

Jinling Wang

List of Publications by Year in descending order

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169
papers

5,065
citations

81434

41
h-index

120465

65
g-index

172
all docs

172
docs citations

172
times ranked

2971
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of the Ionospheric Scintillation Radio Propagation Characteristics with Cosmic Observations. Remote Sensing, 2022, 14, 578.	1.8	3
2	Mitigation of multipath and NLOS with stochastic modeling for ground-based indoor positioning. GPS Solutions, 2022, 26, 1.	2.2	6
3	Ionospheric Response During the Tropical Cyclone Debbie Passing Over Eastern Australia in 2017. Radio Science, 2022, 57, .	0.8	1
4	Neural Network-Based Models for Estimating Weighted Mean Temperature in China and Adjacent Areas. Atmosphere, 2021, 12, 169.	1.0	13
5	Indoor precise point positioning with pseudolites using estimated time biases iPPP and iPPP-RTK. GPS Solutions, 2021, 25, 1.	2.2	13
6	SBAS DFMC service for road transport: positioning and integrity monitoring with a new weighting model. Journal of Geodesy, 2021, 95, 1.	1.6	6
7	Vulnerabilities and integrity of precise point positioning for intelligent transport systems: overview and analysis. Satellite Navigation, 2021, 2, .	4.6	60
8	A real-time cycle slip repair method using the multi-epoch geometry-based model. GPS Solutions, 2021, 25, 1.	2.2	10
9	Enhanced Neural Network Model for Worldwide Estimation of Weighted Mean Temperature. Remote Sensing, 2021, 13, 2405.	1.8	4
10	Study of the Spatiotemporal Characteristics of the Equatorial Ionization Anomaly Using Shipborne Multi-GNSS Data: A Case Analysis (120°E–150°E, Western Pacific Ocean, 2014–2015). Remote Sensing, 2021, 13, 3051.	1.8	1
11	Micro Aerial Vehicle Navigation with Visual-Inertial Integration Aided by Structured Light. Journal of Navigation, 2020, 73, 16-36.	1.0	8
12	Linearized In-Motion Alignment for a Low-Cost INS. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 1917-1925.	2.6	8
13	High Definition Map for Automated Driving: Overview and Analysis. Journal of Navigation, 2020, 73, 324-341.	1.0	130
14	Terrain Matching by Fusing HOG With Zernike Moments. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 1290-1300.	2.6	4
15	Studying the ionospheric responses induced by a geomagnetic storm in September 2017 with multiple observations in America. GPS Solutions, 2020, 24, 1.	2.2	19
16	Feasibility of using an S-band GNSS carrier by comparing with L and C bands. Advances in Space Research, 2020, 66, 2232-2244.	1.2	2
17	Adaptive Federated IMM Filter for AUV Integrated Navigation Systems. Sensors, 2020, 20, 6806.	2.1	13
18	Integrity Monitoring for Horizontal RTK Positioning: New Weighting Model and Overbounding CDF in Open-Sky and Suburban Scenarios. Remote Sensing, 2020, 12, 1173.	1.8	12

