Chris Rizos

List of Publications by Year in Descending Order

183 papers	3,217 citations	31 h-index	48 g-index
196 ext. papers	3,745 ext. citations	2.7 avg, IF	5.5 L-index

#	Paper	IF	Citations
183	An accurate train positioning method using tightly-coupled GPS + BDS PPP/IMU strategy. *GPS Solutions*, **2022**, 26, 1	4.4	0
182	Integrity monitoring for precise orbit determination of LEO satellites. *GPS Solutions*, **2022**, 26, 1	4.4	1
181	Regional Bare-Earth Digital Terrain Model for Costa Rica Based on NASADEM Corrected for Vegetation Bias. *Remote Sensing*, **2022**, 14, 2421	5	
180	Simplified algebraic estimation for the quality control of DIA estimator. *Journal of Geodesy*, **2021**, 95, 1	4.5	5
179	GNSS best integer equivariant estimation using multivariant t-distribution: a case study for precise point positioning. *Journal of Geodesy*, **2021**, 95, 1	4.5	0
178	Vulnerabilities and integrity of precise point positioning for intelligent transport systems: overview and analysis. *Satellite Navigation*, **2021**, 2,	11.5	26
177	Addendum: Hu, C.; et al. Detecting Targets above the Earth's Surface Using GNSS-R Delay Doppler Maps: Results from TDS-1. Remote Sens. 2019, 11, 2327. *Remote Sensing*, **2021**, 13, 715	5	
176	A Seamless Train Positioning System Using a Lidar-Aided Hybrid Integration Methodology. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 6371-6384	6.8	3
175	Integrity Monitoring for Horizontal RTK Positioning: New Weighting Model and Overbounding CDF in Open-Sky and Suburban Scenarios. *Remote Sensing*, **2020**, 12, 1173	5	6
174	The Validation of the Weight Function in the Leading-Edge-Derivative Path Delay Estimator for Space-Based GNSS-R Altimetry. *IEEE Transactions on Geoscience and Remote Sensing*, **2020**, 58, 6243-6254	8.1	7
173	Global Geodesy and Reference Frames **2020**, 717-739		1
172	A hybrid integrity monitoring method using vehicular wireless communication in difficult environments for GNSS. *Vehicular Communications*, **2020**, 23, 100229	5.7	4
171	. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 10519-10530	6.8	3
170	Assessing the performance of multi-frequency GPS, Galileo and BeiDou PPP ambiguity resolution. *Journal of Spatial Science*, **2020**, 65, 61-78	1.6	10
169	An analysis of PPP-GPS-based decentralized train multi-sensor navigation system. *GPS Solutions*, **2020**, 24, 1	4.4	4
168	Dilution of Precision in Three Dimensional Angle-of-Arrival Positioning Systems. *Journal of Electrical Engineering and Technology*, **2019**, 14, 2583-2593	1.4	2
167	Impact of Receiver Dynamics on Space-Based GNSS-R Altimetry. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2019**, 12, 1974-1980	4.7	3

No.	Title		
166	On the detectability of mis-modeled biases in the network-derived positioning corrections and their user impact. *GPS Solutions*, **2019**, 23, 1	4.4	7
165	Background and Recent Advances in the Locata Terrestrial Positioning and Timing Technology. *Sensors*, **2019**, 19,	3.8	7
164	Airborne Pseudolite Distributed Positioning based on Real-time GNSS PPP. *Journal of Navigation*, **2019**, 72, 1159-1178	2.3	
163	An optimal linear combination model to accelerate PPP convergence using multi-frequency multi-GNSS measurements. *GPS Solutions*, **2019**, 23, 1	4.4	8
162	. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 6365-6378	6.8	14
161	Detecting Targets above the Earth□ Surface Using GNSS-R Delay Doppler Maps: Results from TDS-1. *Remote Sensing*, **2019**, 11, 2327	5	9
