, 13, 256.	1.8	16
65	Spatio-Temporal Variations and Driving Forces of Harmful Algal Blooms in Chaohu Lake: A Multi-Source Remote Sensing Approach. Remote Sensing, 2021, 13, 427.	1.8	38
66	Spaceborne GNSS-R Soil Moisture Retrieval: Status, Development Opportunities, and Challenges. Remote Sensing, 2021, 13, 45.	1.8	16
67	Cygnss Soil Moisture Estimation Using Machine Learning Regression. , 2021, , .		3
68	Stand-Alone Retrievals of Soil Moisture and Vegetation Opacity Using the CyGNSS Data. , 2021, , .		0
69	The Effect of Spatial Resolution and Temporal Sampling Schemes on the Measurement Error for a Moon-Based Earth Radiation Observatory. Remote Sensing, 2021, 13, 4432.	1.8	2
70	A Schematic of Track-wisely Calibrating CyGNSS Data. , 2021, , .		0
71	Land surface temperature variability over various land covers in Punjab (Pakistan) from MODIS data. , 2021, , .		1
72	Built-up Areas Mapping from Luojia 1-01 Nighttime Light Imagery with Considering Observation Number. , 2021, , .		0

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73	The Sensitivity Analysis on GNSS-R Soil Moisture Retrieval. , 2021, , .		1
74	Evaluation of Finding Point Method for Fengyun-4A Satellite Infrared Longwave Remote Sensing. , 2021, , .		0
75	Water Level Variation in Qinghai Lake from Global Ecosystem Dynamics Investigation (GEDI) Altimetry Data. , 2021, , .		1
76	Evaluation of Water Level Estimation in the Upper Yangtze River from ICESat-2 Data. , 2021, , .		3
77	Three Dual-Frequency Precise Point Positioning Models for the Ionospheric Modeling and Satellite Pseudorange Observable-Specific Signal Bias Estimation. Remote Sensing, 2021, 13, 5093.	1.8	3
78	Evapotranspiration variations in the Yangtze River Basin from multi-satellite remote sensing data. Journal of Water and Climate Change, 2020, 11, 451-467.	1.2	0
79	Magnetic Field and Electron Density Anomalies from Swarm Satellites Preceding the Major Earthquakes of the 2016â€"2017 Amatrice-Norcia (Central Italy) Seismic Sequence. Pure and Applied Geophysics, 2020, 177, 305-319.	0.8	31
80	3-D Gravity Anomaly Inversion Based on Improved Guided Fuzzy C-Means Clustering Algorithm. Pure and Applied Geophysics, 2020, 177, 1005-1027.	0.8	5
81	Possible Lithosphere-Atmosphere-Ionosphere Coupling effects prior to the 2018 Mwâ€‰=â€‰7.5 Indonesia earthquake from seismic, atmospheric and ionospheric data. Journal of Asian Earth Sciences, 2020, 188, 104097.	1.0	57
82	Determination of the isostatic and gravity Moho in the East China Sea and its implications. Journal of Asian Earth Sciences, 2020, 187, 104098.	1.0	13
83	Estimation and Analysis of BDS-3 Differential Code Biases from MGEX Observations. Remote Sensing, 2020, 12, 68.	1.8	22
84	Multiparameter Elastic Full Waveform Inversion of Ocean Bottom Seismic Four-Component Data Based on A Modified Acoustic-Elastic Coupled Equation. Remote Sensing, 2020, 12, 2816.	1.8	10
85	Characterization of the Upper Atmosphere from Neutral and Electron Density Observations. International Association of Geodesy Symposia, 2020, , 1.	0.2	1
86	Assessment of new thermospheric mass density model using NRLMSISE-00 model, GRACE, Swarm-C, and APOD observations. Journal of Atmospheric and Solar-Terrestrial Physics, 2020, 199, 105207.	0.6	10
87	Vertical Deflections and Gravity Disturbances Derived from HY-2A Data. Remote Sensing, 2020, 12, 2287.	1.8	15
88	High-Precision Single-Photon Laser Time Transfer with Temperature Drift Post-Compensation. Sensors, 2020, 20, 6655.	2.1	2
89	Modeling and Theoretical Analysis of GNSS-R Soil Moisture Retrieval Based on the Random Forest and Support Vector Machine Learning Approach. Remote Sensing, 2020, 12, 3679.	1.8	29
90	Ionospheric Responses to the June 2015 Geomagnetic Storm from Ground and LEO GNSS Observations. Remote Sensing, 2020, 12, 2200.	1.8	8