#	ARTICLE	IF	CITATIONS
19	A Study on the Characteristics of the Ionospheric Gradient under Geomagnetic Perturbations. Sensors, 2020, 20, 1805.	2.1	5
20	Adaptive UT-H _∞ Filter for SINS [™] Transfer Alignment Under Uncertain Disturbances. IEEE Access, 2020, 8, 69774-69787.	2.6	4
21	Efficient Terrain Matching With 3-D Zernike Moments. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 226-235.	2.6	8
22	Mean acquisition time analysis for GNSS parallel and hybrid search strategies. GPS Solutions, 2019, 23, 1.	2.2	8
23	Impact of terrain factors on the matching performance of terrain-aided navigation. Navigation, Journal of the Institute of Navigation, 2019, 66, 451-462.	1.7	7
24	Global Ionospheric Model Accuracy Analysis Using Shipborne Kinematic GPS Data in the Arctic Circle. Remote Sensing, 2019, 11, 2062.	1.8	5
25	Characteristics and coupling mechanism of GPS ionospheric scintillation responses to the tropical cyclones in Australia. GPS Solutions, 2019, 23, 1.	2.2	14
26	Indoor non-line-of-sight and multipath detection using deep learning approach. GPS Solutions, 2019, 23, 1.	2.2	28
27	On the detectability of mis-modeled biases in the network-derived positioning corrections and their user impact. GPS Solutions, 2019, 23, 1.	2.2	7
28	Analyzing Ionosphere TEC and ROTI Responses on 2010 August High Speed Solar Winds. IEEE Access, 2019, 7, 29788-29804.	2.6	8
29	An Improved Adaptive Compensation H _∞ Filtering Method for the SINS [™] Transfer Alignment Under a Complex Dynamic Environment. Sensors, 2019, 19, 401.	2.1	6
30	Adaptive Compensation H _∞ Filter with Convergence Criterion for SINS [™] Transfer Alignment. , 2019, , .		0
31	Precise point positioning for ground-based navigation systems without accurate time synchronization. GPS Solutions, 2018, 22, 1.	2.2	39
32	Augment BeiDou real-time precise point positioning using ECMWF data. Earth, Planets and Space, 2018, 70, .	0.9	6
33	Measurements and Accuracy Evaluation of a Strapdown Marine Gravimeter Based on Inertial Navigation. Sensors, 2018, 18, 3902.	2.1	12
34	New characteristics of weighted GDOP in multi-GNSS positioning. GPS Solutions, 2018, 22, 1.	2.2	15
35	Morphological characteristics and coupling mechanism of the ionospheric disturbance caused by Super Typhoon Sarika in 2016. Advances in Space Research, 2018, 62, 1137-1145.	1.2	11
36	Enhancing reliability of seismo-ionospheric anomaly detection with the linear correlation between total electron content and the solar activity index F10.7: Nepal earthquake 2015. Journal of Geodynamics, 2018, 121, 88-95.	0.7	7

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37	Optimal, Recursive and Sub-Optimal Linear Solutions to Attitude Determination from Vector Observations for GNSS/Accelerometer/Magnetometer Orientation Measurement. Remote Sensing, 2018, 10, 377.	1.8	15
38	Studying Ionosphere Responses to a Geomagnetic Storm in June 2015 with Multi-Constellation Observations. Remote Sensing, 2018, 10, 666.	1.8	25
39	A Low-Ambiguity Signal Waveform for Pseudolite Positioning Systems Based on Chirp. Sensors, 2018, 18, 1326.	2.1	6
40	A New Method of High-Precision Positioning for an Indoor Pseudolite without Using the Known Point Initialization. Sensors, 2018, 18, 1977.	2.1	20
41	Real-time Terrain Matching Based on 3D Zernike Moments. Journal of Navigation, 2018, 71, 1441-1459.	1.0	4
42	Assessment of precise orbit and clock products for Galileo, BeiDou, and QZSS from IGS Multi-GNSS Experiment (MGEX). GPS Solutions, 2017, 21, 279-290.	2.2	147
43	Reliable partial ambiguity resolution for single-frequency GPS/BDS and INS integration. GPS Solutions, 2017, 21, 251-264.	2.2	44
44	The contribution of Multi-GNSS Experiment (MGEX) to precise point positioning. Advances in Space Research, 2017, 59, 2714-2725.	1.2	59
45	New Environmental Line Feature-based Vision Navigation: Design and Analysis. Journal of Navigation, 2017, 70, 1133-1152.	1.0	1
46	Study of ionospheric scintillation characteristics in Australia with GNSS during 2011–2015. Advances in Space Research, 2017, 59, 2909-2922.	1.2	13
47	Performance analysis and design of the optimal frequency-assisted phase tracking loop. GPS Solutions, 2017, 21, 759-768.	2.2	7
48	Statistical analysis and quality control for GPS fractional cycle bias and integer recovery clock estimation with raw and combined observation models. Advances in Space Research, 2017, 60, 2648-2659.	1.2	24
49	An alternative approach to calculate the posterior probability of GNSS integer ambiguity resolution. Journal of Geodesy, 2017, 91, 295-305.	1.6	6
50	High definition map-based vehicle localization for highly automated driving: Geometric analysis. , 2017, , ,		24
51	Analysis of Ionospheric Scintillation Characteristics in Sub-Antarctica Region with GNSS Data at Macquarie Island. Sensors, 2017, 17, 137.	2.1	11
52	A New Method for Single-Epoch Ambiguity Resolution with Indoor Pseudolite Positioning. Sensors, 2017, 17, 921.	2.1	27
53	Study of GNSS Loss of Lock Characteristics under Ionosphere Scintillation with GNSS Data at Weipa (Australia) During Solar Maximum Phase. Sensors, 2017, 17, 2205.	2.1	16
54	A Geometric Correspondence Feature Based-Mismatch Removal in Vision Based-Mapping and Navigation. Photogrammetric Engineering and Remote Sensing, 2017, 83, 693-704.	0.3	1