160	Integrity Monitoring: From Airborne to Land Applications **2018**,		6
159	Satellite selection with an end-to-end deep learning network. *GPS Solutions*, **2018**, 22, 1	4.4	14
158	Improved decentralized multi-sensor navigation system for airborne applications. *GPS Solutions*, **2018**, 22, 1	4.4	24
157	Multisensor Integration and Data Fusion for Positioning. *Advances in Wireless Technologies and Telecommunication Book Series*, **2018**, 443-484	0.2	
156	A Multi-Sensor Positioning Method-Based Train Localization System for Low Density Line. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 10425-10437	6.8	23
155	Online GPR-KF for GNSS Navigation with Unmodelled Measurement Error. *Lecture Notes in Electrical Engineering*, **2018**, 59-70	0.2	
154	. *IEEE Transactions on Intelligent Transportation Systems*, **2017**, 18, 103-113	6.1	17
153	Uncovering common misconceptions in GNSS Precise Point Positioning and its future prospect. *GPS Solutions*, **2017**, 21, 13-22	4.4	68
152	Integrated Navigation System for a Low-Cost Quadrotor Aerial Vehicle in the Presence of Rotor Influences. *Journal of Surveying Engineering, - ASCE*, **2017**, 143, 05016006	1.3	37
151	Single-Pass Sub-Meter Space-Based GNSS-R Ice Altimetry: Results From TDS-1. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2017**, 10, 3782-3788	4.7	35
150	The influence of improper stochastic modeling of Beidou pseudoranges on system reliability. *Advances in Space Research*, **2017**, 60, 2680-2690	2.4	5
149	An investigation into the performance of real-time GPS+GLONASS Precise Point Positioning (PPP) in New Zealand. *Journal of Applied Geodesy*, **2017**, 11,	0.9	1

148	Surveying **2017**, 1011-1037		1
147	Least-squares support vector machine-based Kalman filtering for GNSS navigation with dynamic model real-time correction. *IET Radar, Sonar and Navigation*, **2017**, 11, 528-538	1.4	14
146	Extension of Internal Reliability Analysis Regarding Separability Analysis. *Journal of Surveying Engineering, - ASCE*, **2017**, 143, 04017002	1.3	13
145	Seamless Indoor-Outdoor Navigation based on GNSS, INS and Terrestrial Ranging Techniques. *Journal of Navigation*, **2017**, 70, 1183-1204	2.3	12
144	GNSS satellite-based augmentation systems for Australia. *GPS Solutions*, **2017**, 21, 835-848	4.4	19
143	Underwater Navigation Based on Real-Time Simultaneous Sound Speed Profile Correction. *Marine Geodesy*, **2016**, 39, 98-111	1.2	9
142	Further development of the attitude difference method for estimating deflections of the vertical in real time. *Measurement Science and Technology*, **2016**, 27, 075004	2	2
141	Seamless pedestrian navigation augmented by walk status detection and context features **2016**,		1
140	Precise Indoor Positioning and Attitude Determination using Terrestrial Ranging Signals. *Journal of Navigation*, **2015**, 68, 274-290	2.3	11
139	Optimal Data Fusion Algorithm for Navigation Using Triple Integration of PPP-GNSS, INS, and Terrestrial Ranging System. *IEEE Sensors Journal*, **2015**, 15, 5634-5644	4	28
138	Locata-based precise point positioning for kinematic maritime applications. *GPS Solutions*, **2015**, 19, 117-128	4.4	31
137	GPS Precise Point Positioning with the Japanese Quasi-Zenith Satellite System LEX Augmentation Corrections. *Journal of Navigation*, **2015**, 68, 769-783	2.3	16
136	A Two-Frame National Geospatial Reference System Accounting for Geodynamics. *International Association of Geodesy Symposia*, **2015**, 235-242	0.8	1