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91	Rapid Flood Mapping and Evaluation with a Supervised Classifier and Change Detection in Shouguang Using Sentinel-1 SAR and Sentinel-2 Optical Data. Remote Sensing, 2020, 12, 2073.	1.8	55
92	First Measurement of Soil Freeze/Thaw Cycles in the Tibetan Plateau Using CYGNSS GNSS-R Data. Remote Sensing, 2020, 12, 2361.	1.8	24
93	A GNSS-based near real time automatic Earth Crust and Atmosphere Monitoring Service for Turkey. Advances in Space Research, 2020, 66, 2854-2864.	1.2	7
94	Prediction of shear wave velocity based on a statistical rock-physics model and Bayesian theory. Journal of Petroleum Science and Engineering, 2020, 195, 107710.	2.1	10
95	Effects of the High-Order Ionospheric Delay on GPS-Based Tropospheric Parameter Estimations in Turkey. Remote Sensing, 2020, 12, 3569.	1.8	2
96	Models and Theoretical Analysis of SoOp Circular Polarization Bistatic Scattering for Random Rough Surface. Remote Sensing, 2020, 12, 1506.	1.8	10
97	Real-Time Seismic Waveforms Estimation of the 2019 MW = 6.4 and Mw = 7.1 California Earthquakes With High-Rate Multi-GNSS Observations. IEEE Access, 2020, 8, 85411-85420.	2.6	2
98	Complex Mare Deposits Revealed by CE-2 CELMS Data in Mare Nubium. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 2475-2484.	2.3	6
99	Estimation of GPS Differential Code Biases Based on Independent Reference Station and Recursive Filter. Remote Sensing, 2020, 12, 951.	1.8	7
100	GNSS-Reflectometry and Remote Sensing of Soil Moisture: A Review of Measurement Techniques, Methods, and Applications. Remote Sensing, 2020, 12, 614.	1.8	47
101	Pan-tropical soil moisture mapping based on a three-layer model from CYGNSS GNSS-R data. Remote Sensing of Environment, 2020, 247, 111944.	4.6	95
102	Evaluation of the Ocean Surface Wind Speed Change following the Super Typhoon from Space-Borne GNSS-Reflectometry. Remote Sensing, 2020, 12, 2034.	1.8	6
103	Roles of horizontal and vertical tree canopy structure in mitigating daytime and nighttime urban heat island effects. International Journal of Applied Earth Observation and Geoinformation, 2020, 89, 102060.	1.4	24
104	Traveling Ionospheric Disturbances Characteristics during the 2018 Typhoon Maria from GPS Observations. Remote Sensing, 2020, 12, 746.	1.8	10
105	Soil Moisture Content from GNSS Reflectometry Using Dielectric Permittivity from Fresnel Reflection Coefficients. Remote Sensing, 2020, 12, 122.	1.8	48
106	Global Mean Sea Surface Height Estimated from Spaceborne Cyclone-GNSS Reflectometry. Remote Sensing, 2020, 12, 356.	1.8	10
107	Assessment of multi-frequency global navigation satellite system precise point positioning models using GPS, BeiDou, GLONASS, Galileo and QZSS. Measurement Science and Technology, 2020, 31, 064008.	1.4	30
108	Effects of Interferometric Radar Altimeter Errors on Marine Gravity Field Inversion. Sensors, 2020, 20, 2465.	2.1	12

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110	Co-Seismic Magnetic Field Perturbations Detected by Swarm Three-Satellite Constellation. Remote Sensing, 2020, 12, 1166.	1.8	12
111	New Modes and Mechanisms of Long‐Term Ionospheric TEC Variations From Global Ionosphere Maps. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027703.	0.8	12
112	Object-Based Wetland Classification Using Multi-Feature Combination of Ultra-High Spatial Resolution Multispectral Images. Canadian Journal of Remote Sensing, 2020, 46, 784-802.	1.1	10
113	PPP models and performances from single- to quad-frequency BDS observations. Satellite Navigation, 2020, 1, .	4.6	88
114	Epoch-by-epoch estimation and analysis of BeiDou Navigation Satellite System (BDS) receiver differential code biases with the additional BDS-3 observations. Annales Geophysicae, 2020, 38, 1115-1122.	0.6	2
115	A full-polarization GNSS-R Delay-Doppler-Map (DDM) simulator for bare soil freeze/thaw process detection. Geoscience Letters, 2020, 7, .	1.3	5