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55	A New Continuous Rotation IMU Alignment Algorithm Based on Stochastic Modeling for Cost Effective North-Finding Applications. <i>Sensors</i> , 2016, 16, 2113.	2.1	3
56	A Unified Global Reference Frame of Vertical Crustal Movements by Satellite Laser Ranging. <i>Sensors</i> , 2016, 16, 225.	2.1	3
57	Some Remarks on PDOP and TDOP for Multi-GNSS Constellations. <i>Journal of Navigation</i> , 2016, 69, 145-155.	1.0	15
58	A New Approach to Calculate the Horizontal Protection Level. <i>Journal of Navigation</i> , 2016, 69, 57-74.	1.0	13
59	Reliability and Separability Analysis of Integrated GPS/BDS System. <i>Lecture Notes in Electrical Engineering</i> , 2016, , 165-175.	0.3	0
60	Mobile mapping with ubiquitous point clouds. <i>Geo-Spatial Information Science</i> , 2016, 19, 169-170.	2.4	5
61	Geometric analysis of reality-based indoor 3D mapping. <i>The Journal of Global Positioning Systems</i> , 2016, 14, .	1.6	2
62	Rapid Mapping Method Based on Free Blocks of Surveys. <i>Journal of Applied Geodesy</i> , 2016, 10, 131-138.	0.6	1
63	Modeling and assessment of triple-frequency BDS precise point positioning. <i>Journal of Geodesy</i> , 2016, 90, 1223-1235.	1.6	108
64	A closed-form formula to calculate geometric dilution of precision (GDOP) for multi-GNSS constellations. <i>GPS Solutions</i> , 2016, 20, 331-339.	2.2	30
65	Mathematical minimum of Geometric Dilution of Precision (GDOP) for dual-GNSS constellations. <i>Advances in Space Research</i> , 2016, 57, 183-188.	1.2	14
66	BeiDou Compatible Indoor Positioning System Architecture Design and Test Evaluation. <i>Lecture Notes in Electrical Engineering</i> , 2016, , 399-411.	0.3	2
67	Evaluating PPP Ambiguity Resolution Methods with Ionosphere-Free and Raw GPS Observation Models. <i>Lecture Notes in Electrical Engineering</i> , 2016, , 529-539.	0.3	3
68	Vision-Aided RAIM: A New Method for GPS Integrity Monitoring in Approach and Landing Phase. <i>Sensors</i> , 2015, 15, 22854-22873.	2.1	25
69	Minimum of Geometric Dilution of Precision (GDOP) for five satellites with dual-GNSS constellations. <i>Advances in Space Research</i> , 2015, 56, 229-236.	1.2	22
70	Timing group delay and differential code bias corrections for BeiDou positioning. <i>Journal of Geodesy</i> , 2015, 89, 427-445.	1.6	100
71	Performance Analysis of Fault Detection and Identification for Multiple Faults in GNSS and GNSS/INS Integration. <i>Journal of Applied Geodesy</i> , 2015, 9, .	0.6	11
72	High-order attitude compensation in coning and rotation coexisting environment. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2015, 51, 1178-1190.	2.6	54