135	Locata Network Design and Reliability Analysis for Harbour Positioning. *Journal of Navigation*, **2015**, 68, 238-252	2.3	4
134	Defining a Local Reference Frame Using a Plate Motion Model and Deformation Model. *International Association of Geodesy Symposia*, **2015**, 147-154	0.8	1
133	An Optimal Data Fusion Algorithm Based on the Triple Integration of PPP-GNSS, INS and Terrestrial Ranging System. *Lecture Notes in Electrical Engineering*, **2015**, 493-505	0.2	0
132	A WIFI/INS Indoor Pedestrian Navigation System Augmented by Context Feature. *Lecture Notes in Electrical Engineering*, **2015**, 767-780	0.2	2
131	A Study of Underwater Terrain Navigation based on the Robust Matching Method. *Journal of Navigation*, **2014**, 67, 569-578	2.3	19

130	An overview of GNSS remote sensing. *Eurasip Journal on Advances in Signal Processing*, **2014**, 2014,	1.9	22
129	GNSS-Based Model-Free Sea Surface Height Estimation in Unknown Sea State Scenarios. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2014**, 7, 1424-1435	4.7	22
128	GNSS remote sensing. *Eurasip Journal on Advances in Signal Processing*, **2014**, 2014,	1.9	1
127	Enhancing the kinematic precise orbit determination of low earth orbiters using GPS receiver clock modelling. *Advances in Space Research*, **2014**, 54, 1901-1912	2.4	9
126	GPS Receiver Clock Modelling for Kinematic-Based Precise Orbit Determination of Low Earth Orbiters. *Lecture Notes in Electrical Engineering*, **2014**, 133-142	0.2	2
125	Inter-satellite Ranging Augmented GPS Relative Navigation for Satellite Formation Flying. *Journal of Navigation*, **2014**, 67, 437-449	2.3	6
124	Indoor navigation for people who are blind or vision impaired: where are we and where are we going?. *Journal of Location Based Services*, **2014**, 8, 54-73	1.9	22
123	An enhanced MEMS-INS/GNSS integrated system with fault detection and exclusion capability for land vehicle navigation in urban areas. *GPS Solutions*, **2014**, 18, 593-603	4.4	46
122	Walking Status Detection for Pedestrian Navigation. *Lecture Notes in Electrical Engineering*, **2014**, 485-497	0.2	1
121	A reference station-based GNSS computing mode to support unified precise point positioning and real-time kinematic services. *Journal of Geodesy*, **2013**, 87, 945-960	4.5	11
120	Virtual baseline method for Beidou attitude determination An improved long-short baseline ambiguity resolution method. *Advances in Space Research*, **2013**, 51, 1029-1034	2.4	7
119	Forest change detection based on GNSS signal strength measurements **2013**,		1
118	. *IEEE Transactions on Aerospace and Electronic Systems*, **2013**, 49, 1119-1138	3.7	12
117	An improved algorithm to generate a Wi-Fi fingerprint database for indoor positioning. *Sensors*, **2013**, 13, 11085-96	3.8	60
116	On-the-fly Locata/inertial navigation system integration for precise maritime application. *Measurement Science and Technology*, **2013**, 24, 105104	2	24
115	Flight Evaluation of a Locata-augmented Multisensor Navigation System. *Journal of Applied Geodesy*, **2013**, 7,	0.9	1
114	Using Geomagnetic Field for Indoor Positioning. *Journal of Applied Geodesy*, **2013**, 7,	0.9	26
113	Optimal Fault Detection and Exclusion Applied in GNSS Positioning. *Journal of Navigation*, **2013**, 66, 683-700	2.2	11

112	. *IEEE Transactions on Aerospace and Electronic Systems*, **2012**, 48, 1669-1681	3.7	32
111	Indoor navigation for the blind and vision impaired: Where are we and where are we going? **2012**,		10
