

Changdon Kee

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Probabilistic Determination Algorithm for Detumbling and Angular Rate Convergence using a Three-Axis Magnetometer. Transactions of the Japan Society for Aeronautical and Space Sciences, 2022, 65, 76-83.	0.7	0
2	One-way deep indoor positioning system for conventional GNSS receiver using paired transmitters. Navigation, Journal of the Institute of Navigation, 2021, 68, 601-619.	2.8	2
3	A Low-Cost, High-Precision Vehicle Navigation System for Deep Urban Multipath Environment Using TDCP Measurements. Sensors, 2020, 20, 3254.	3.8	17
4	In-Orbit Results and Attitude Analysis of the SNUGLITE Cube-Satellite. Applied Sciences (Switzerland), 2020, 10, 2507.	2.5	7
5	A New Method to Improve the Detection of Co-Seismic Ionospheric Disturbances using Sequential Measurement Combination. Sensors, 2019, 19, 2948.	3.8	1
6	Performance Improvement of Time-Differenced Carrier Phase Measurement-Based Integrated GPS/INS Considering Noise Correlation. Sensors, 2019, 19, 3084.	3.8	12
7	Improving the Accuracy of Regional Ionospheric Mapping with Double-Difference Carrier Phase Measurement. Remote Sensing, 2019, 11, 1849.	4.0	3
8	Spoofing Attack Results Determination in Code Domain Using a Spoofing Process Equation. Sensors, 2019, 19, 293.	3.8	4
9	Enhancement of GPS/INS Navigation System Observability Using a Triaxial Magnetometer. Transactions of the Japan Society for Aeronautical and Space Sciences, 2019, 62, 125-136.	0.7	7
10	Optimal GNSS Signal Tracking Loop Design Based on Plant Modeling. International Journal of Aeronautical and Space Sciences, 2019, 20, 525-536.	2.0	1
11	Covariance Analysis of Real-Time Precise GPS Orbit Estimated from Double-Differenced Carrier Phase Observations. Remote Sensing, 2019, 11, 2271.	4.0	1
12	Single station-based precise positioning system: Multiple antenna arrangement for instantaneous ambiguity resolution. Navigation, Journal of the Institute of Navigation, 2019, 66, 747-768.	2.8	5
13	Improving performance of GPS satellite DCB estimation for regional GPS networks using long-term stability. GPS Solutions, 2018, 22, 1.	4.3	3
14	A New Algorithm for High-Integrity Detection and Compensation of Dual-Frequency Cycle Slip under Severe Ionospheric Storm Conditions. Sensors, 2018, 18, 3654.	3.8	7
15	Accuracy Improvement of DGPS for Low-Cost Single-Frequency Receiver Using Modified Flächen Korrektur Parameter Correction. ISPRS International Journal of Geo-Information, 2017, 6, 222.	2.9	34
16	Optimal Divergence-Free Hatch Filter for GNSS Single-Frequency Measurement. Sensors, 2017, 17, 448.	3.8	23
17	Position Accuracy Improvement by Implementing the DGNSS-CP Algorithm in Smartphones. Sensors, 2016, 16, 910.	3.8	62
18	Motion Recognition based 3D Pedestrian Navigation System using Smartphone. IEEE Sensors Journal, 2016, , 1-1.	4.7	48