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73	Performance Analysis on Carrier Phase-Based Tightly-Coupled GPS/BDS/INS Integration in GNSS Degraded and Denied Environments. <i>Sensors</i> , 2015, 15, 8685-8711.	2.1	60
74	High-Precision Simulator for Strapdown Inertial Navigation Systems Based on Real Dynamics from GNSS and IMU Integration. <i>Lecture Notes in Electrical Engineering</i> , 2015, , 789-799.	0.3	15
75	Enhanced RTK Integer Ambiguity Resolution with BeiDou Triple-Frequency Observations. <i>Lecture Notes in Electrical Engineering</i> , 2015, , 227-238.	0.3	1
76	Magnetic Sensors for Navigation Applications: An Overview. <i>Journal of Navigation</i> , 2014, 67, 263-275.	1.0	49
77	Experimental Investigations on Airborne Gravimetry Based on Compressed Sensing. <i>Sensors</i> , 2014, 14, 5426-5440.	2.1	0
78	The Inertial Attitude Augmentation for Ambiguity Resolution in SF/SE-GNSS Attitude Determination. <i>Sensors</i> , 2014, 14, 11395-11415.	2.1	9
79	Comparison of multiple fault detection methods for monocular visual navigation with 3D maps. , 2014, , .		0
80	A New Technique for INS/GNSS Attitude and Parameter Estimation Using Online Optimization. <i>IEEE Transactions on Signal Processing</i> , 2014, 62, 2642-2655.	3.2	76
81	A-RAIM and R-RAIM Performance using the Classic and MHSS Methods. <i>Journal of Navigation</i> , 2014, 67, 49-61.	1.0	7
82	A New Approach to Calculate the Vertical Protection Level in A-RAIM. <i>Journal of Navigation</i> , 2014, 67, 711-725.	1.0	16
83	New Characteristics of Geometric Dilution of Precision (GDOP) for Multi-GNSS Constellations. <i>Journal of Navigation</i> , 2014, 67, 1018-1028.	1.0	37
84	A novel backtracking navigation scheme for Autonomous Underwater Vehicles. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014, 47, 496-504.	2.5	64
85	Analysis of the upper bounds for the integer ambiguity validation statistics. <i>GPS Solutions</i> , 2014, 18, 85-94.	2.2	19
86	Modeling and quality control for reliable precise point positioning integer ambiguity resolution with GNSS modernization. <i>GPS Solutions</i> , 2014, 18, 429-442.	2.2	54
87	Image matching techniques for vision-based indoor navigation systems: a 3D map-based approach ¹ . <i>Journal of Location Based Services</i> , 2014, 8, 3-17.	1.4	7
88	Stochastic Modelling and Estimation of Inertial Sensors. <i>Lecture Notes in Electrical Engineering</i> , 2014, , 499-510.	0.3	1
89	Error Analysis of Classical Strapdown Velocity Integration Algorithms Under Maneuvers. <i>Journal of Guidance, Control, and Dynamics</i> , 2013, 36, 332-337.	1.6	6
90	VirtuaLites: Aided Single Epoch GPS Integer Ambiguity Resolution for Agricultural Land Vehicle Applications. <i>Journal of Applied Geodesy</i> , 2013, 7, .	0.6	0