110	How feasible is the use of magnetic field alone for indoor positioning? **2012**,		126
109	Indoor positioning system based on sensor fusion for the Blind and Visually Impaired **2012**,		34
108	Towards a Multi Objective Path Optimisation for Car Navigation. *Journal of Navigation*, **2012**, 65, 125-144	4.3	1
107	Sea surface wind speed estimation based on GNSS signal measurements **2012**,		2
106	Performance of GNSS-based altimetry using airborne experimental data **2012**,		3
105	Observability Analysis of SINS/GPS during In-Motion Alignment Using Singular Value Decomposition. *Advanced Materials Research*, **2012**, 433-440, 5918-5923	0.5	8
104	Sensing the Earth using Global Navigation Satellite System signals. *Eos*, **2011**, 92, 444-444	1.5	
103	A Robust Solution to High-Accuracy Geolocation: Quadruple Integration of GPS, IMU, Pseudolite, and Terrestrial Laser Scanning. *IEEE Transactions on Instrumentation and Measurement*, **2011**, 60, 3694-3708	5.2	44
102	. *IEEE Transactions on Aerospace and Electronic Systems*, **2011**, 47, 1564-1579	3.7	27
101	Phase Unwrapping for Very Large Interferometric Data Sets. *IEEE Transactions on Geoscience and Remote Sensing*, **2011**, 49, 4048-4061	8.1	18
100	Open Source GNSS Reference Server for Assisted-Global Navigation Satellite Systems. *Journal of Navigation*, **2011**, 64, 127-139	2.3	7
99	Variable length LMS adaptive filter for carrier phase multipath mitigation. *GPS Solutions*, **2011**, 15, 29-38	4.4	19
98	Deformation mapping in three dimensions for underground mining using InSAR — Southern highland coalfield in New South Wales, Australia. *International Journal of Remote Sensing*, **2011**, 32, 7227-7256	3.1	58
97	Differences in RSSI readings made by different Wi-Fi chipsets: A limitation of WLAN localization **2011**,		63
96	Contribution of GNSS CORS Infrastructure to the Mission of Modern Geodesy and Status of GNSS CORS in Thailand. *Engineering Journal*, **2011**, 15, 25-42	1.8	8
95	Locata Performance Evaluation in the Presence of Wide- and Narrow-Band Interference. *Journal of Navigation*, **2010**, 63, 527-543	2.3	5

94	Slow structural deformation monitoring using Locata a trial at Tumut Pond Dam. *Journal of Applied Geodesy*, **2010**, 4, 177-187	0.9	7
93	Designing an Illegal Mining Detection System based on DinSAR **2010**,		3
92	Hybrid Schemes for Carrier Point Positioning Solution Quality Improvement. *Navigation, Journal of the Institute of Navigation*, **2010**, 57, 231-247	2.3	1
91	Projected bandwidth loop - an alternative to adaptive bandwidth loops with reduced complexity **2010**,		5
90	Multi-path PALSAR interferometric observations of the 2008 magnitude 8.0 Wenchuan Earthquake. *International Journal of Remote Sensing*, **2010**, 31, 3449-3463	3.1	18
89	Experimental results of Locata: A high accuracy indoor positioning system **2010**,		22
88	Novel Hybrid of LS-SVM and Kalman Filter for GPS/INS Integration. *Journal of Navigation*, **2010**, 63, 289-299	2.3	45
87	Uniwide WiFi based positioning system **2010**,		8
86	Database updating through user feedback in fingerprint-based Wi-Fi location systems **2010**,		21
85	A sector-based campus-wide indoor positioning system **2010**,		29
84	Making Sense of GNSS Techniques **2010**, 173-190		2
83	Carrying Out a GPS Surveying/Mapping Task **2010**, 217-234		1
82	GPS, GNSS, and the Future **2010**, 259-281		2
81	GPS Positioning Models for Single Point and Baseline Solutions **2010**, 135-149		1