116	Sensitivity of CYGNSS-derived soil moisture to global precipitation. , 2020, , .		0
117	Global Soil Moisture Estimation Using CYGNSS Data. , 2020, , .		1
118	Sensitivity analysis of gravity anomalies and vertical gravity gradient data for bathymetry inversion. Marine Geophysical Researches, 2019, 40, 87-96.	0.5	19
119	Hydrological mass variations in the Nile River Basin from GRACE and hydrological models. Geodesy and Geodynamics, 2019, 10, 430-438.	1.0	13
120	The Second-Order Derivative of GPS Carrier Phase as a Promising Means for Ionospheric Scintillation Research. Pure and Applied Geophysics, 2019, 176, 4555-4573.	0.8	11
121	GNSS-R Soil Moisture Retrieval Based on a XGboost Machine Learning Aided Method: Performance and Validation. Remote Sensing, 2019, 11, 1655.	1.8	67
122	Seasonal Variations and Global Wave Distributions in the Mars Thermosphere From MAVEN and Multisatellites Accelerometer‐Derived Mass Densities. Journal of Geophysical Research: Space Physics, 2019, 124, 9315-9334.	0.8	12
123	Effects of Coulomb stress change on M≥6 earthquakes in the Caucasus region. Physics of the Earth and Planetary Interiors, 2019, 297, 106326.	0.7	4
124	An Active Learning Method for DEM Extraction From Airborne LiDAR Point Clouds. IEEE Access, 2019, 7, 89366-89378.	2.6	17
125	Atmospheric Sounding from Fengyun-3C GPS Radio Occultation Observations: First Results and Validation. Advances in Meteorology, 2019, 2019, 1-13.	0.6	13
126	Hydrologic Mass Changes and Their Implications in Mediterranean-Climate Turkey from GRACE Measurements. Remote Sensing, 2019, 11, 120.	1.8	20

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127	Winter Weather Regimes in Southeastern China and its Intraseasonal Variations. Atmosphere, 2019, 10, 271.	1.0	6
128	Triple-frequency carrier phase precise time and frequency transfer models for BDS-3. GPS Solutions, 2019, 23, 1.	2.2	37
129	Co-seismic displacement and waveforms of the 2018 Alaska earthquake from high-rate GPS PPP velocity estimation. Journal of Geodesy, 2019, 93, 1559-1569.	1.6	21
130	Seismic Lower Atmospheric Anomalies. , 2019, , 93-108.		0
131	A Simulation Study of GNSS-R Polarimetric Scattering from the Bare Soil Surface Based on the AIEM. Advances in Meteorology, 2019, 2019, 1-9.	0.6	3
132	Variability of temperature and ozone in the upper troposphere and lower stratosphere from multi-satellite observations and reanalysis data. Atmospheric Chemistry and Physics, 2019, 19, 6659-6679.	1.9	50
133	Seismo-ionospheric Rayleigh Waves. , 2019, , 167-194.		0
134	Pre-seismic Ionospheric Anomalies. , 2019, , 109-128.		0
135	Volcano Atmospheric Disturbances. , 2019, , 247-267.		0
136	Volcanic Plumes Detection from GNSS SNR. , 2019, , 269-291.		0
137	Summary and Prospective. , 2019, , 295-309.		0
138	Atmospheric Changes and Observations. , 2019, , 15-29.		0
139	GNSS Tropospheric Sounding. , 2019, , 31-45.		0
140	Detection Methods for Ionospheric Disturbances. , 2019, , 75-89.		0
141	Co-/Post-seismic Ionospheric Disturbances. , 2019, , 129-148.		0
142	Two-Mode Seismo-ionospheric Disturbances. , 2019, , 149-165.		0
143	A methodology for simple 2-D inundation analysis in urban area using SWMM and GIS. Natural Hazards, 2019, 97, 15-43.	1.6	18
144	Seismo ionospheric anomalies before the 2007 M7.7 Chile earthquake from GPS TEC and DEMETER. Journal of Geodynamics, 2019, 127, 42-51.	0.7	36

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145	Selenophysical parameter inversion in the Lunar Southern Hemisphere Highland based on mutant particle swarm optimization. Physics of the Earth and Planetary Interiors, 2019, 292, 55-66.	0.7	3
146	Water Storage Variations in Tibet from GRACE, ICESat, and Hydrological Data. Remote Sensing, 2019, 11, 1103.	1.8	20
147	Ionospheric Rayleigh Wave Disturbances Following the 2018 Alaska Earthquake from GPS Observations. Remote Sensing, 2019, 11, 901.	1.8	16