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91	Advanced receiver autonomous integrity monitoring (ARAIM) schemes with GNSS time offsets. <i>Advances in Space Research</i> , 2013, 52, 52-61.	1.2	17
92	Theoretical Upper Bound and Lower Bound for Integer Aperture Estimation Fail-Rate and Practical Implications. <i>Journal of Navigation</i> , 2013, 66, 321-333.	1.0	4
93	A Novel Scheme for DVL-Aided SINS In-Motion Alignment Using UKF Techniques. <i>Sensors</i> , 2013, 13, 1046-1063.	2.1	80
94	Outlier separability analysis with a multiple alternative hypotheses test. <i>Journal of Geodesy</i> , 2013, 87, 591-604.	1.6	118
95	Seamless Positioning and Navigation by Using Geo-Referenced Images and Multi-Sensor Data. <i>Sensors</i> , 2013, 13, 9047-9069.	2.1	17
96	A New Curb Detection Method for Unmanned Ground Vehicles Using 2D Sequential Laser Data. <i>Sensors</i> , 2013, 13, 1102-1120.	2.1	41
97	A Novel INS and Doppler Sensors Calibration Method for Long Range Underwater Vehicle Navigation. <i>Sensors</i> , 2013, 13, 14583-14600.	2.1	53
98	Rate-Gyro-Integral Constraint for Ambiguity Resolution in GNSS Attitude Determination Applications. <i>Sensors</i> , 2013, 13, 7979-7999.	2.1	15
99	Effective Adaptive Kalman Filter for MEMS-IMU/Magnetometers Integrated Attitude and Heading Reference Systems. <i>Journal of Navigation</i> , 2013, 66, 99-113.	1.0	171
100	A Fast SINS Initial Alignment Scheme for Underwater Vehicle Applications. <i>Journal of Navigation</i> , 2013, 66, 181-198.	1.0	90
101	Observability Analysis of a Matrix Kalman Filter-Based Navigation System Using Visual/Inertial/Magnetic Sensors. <i>Sensors</i> , 2012, 12, 8877-8894.	2.1	16
102	Some remarks on GNSS integer ambiguity validation methods. <i>Survey Review</i> , 2012, 44, 230-238.	0.7	19
103	Multi-image matching for 3D mapping in vision-based navigation applications. , 2012, , .		0
104	Analysis of ambiguity resolution in precise pseudolite positioning. , 2012, , .		4
105	Image matching techniques for vision-based indoor navigation systems: performance analysis for 3D map based approach. , 2012, , .		6
106	Integrated GPS/INS navigation system with dual-rate Kalman Filter. <i>GPS Solutions</i> , 2012, 16, 389-404.	2.2	74
107	Autonomous broadcast ephemeris improvement for GNSS using inter-satellite ranging measurements. <i>Advances in Space Research</i> , 2012, 49, 1034-1044.	1.2	30
108	New Outlier Separability Test and Its Application in GNSS Positioning. <i>The Journal of Global Positioning Systems</i> , 2012, 11, 46-57.	1.6	23