#	ARTICLE	IF	CITATIONS
19	Optimal Selection of an Inertial Sensor for Cycle Slip Detection Considering Single-frequency RTK/INS Integrated Navigation. Transactions of the Japan Society for Aeronautical and Space Sciences, 2016, 59, 205-217.	0.7	8
20	Comparative Analysis of Height-Related Multiple Correction Interpolation Methods with Constraints for Network RTK in Mountainous Areas. Journal of Navigation, 2016, 69, 991-1010.	1.7	10
21	GPS Cycle Slip Detection Considering Satellite Geometry Based on TDCP/INS Integrated Navigation. Sensors, 2015, 15, 25336-25365.	3.8	24
22	Attitude estimation method for small UAV under accelerative environment. GPS Solutions, 2015, 19, 343-355.	4.3	29
23	A Pseudolite-Based Positioning System for Legacy GNSS Receivers. Sensors, 2014, 14, 6104-6123.	3.8	33
24	GPS Satellite State Vector Determination in ECI Coordinate System using the Civil Navigation Message. Journal of Navigation, 2014, 67, 1-16.	1.7	8
25	The study of error sources for MOSAIC/DME system: A single station based positioning system for APNT. , 2014, , .		5
26	Hybrid Model-Based Motion Recognition for Smartphone Users. ETRI Journal, 2014, 36, 1016-1022.	2.0	6
27	Optimal signal tracking algorithm for GNSS signal using moving set-point LQG system. International Journal of Control, Automation and Systems, 2013, 11, 1214-1222.	2.7	5
28	DGPS Enhancement to GPS NMEA Output Data: DGPS by Correction Projection to Position-Domain. Journal of Navigation, 2013, 66, 249-264.	1.7	24
29	Analysis of GNSS Signal Acquisition Methods for the Bit-Transition Problem for a Single Code Period. Transactions of the Japan Society for Aeronautical and Space Sciences, 2013, 56, 31-41.	0.7	3
30	A closed-form method for the attitude determination using GNSS Doppler measurements. International Journal of Control, Automation and Systems, 2011, 9, 701-708.	2.7	8
31	The Compact Network RTK Method: An Effective Solution to Reduce GNSS Temporal and Spatial Decorrelation Error. Journal of Navigation, 2010, 63, 343-362.	1.7	25
32	Implementation of a Vector-based Tracking Loop Receiver in a Pseudolite Navigation System. Sensors, 2010, 10, 6324-6346.	3.8	23
33	Verification of a Real-Time Attitude Determination Algorithm through Development of 48-Channel GPS Attitude Receiver Hardware. Journal of Navigation, 2009, 62, 397-410.	1.7	3
34	Extending Operational Area of Pseudolite Using Long Integration Time and Data-less Pseudolites. Transactions of the Japan Society for Aeronautical and Space Sciences, 2009, 52, 59-64.	0.7	2
35	Optimal Hatch Filter with an Adaptive Smoothing Window Width. Journal of Navigation, 2008, 61, 435-454.	1.7	27
36	The development of modularized post processing GPS software receiving platform. , 2008, , .		7

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37	A Particle Filter Approach to DGNSS Integrity Monitoring "Consideration of Non-Gaussian Error Distribution". Transactions of the Japan Society for Aeronautical and Space Sciences, 2008, 50, 231-239.	0.7	0
38	A new GNSS signal acquisition algorithm based on cross-correlation sequence with reduced signal-receiving time. , 2007, , .		1
39	Fully automatic taxiing, takeoff and landing of a UAV using a single-antenna GPS receiver only. , 2007, , .		21
40	Flight Test of Attitude Determination System using Multiple GPS Antennae. Journal of Navigation, 2006, 59, 119-133.	1.7	16
41	RRC unnecessary for DGPS messages. IEEE Transactions on Aerospace and Electronic Systems, 2006, 42, 1149-1160.	4.7	24
42	Performance Analysis of Wide Area Differential GPS (Wadgps) in East-Asia. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 1998, 31, 311-316.	0.4	1
43	Quality Control Algorithms on WAAS Wide-Area Reference Stations. Navigation, Journal of the Institute of Navigation, 1997, 44, 53-62.	2.8	18
44	Comparison of Master Station and User Algorithms for Wide-Area Augmentation System. Journal of Guidance, Control, and Dynamics, 1997, 20, 170-176.	2.8	4
45	Wide Area Differential GPS. Navigation, Journal of the Institute of Navigation, 1991, 38, 123-145.	2.8	57