148	Anomalous seismo-LAI variations potentially associated with the 2017 Mwâ€=â€7.3 Sarpol-e Zahab (Iran) earthquake from Swarm satellites, GPS-TEC and climatological data. Advances in Space Research, 2019, 64, 143-158.	1.2	43
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150	Evaluation of Ionospheric Delay Effects on Multi-GNSS Positioning Performance. Remote Sensing, 2019, 11, 171.	1.8	63
151	Cycle Slip Detection during High Ionospheric Activities Based on Combined Triple-Frequency GNSS Signals. Remote Sensing, 2019, 11, 250.	1.8	13
152	Significant Wave Height Estimation from Space-Borne Cyclone-GNSS Reflectometry. Remote Sensing, 2019, 11, 584.	1.8	24
153	Progresses On GNSS-R/IR Land Surface Scattering Models. , 2019, , .		0
154	Impacts of Tropospheric Delays on Multi-GNSS PPP from Empirical and Numerical Weather Models. , 2019, , .		0
155	Soil Moisture Retrieval in Southeast China from Spaceborne GNSS-R Measurements. , 2019, , .		2
156	A Model of Entrance Pupil Irradiance Estimation of the Multi-pixel Sensor on a Moon-based Earth Radiation Observatory. , 2019, , .		1
157	Water Level and Morphological Changes of Wetlands in the Poyang Lake Using Sentinel-1 Data. , 2019, , .		1
158	Plasmaspheric TEC Correction for Ionospheric Occultation Inversion. , 2019, , .		0
159	Fusion of Multispectral Image and Airborne LiDAR Data for the Classification of Urban Area with Rotation Forest. , 2019, , .		0
160	Solar cycle, seasonal, and asymmetric dependencies of thermospheric mass density disturbances due to magnetospheric forcing. Annales Geophysicae, 2019, 37, 989-1003.	0.6	9
161	Snow Depth Estimation on Slopes Using GPS-Interferometric Reflectometry. Sensors, 2019, 19, 4994.	2.1	10
162	Evaluation of Spaceborne GNSS-R Retrieved Ocean Surface Wind Speed with Multiple Datasets. Remote Sensing, 2019, 11, 2747.	1.8	13

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163	IS Soil Salinity Detectable by GNSS-R/IR?. , 2019, , .		1
164	Insight into the preparation of the 2016 MS6.4 Menyuan earthquake from terrestrial gravimetry-derived crustal density changes. Scientific Reports, 2019, 9, 18227.	1.6	8
165	A New Understanding about Mare Basalts in Moscoviense Basin Demonstrated by CE-2 Celms Data. , 2019, , .		0
166	Wetland Monitoring With GNSS-R/IR: Theoretical Simulations with First-Order Radiative Transfer Equation Model. , 2019, , .		0
167	A Neural Network–Based Ionospheric Model Over Africa From Constellation Observing System for Meteorology, Ionosphere, and Climate and Ground Global Positioning System Observations. Journal of Geophysical Research: Space Physics, 2019, 124, 10512-10532.	0.8	40
168	Automatic DTM extraction from airborne LiDAR based on expectation-maximization. Optics and Laser Technology, 2019, 112, 43-55.	2.2	30
169	Distinct thermospheric mass density variations following the September 2017 geomagnetic storm from GRACE and Swarm. Journal of Atmospheric and Solar-Terrestrial Physics, 2019, 184, 30-36.	0.6	17
170	Pre-seismic ionospheric anomalies of the 2013 Mw=7.7 Pakistan earthquake from GPS and COSMIC observations. Geodesy and Geodynamics, 2018, 9, 378-387.	1.0	34
171	Assessment of the NeQuick-2 and IRI-Plas 2017 models using global and long-term GNSS measurements. Journal of Atmospheric and Solar-Terrestrial Physics, 2018, 170, 1-10.	0.6	60
172	New tracking modes and performance for Mars spacecraft orbit determination and lander positioning. Planetary and Space Science, 2018, 163, 5-13.	0.9	5
173	Thermospheric Variations From GNSS and Accelerometer Measurements on Small Satellites. Proceedings of the IEEE, 2018, 106, 484-495.	16.4	13
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179	High-Order Ionospheric Effects on 3-D GPS Coordinate Estimation in Turkey. , 2018, , .		0
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