Tian Jin

List of Publications by Year
in descending order

22 papers	172 citations	1163117 8 h-index	1125743 13 g-index
22 all docs	22 docs citations	22 times ranked	158 citing authors

#	Article	IF	Citations
1	An Improved Time-Frequency Analysis Method in Interference Detection for GNSS Receivers. Sensors, 2015, 15, 9404-9426.	3.8	30
2	Accuracy assessment of single and double difference models for the single epoch GPS compass. Advances in Space Research, 2012, 49, 725-738.	2.6	27
3	Statistical approach to weak signal detection and estimation using Duffing chaotic oscillators. Science China Information Sciences, 2011, 54, 2324-2337.	4.3	15
4	Stability analysis of GPS carrier tracking loops by phase margin approach. GPS Solutions, 2013, 17, 423-431.	4.3	15
5	A New Reassigned Spectrogram Method in Interference Detection for GNSS Receivers. Sensors, 2015, 15, 22167-22191.	3.8	13
6	An Adaptive INS-Aided PLL Tracking Method for GNSS Receivers in Harsh Environments. Sensors, 2016, 16, 146.	3.8	9
7	A state-constrained tracking approach for Kalman filter-based ultra-tightly coupled GPS/INS integration. GPS Solutions, 2019, 23, 1.	4.3	9
8	Massive terminal positioning system with snapshot positioning technique. GPS Solutions, 2019, 23, 1.	4.3	9
9	Multiâ€correlation strategies fusion acquisition method for high data rate global navigation satellite system signals. IET Signal Processing, 2015, 9, 623-630.	1.5	8
10	Double differentially coherent pseudorandom noise code acquisition method for codeâ€division multipleâ€access system. IET Signal Processing, 2013, 7, 587-597.	1.5	7
11	Software Defined Radio GNSS Receiver Design over Single DSP Platform. , 2008, , .		5
12	Survey of Cycle Slip Detection & Correction Techniques for Single Frequency Receivers. , 2018, , .		5
13	Optimal Solution to Multi-Frequency BDS Code-Multipath Combination Measurement. Journal of Navigation, 2019, 72, 1297-1314.	1.7	5
14	Analysis of a federal Kalman filter-based tracking loop for GPS signals. GPS Solutions, 2019, 23, 1.	4.3	3
15	Differential Kalman Filter Design for GNSS Open Loop Tracking. Remote Sensing, 2020, 12, 812.	4.0	3
16	Navigation Signal Acquisition Method Based on Multiple DBZP Fusion. Lecture Notes in Electrical Engineering, 2014, , 47-58.	0.4	3
17	Timeâ€domain Approach to the Performance Analysis of GPS Phase Locked Loop. Chinese Journal of Electronics, 2017, 26, 385-391.	1.5	2
18	Frequency-Locked Detector Threshold Setting Criteria Based on Mean-Time-To-Lose-Lock (MTLL) for GPS Receivers. Sensors, 2017, 17, 2808.	3.8	2

#	Article	IF	Citations
19	Effective frequency selection algorithm for bandpass sampling of multiband RF signals based on Relative Frequency Interval. , 2010, , .		1
20	Novel Gyroscopic Mounting for Crystal Oscillators to Increase Short and Medium Term Stability under Highly Dynamic Conditions. Sensors, 2015, 15, 14261-14285.	3.8	1
21	GNSS Signal Tracking Performance Improvement for Highly Dynamic Receivers by Gyroscopic Mounting Crystal Oscillator. Sensors, 2015, 15, 21673-21695.	3.8	0
22	Design of a Differential Vector Phase Locked Loop for Single Frequency RTK Receivers. , 2018, , .		0