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109	Correlation Analysis for Fault Detection Statistics in Integrated GNSS/INS Systems. The Journal of Global Positioning Systems, 2012, 11, 89-99.	1.6	9
110	Quantization and Colored Noises Error Modeling for Inertial Sensors for GPS/INS Integration. IEEE Sensors Journal, 2011, 11, 1493-1503.	2.4	47
111	Precise point positioning and its application in mining deformation monitoring. Transactions of Nonferrous Metals Society of China, 2011, 21, s499-s505.	1.7	14
112	Methods of 3D map storage based on geo-referenced image database. Transactions of Nonferrous Metals Society of China, 2011, 21, s654-s658.	1.7	6
113	A Novel Method to Integrate IMU and Magnetometers in Attitude and Heading Reference Systems. Journal of Navigation, 2011, 64, 727-738.	1.0	57
114	GNSS Satellite Autonomous Integrity Monitoring (SAIM) using inter-satellite measurements. Advances in Space Research, 2011, 47, 1116-1126.	1.2	14
115	Precise Velocity Estimation with a Stand-Alone GPS Receiver. Journal of Navigation, 2011, 64, 311-325.	1.0	62
116	Optimization of GPS L1 acquisition using Radix-4 FFT. , 2011, , .		5
117	Vision-based Positioning with a Single Camera and 3D Maps: Accuracy and Reliability Analysis. The Journal of Global Positioning Systems, 2011, 10, 19-29.	1.6	13
118	Impact of the GNSS Time Offsets on Positioning Reliability. The Journal of Global Positioning Systems, 2011, 10, 165-172.	1.6	32
119	Optimising Fault Detection and Exclusion in positioning. , 2010, , .		1
120	Generalised measures of reliability for multiple outliers. Journal of Geodesy, 2010, 84, 625-635.	1.6	107
121	Extended Receiver Autonomous Integrity Monitoring (eRAIM) for GNSS/INS Integration. Journal of Surveying Engineering, - ASCE, 2010, 136, 13-22.	1.0	83
122	Land Vehicle Navigation with the Integration of GPS and Reduced INS: Performance Improvement with Velocity Aiding. Journal of Navigation, 2010, 63, 153-166.	1.0	26
123	A Novel Initial Alignment Scheme for Low-Cost INS Aided by GPS for Land Vehicle Applications. Journal of Navigation, 2010, 63, 663-680.	1.0	56
124	A Robust Method for Mosaicking Sequence Images Obtained from UAV. , 2010, , .		8
125	Adaptive Filter Design for UAV Navigation with GPS/INS/Optic Flow Integration. , 2010, , .		14
126	Overlap Analysis of the Images from Unmanned Aerial Vehicles. , 2010, , .		13

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127	Indoor positioning within a single camera and 3D maps. , 2010, , .		10
128	A Comparison of Outlier Detection Procedures and Robust Estimation Methods in GPS Positioning. Journal of Navigation, 2009, 62, 699-709.	1.0	85
129	Virtualites: concepts and numerical testing results. Journal of Applied Geodesy, 2009, 3, .	0.6	2
130	Reducing GPS carrier phase errors with EMD-wavelet for precise static positioning. Survey Review, 2009, 41, 152-161.	0.7	26
131	On the Availability of Fault Detection and Exclusion in GNSS Receiver Autonomous Integrity Monitoring. Journal of Navigation, 2009, 62, 251-261.	1.0	50
132	Ultra-tight GPS/INS/PL integration: a system concept and performance analysis. GPS Solutions, 2009, 13, 75-82.	2.2	61
133	Analysis on Temporal-Spatial Variations of Australian TEC. International Association of Geodesy Symposia, 2009, , 751-758.	0.2	10
134	Investigations into a Dynamic Geocentric Datum. International Association of Geodesy Symposia, 2009, , 11-19.	0.2	0
135	Adaptive estimation of multiple fading factors in Kalman filter for navigation applications. GPS Solutions, 2008, 12, 273-279.	2.2	145
136	EMD-based GPS baseline solution and validation test. Mining Science and Technology, 2008, 18, 283-287.	0.8	11
137	Bridging GPS outages in the agricultural environment using virtualite measurements. , 2008, , .		0
138	Analysis of Ultra-tight GPS/INS Integrated System for Navigation Performance. , 2008, , .		4
139	Experimental Analysis of GPS/Pseudolite/INS Integration for Aircraft Precision Approach and Landing. Journal of Navigation, 2008, 61, 257-270.	1.0	15
140	Indoor Geolocation Using FCDMA Pseudolites: Signal Structure and Performance Analysis. Navigation, Journal of the Institute of Navigation, 2007, 54, 241-256.	1.7	16
141	Improving Adaptive Kalman Estimation in GPS/INS Integration. Journal of Navigation, 2007, 60, 517-529.	1.0	291
142	GNSS Receiver Autonomous Integrity Monitoring with a Dynamic Model. Journal of Navigation, 2007, 60, 247-263.	1.0	34
143	GNSS receiver autonomous integrity monitoring (RAIM) performance analysis. GPS Solutions, 2006, 10, 155-170.	2.2	131
144	An integer ambiguity resolution procedure for GPS/pseudolite/INS integration. Journal of Geodesy, 2005, 79, 242-255.	1.6	42