80	Generalised measures of reliability for multiple outliers. *Journal of Geodesy*, **2010**, 84, 625-635	4.5	87
79	Mapping accumulated mine subsidence using small stack of SAR differential interferograms in the Southern coalfield of New South Wales, Australia. *Engineering Geology*, **2010**, 115, 1-15	6	76
78	Adaptive Inter-Loop Aiding for Performance Improvements in Low CNIR Environments. *The Journal of Global Positioning Systems*, **2010**, 9, 41-60		2
77	The Global Geodetic Observing System (GGOS): Detecting the Fingerprints of Global Change in Geodetic Quantities **2010**, 125-143		3

76	L-Band and C-Band Combined Interferometric Monitoring of the Wenchuan Earthquake **2010**, 239-253		
75	A new approach to improve the accuracy of baseline estimation for spaceborne radar interferometry **2009**,		3
74	VirtuaLites: concepts and numerical testing results. *Journal of Applied Geodesy*, **2009**, 3,	0.9	1
73	Crustal deformation in Australia measured by satellite radar interferometry using ALOS/PALSAR imagery. *Journal of Applied Geodesy*, **2009**, 3,	0.9	13
72	Atmospheric remote sensing using GNSS in the Australasian region: From temperate climates to the tropics **2009**,		2
71	Network-based geometry-free three carrier ambiguity resolution and phase bias calibration. *GPS Solutions*, **2009**, 13, 43-56	4.4	23
70	Assessment of radar interferometry performance for ground subsidence monitoring due to underground mining. *Earth, Planets and Space*, **2009**, 61, 733-745	2.9	51
69	GPS/WiFi Real-Time Positioning Device: An Initial Outcome. *Lecture Notes in Geoinformation and Cartography*, **2009**, 439-456	0.3	4
68	Variable length LMS adaptive filter for pseudorange multipath mitigation based on SydNET stations. *Journal of Applied Geodesy*, **2009**, 3,	0.9	4
67	Land Subsidence Monitoring in Australia and China using Satellite Interferometry. *International Association of Geodesy Symposia*, **2009**, 743-750	0.8	
66	Geometry-Based TCAR Models and Performance Analysis. *International Association of Geodesy Symposia*, **2009**, 645-653	0.8	1
65	Effect of pre-correlation filter on BOC-Gated-PRN discriminator **2008**,		4
64	Multi-constellation GNSS/RNSS from the perspective of high accuracy users in Australia. *Journal of Spatial Science*, **2008**, 53, 29-63	1.6	15
63	802.11 Positioning in the Home **2008**,		5
62	A geometric wireless location system utilizing downlink pilot strength measurement messages **2008**,		1
61	Preliminary Results of Satellite Radar Differential Interferometry for the Co-seismic Deformation of the 12 May 2008 Ms8.0 Wenchuan Earthquake. *Annals of GIS*, **2008**, 14, 12-19	4.1	6
60	Experimental Analysis of GPS/Pseudolite/INS Integration for Aircraft Precision Approach and Landing. *Journal of Navigation*, **2008**, 61, 257-270	2.3	13
59	Novel geolocation technology for geophysical sensors for detection and discrimination of unexploded ordnance **2008**,		1

58	Sigma-Point Kalman Filtering for Tightly Coupled GPS/INS Integration. *Navigation, Journal of the Institute of Navigation*, **2008**, 55, 167-177	2.3	8
57	Feature Extraction and Spatial Interpolation for Improved Wireless Location Sensing. *Sensors*, **2008**, 8, 2865-2885	3.8	4
56	Alternatives to current GPS-RTK services and some implications for CORS infrastructure and operations. *GPS Solutions*, **2007**, 11, 151-158	4.4	45
