Xiaoqing Pi

List of Publications by Year
in descending order

23 papers	1,659 citations	516561 16 h-index	839398 18 g-index
26 all docs	26 docs citations	26 times ranked	1212 citing authors

#	Article	IF	Citations
1	Range Geolocation Accuracy of C-/L-Band SAR and its Implications for Operational Stack Coregistration. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-19.	2.7	18
2	Challenges in Specifying and Predicting Space Weather. Space Weather, 2021, 19, e2019SW002404.	1.3	4
3	Polar Topside TEC Enhancement Revealed by Jasonâ€2 Measurements. Earth and Space Science, 2021, 8, e2020EA001429.	1.1	1
4	Effects of Ionospheric Scintillation on GNSS-Based Positioning. Navigation, Journal of the Institute of Navigation, 2017, 64, 3-22.	1.7	31
5	Space weather forecasting with a Multimodel Ensemble Prediction System (MEPS). Radio Science, 2016, 51, 1157-1165.	0.8	26
6	Ionospheric Effects on Spaceborne Synthetic Aperture Radar and a New Capability of Imaging the Ionosphere From Space. Space Weather, 2015, 13, 737-741.	1.3	22
7	Ensemble Modeling with Data Assimilation Models: A New Strategy for Space Weather Specifications, Forecasts, and Science. Space Weather, 2014, 12, 123-126.	1.3	26
8	Ionosar - collaborative research towards understanding and mitigating ionospheric effects in SAR. , 2012, , .		1
9	Imaging ionospheric inhomogeneities using spaceborne synthetic aperture radar. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	57
10	Techniques and tools for estimating ionospheric effects in interferometric and polarimetric SAR data. , 2011, , .		9
11	JPL/USC GAIM: On the impact of using COSMIC and groundâ€based GPS measurements to estimate ionospheric parameters. Journal of Geophysical Research, 2010, 115, .	3.3	58
12	Assimilative Modeling of Ionospheric Disturbances with FORMOSAT-3/COSMIC and Ground-Based GPS Measurements. Terrestrial, Atmospheric and Oceanic Sciences, 2009, 20, 273.	0.3	27
13	A performance evaluation of the operational Jet Propulsion Laboratory/University of Southern California Global Assimilation Ionospheric Model (JPL/USC GAIM). Journal of Geophysical Research, 2005, 110, .	3.3	51
14	Data assimilation of ground GPS total electron content into a physics-based ionospheric model by use of the Kalman filter. Radio Science, 2004, 39, n/a-n/a.	0.8	92
15	Development of the Global Assimilative Ionospheric Model. Radio Science, 2004, 39, n/a-n/a.	0.8	118
16	Estimation ofEÃ—Bdrift using a global assimilative ionospheric model: An observation system simulation experiment. Journal of Geophysical Research, 2003, 108, .	3.3	74
17	Ionospheric effects on SAR imaging: a numerical study. IEEE Transactions on Geoscience and Remote Sensing, 2003, 41, 939-947.	2.7	71
18	COSMIC GPS Ionospheric Sensing and Space Weather. Terrestrial, Atmospheric and Oceanic Sciences, 2000, 11, 235.	0.3	139

#	Article	IF	Citations
19	Automated daily process for global ionospheric total electron content maps and satellite ocean altimeter ionospheric calibration based on Global Positioning System data. Journal of Atmospheric and Solar-Terrestrial Physics, 1999, 61, 1205-1218.	0.6	134
20	Monitoring of global ionospheric irregularities using the Worldwide GPS Network. Geophysical Research Letters, 1997, 24, 2283-2286.	1.5	692
21	Assimilative modeling of low latitude ionosphere. , 0, , .		0
22	An adjoint method based approach to data assimilation for a distributed parameter model for the ionosphere. , 0, , .		8
23	New lightningâ€derived vertical total electron content data provides unique global ionospheric measurements. Space Weather, 0, , .	1.3	0