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145	Analysis of INS Derived Doppler Effects on Carrier Tracking Loop. Journal of Navigation, 2005, 58, 493-507.	1.0	20
146	Visualisation of spatial data quality for internet and mobile GIS applications. Journal of Spatial Science, 2004, 49, 97-107.	1.0	8
147	Analyzing the Impact of Integrating Pseudolite Observables into a GPS/INS System. Journal of Surveying Engineering, - ASCE, 2004, 130, 95-103.	1.0	10
148	Localizability Analysis for GPS/Galileo Receiver Autonomous Integrity Monitoring. Journal of Navigation, 2004, 57, 245-259.	1.0	39
149	Comparing Different Global Positioning System Data Processing Techniques for Modeling Residual Systematic Errors. Journal of Surveying Engineering, - ASCE, 2003, 129, 129-135.	1.0	20
150	Predicting atmospheric biases for real-time ambiguity resolution in GPS/GLONASS reference station networks. Journal of Geodesy, 2003, 76, 617-628.	1.6	58
151	An Extended Dynamic Model for Kinematic Positioning. Journal of Navigation, 2003, 56, 79-88.	1.0	16
152	Effective Cycle Slip Detection and Identification for High Precision GPS/INS Integrated Systems. Journal of Navigation, 2003, 56, 475-486.	1.0	43
153	Detection of Wind-Induced Response by Wavelet Transformed GPS Solutions. Journal of Surveying Engineering, - ASCE, 2003, 129, 99-104.	1.0	33
154	High Precision Indoor and Outdoor Positioning using LocataNet. The Journal of Global Positioning Systems, 2003, 2, 73-82.	1.6	28
155	Pseudo-Satellite Applications in Deformation Monitoring. GPS Solutions, 2002, 5, 80-87.	2.2	29
156	Multivariate Monitoring with GPS Observations and Auxillary Multisensor Data. GPS Solutions, 2002, 5, 58-69.	2.2	4
157	Stochastic assessment of GPS carrier phase measurements for precise static relative positioning. Journal of Geodesy, 2002, 76, 95-104.	1.6	152
158	GPS/Pseudolite/INS integration: concept and first tests. GPS Solutions, 2002, 6, 34-46.	2.2	17
159	Location-based services: technical and business issues. GPS Solutions, 2002, 6, 169-178.	2.2	54
160	Letter from the Guest Editors: The GPS Wireless Special Issue. GPS Solutions, 2002, 6, 137-137.	2.2	0
161	A SIMPLIFIED MINQUE PROCEDURE FOR THE ESTIMATION OF VARIANCE-COVARIANCE COMPONENTS OF GPS OBSERVABLES. Survey Review, 2002, 36, 582-590.	0.7	9
162	GPS and GLONASS Integration: Modeling and Ambiguity Resolution Issues. GPS Solutions, 2001, 5, 55-64.	2.2	50

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163	An approach to GLONASS ambiguity resolution. Journal of Geodesy, 2000, 74, 421-430.	1.6	46
164	Stochastic Modeling for Real-Time Kinematic GPS/GLONASS Positioning. Navigation, Journal of the Institute of Navigation, 1999, 46, 297-305.	1.7	116
165	A discrimination test procedure for ambiguity resolution on-the-fly. Journal of Geodesy, 1998, 72, 644-653.	1.6	151
166	Stochastic Modeling for Static GPS Baseline Data Processing. Journal of Surveying Engineering, - ASCE, 1998, 124, 171-181.	1.0	83
167	Dynamics Performance of Carrier and Code Tracking Loops in Ultra-Tight GPS/INS/PL Integration. , 0, , .		6
168	System Design and Performance Analysis of Extended Kalman Filter-Based Ultra-Tight GPS/INS Integration. , 0, , .		4
169	Ultra-Tight Integration of Pseudolites with INS. , 0, , .		4