55	Advances in structural monitoring with Global Positioning System technology: 19972006. *Journal of Applied Geodesy*, **2007**, 1,	0.9	7
54	Applications of locationbased services: a selected review. *Journal of Location Based Services*, **2007**, 1, 89-111	1.9	83
53	Improving Adaptive Kalman Estimation in GPS/INS Integration. *Journal of Navigation*, **2007**, 60, 517-529	2.3	214
52	Mine Subsidence Monitoring Using Multi-source Satellite SAR Images. *Photogrammetric Engineering and Remote Sensing*, **2007**, 73, 259-266	1.6	106
51	A critical evaluation of location based services and their potential. *Journal of Location Based Services*, **2007**, 1, 5-45	1.9	107
50	SINGLE EPOCH ALGORITHM BASED ON TIKHONOV REGULARIZATION FOR DEFORMATION MONITORING USING SINGLE FREQUENCY GPS RECEIVERS. *Survey Review*, **2006**, 38, 682-688	0.9	7
49	A GPS-slaved time synchronization system for hybrid navigation. *GPS Solutions*, **2006**, 10, 207-217	4.4	20
48	Full-scale structural monitoring using an integrated GPS and accelerometer system. *GPS Solutions*, **2006**, 10, 233-247	4.4	67
47	MULTIPATH MITIGATION BY WAVELET ANALYSIS FOR GPS BASE STATION APPLICATIONS. *Survey Review*, **2005**, 38, 2-10	0.9	63
46	AUGMENTING GPS BY GROUND-BASED PSEUDOLITE SIGNALS FOR AIRBORNE SURVEYING APPLICATIONS. *Survey Review*, **2005**, 38, 88-99	0.9	5
45	An integer ambiguity resolution procedure for GPS/pseudolite/INS integration. *Journal of Geodesy*, **2005**, 79, 242-255	4.5	34
44	Design of a low-cost attitude determination GPS/INS integrated navigation system. *GPS Solutions*, **2005**, 9, 294-311	4.4	28
43	Analyzing the Impact of Integrating Pseudolite Observables into a GPS/INS System. *Journal of Surveying Engineering, - ASCE*, **2004**, 130, 95-103	1.3	9
42	Tropospheric corrections to SAR interferometry from GPS observations. *GPS Solutions*, **2004**, 8, 140-151	4.4	28
41	GPS and GIS Assisted Radar Interferometry. *Photogrammetric Engineering and Remote Sensing*, **2004**, 70, 1173-1177	1.6	14

40	Comparison of Interpolation Algorithms in Network-Based GPS Techniques. *Navigation, Journal of the Institute of Navigation*, **2003**, 50, 277-293	2.3	40
39	Detection of Wind-Induced Response by Wavelet Transformed GPS Solutions. *Journal of Surveying Engineering, - ASCE*, **2003**, 129, 99-104	1.3	31
38	A MIXED-MODE GPS NETWORK PROCESSING APPROACH FOR DEFORMATION MONITORING APPLICATIONS. *Survey Review*, **2003**, 37, 2-19	0.9	11
37	Comparing Different Global Positioning System Data Processing Techniques for Modeling Residual Systematic Errors. *Journal of Surveying Engineering, - ASCE*, **2003**, 129, 129-135	1.3	19
36	Effective Cycle Slip Detection and Identification for High Precision GPS/INS Integrated Systems. *Journal of Navigation*, **2003**, 56, 475-486	2.3	36
35	High Precision Indoor and Outdoor Positioning using LocataNet. *The Journal of Global Positioning Systems*, **2003**, 2, 73-82		18
34	Low-cost GPS-based volcano deformation monitoring at Mt. Papandayan, Indonesia. *Journal of Volcanology and Geothermal Research*, **2002**, 115, 139-151	2.8	9
33	Pseudo-Satellite Applications in Deformation Monitoring. *GPS Solutions*, **2002**, 5, 80-87	4.4	23
32	Multivariate Monitoring with GPS Observations and Auxillary Multisensor Data. *GPS Solutions*, **2002**, 5, 58-69	4.4	4
31	GPS/Pseudolite/INS integration: concept and first tests. *GPS Solutions*, **2002**, 6, 34-46	4.4	12
30	Location-based services: technical and business issues. *GPS Solutions*, **2002**, 6, 169-178	4.4	32
29	A SIMPLIFIED MINQUE PROCEDURE FOR THE ESTIMATION OF VARIANCE-COVARIANCE COMPONENTS OF GPS OBSERVABLES. *Survey Review*, **2002**, 36, 582-590	0.9	26
28	INVERTED PSEUDOLITE POSITIONING AND SOME APPLICATIONS. *Survey Review*, **2002**, 36, 602-611	0.9	11
27	GPS and GLONASS Integration: Modeling and Ambiguity Resolution Issues. *GPS Solutions*, **2001**, 5, 55-64	4.4	39
26	Performance analysis of integrated GPS/GLONASS carrier phase-based positioning. *Geo-Spatial Information Science*, **2001**, 4, 9-18	3.5	3
25	GPS SINGLE POINT POSITIONING WITH SA OFF: HOW ACCURATE CAN WE GET?. *Survey Review*, **2001**, 36, 255-262	0.9	15
24	Making sense of the GPS techniques **2001**, 146-161		1
23	Servicing the GPS user **2001**, 201-215		1

22	GPS MULTIPATH MITIGATION USING FIR FILTERS. *Survey Review*, **2000**, 35, 487-498	0.9	12
21	Multipath Mitigation of Continuous GPS Measurements Using an Adaptive Filter. *GPS Solutions*, **2000**, 4, 19-30	4.4	92
20	An Instantaneous Ambiguity Resolution Technique for Medium-Range GPS Kinematic Positioning. *Navigation, Journal of the Institute of Navigation*, **2000**, 47, 17-31	2.3	0
19	Regional-scale multiple reference stations for carrier phase-based GPS positioning: A correction generation algorithm. *Earth, Planets and Space*, **2000**, 52, 795-800	2.9	4
18	Airborne GPS kinematic positioning and its application to oceanographic mapping. *Earth, Planets and Space*, **2000**, 52, 819-824	2.9	5
17	Low-cost densification of permanent GPS networks for natural hazard mitigation: First tests on GSI's GEONET network. *Earth, Planets and Space*, **2000**, 52, 867-871	2.9	9
16	GPS seismometers with up to 20 Hz sampling rate. *Earth, Planets and Space*, **2000**, 52, 881-884	2.9	44
15	Interpolation of GPS results incorporating geophysical and InSAR information. *Earth, Planets and Space*, **2000**, 52, 999-1002	2.9	4
14	Continuously operating GPS-based volcano deformation monitoring in Indonesia: the technical and logistical challenges. *International Association of Geodesy Symposia*, **2000**, 361-366	0.8	4
13	Road Slope Information from GPS-Derived Trajectory Data. *Journal of Surveying Engineering, - ASCE*, **1999**, 125, 59-68	1.3	9
12	Single-Epoch Ambiguity Resolution for Real-Time GPS Attitude Determination with the Aid of One-Dimensional Optical Fiber Gyro. *GPS Solutions*, **1999**, 3, 5-12	4.4	13
11	Real-Time Failure Detection and Repair in Ionospheric Delay Estimation Using GPS by Robust and Conventional Kalman Filter State Estimates. *International Association of Geodesy Symposia*, **1998**, 295-300	0.8	1
10	Real-time failure detection in the carrier phase measurements of GPS by robust and conventional kalman state estimates. *Marine Geodesy*, **1998**, 21, 41-65	1.2	4
9	Instantaneous Ambiguity Resolution for Medium-Range GPS Kinematic Positioning Using Multiple Reference Stations. *International Association of Geodesy Symposia*, **1998**, 283-288	0.8	5
8	Quality Control Algorithms for Permanent GPS Receiver Applications. *International Association of Geodesy Symposia*, **1998**, 307-312	0.8	
7	Progress and Constraints of Real-Time Carrier Phase-Based Long-Range GPS Kinenatic Positioning. *International Association of Geodesy Symposia*, **1997**, 712-719	0.8	2
6	Improving the computational efficiency of the ambiguity function algorithm. *Journal of Geodesy*, **1996**, 70, 330-341	4.5	46
5	Part 2GPS in Support of the 1996 World Solar Challenge. *Journal of Spatial Science*, **1996**, 41, 269-277		1