

Terry Moore

List of Publications by Year in descending order

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79
papers

1,594
citations

430874

18
h-index

330143

37
g-index

81
all docs

81
docs citations

81
times ranked

1385
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Kalman Filtering for Low-cost INS/GPS. Journal of Navigation, 2003, 56, 143-152.	1.7	235
2	Indoor location based services challenges, requirements and usability of current solutions. Computer Science Review, 2017, 24, 1-12.	15.3	189
3	Carrier phase-based integrity monitoring for high-accuracy positioning. GPS Solutions, 2009, 13, 13-22.	4.3	68
4	Implications of Ionospheric Scintillation for GNSS Users in Northern Europe. Journal of Navigation, 2005, 58, 241-256.	1.7	65
5	What is the accuracy of DGPS?. Journal of Navigation, 2005, 58, 207-225.	1.7	65
6	A New Avionics-Based GNSS Integrity Augmentation System: Part 1 " Fundamentals. Journal of Navigation, 2013, 66, 363-384.	1.7	61
7	Aiding Low Cost Inertial Navigation with Building Heading for Pedestrian Navigation. Journal of Navigation, 2011, 64, 219-233.	1.7	57
8	Using Constraints for Shoe Mounted Indoor Pedestrian Navigation. Journal of Navigation, 2012, 65, 15-28.	1.7	52
9	Multisensor Navigation Systems: A Remedy for GNSS Vulnerabilities?. Proceedings of the IEEE, 2016, 104, 1339-1353.	21.3	52
10	Quality assessment of OpenStreetMap data using trajectory mining. Geo-Spatial Information Science, 2016, 19, 56-68.	5.3	52
11	A New Avionics-Based GNSS Integrity Augmentation System: Part 2 " Integrity Flags. Journal of Navigation, 2013, 66, 501-522.	1.7	48
12	Global navigation satellite systems performance analysis and augmentation strategies in aviation. Progress in Aerospace Sciences, 2017, 95, 45-98.	12.1	47
13	Analysing the Zenith Tropospheric Delay Estimates in On-line Precise Point Positioning (PPP) Services and PPP Software Packages. Sensors, 2018, 18, 580.	3.8	35
14	GLONASS Aided GPS Ambiguity Fixed Precise Point Positioning. Journal of Navigation, 2013, 66, 399-416.	1.7	30
15	Quality assessment of a network-based RTK GPS service in the UK. Journal of Applied Geodesy, 2009, 3, .	1.1	28
16	A particle filter approach to indoor navigation using a foot mounted inertial navigation system and heuristic heading information. , 2012, , .		27
17	Seamless Pedestrian Positioning and Navigation Using Landmarks. Journal of Navigation, 2016, 69, 24-40.	1.7	24
18	An assessment of static precise point positioning using GPS only, GLONASS only, and GPS plus GLONASS. Measurement: Journal of the International Measurement Confederation, 2016, 88, 121-130.	5.0	23

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19	Statistical Analysis of GPS Ionospheric Scintillation and Short-Time TEC Variations over Northern Europe. <i>Navigation, Journal of the Institute of Navigation</i> , 2004, 51, 59-75.	2.8	19
20	Collaborative Navigation as a Solution for PNT Applications in GNSS Challenged Environments “ Report on Field Trials of a Joint FIG/IAIG Working Group. <i>Journal of Applied Geodesy</i> , 2015, 9, .	1.1	18
21	Hybrid GPS + GLONASS. <i>GPS Solutions</i> , 1999, 3, 32-41.	4.3	15
22	The Potential Impact of GNSS/INS Integration on Maritime Navigation. <i>Journal of Navigation</i> , 2008, 61, 221-237.	1.7	15
23	Indoor positioning technology assessment using analytic hierarchy process for pedestrian navigation services. , 2015, , .		15
24	Low Cost, High Accuracy Positioning In Urban Environments. <i>Journal of Navigation</i> , 2006, 59, 365-379.	1.7	14
25	Integrity monitoring of fixed ambiguity Precise Point Positioning (PPP) solutions. <i>Geo-Spatial Information Science</i> , 2013, 16, 141-148.	5.3	14
26	ROTATING A MEMS INERTIAL MEASUREMENT UNIT FOR A FOOT-MOUNTED PEDESTRIAN NAVIGATION. <i>Journal of Computer Science</i> , 2014, 10, 2619-2627.	0.6	14
27	Making tourist guidance systems more intelligent, adaptive and personalised using crowd sourced movement data. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2018, 9, 413-427.	4.9	14
28	Collaborative navigation with ground vehicles and personal navigators. , 2012, , .		13
29	Fixed ambiguity Precise Point Positioning (PPP) with FDE RAIM. , 2012, , .		13
30	A Multi-Sensor Navigation Filter for High Accuracy Positioning in all Environments. <i>Journal of Navigation</i> , 2007, 60, 409-425.	1.7	12
31	Overview of positioning technologies from fitness-to-purpose point of view. , 2014, , .		12
32	Assessing avionics-based GNSS integrity augmentation performance in UAS mission- and safety-critical tasks. , 2015, , .		12
33	An Adaptive Weighting based on Modified DOP for Collaborative Indoor Positioning. <i>Journal of Navigation</i> , 2016, 69, 225-245.	1.7	12
34	A smart phone based multi-floor indoor positioning system for occupancy detection. , 2018, , .		12
35	Real-Time River Level Monitoring Using GPS Heighting. <i>GPS Solutions</i> , 2000, 4, 63-67.	4.3	10
36	High Spatial Variation Tropospheric Model for GPS-Data Simulation. <i>Journal of Navigation</i> , 2005, 58, 459-470.	1.7	10

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37	Challenges of Location-Based Services Market Analysis: Current Market Description. Lecture Notes in Geoinformation and Cartography, 2015, , 273-282.	1.0	10
38	Novel prior position determination approaches in particle filter for ultra wideband (UWB)-based indoor positioning. Navigation, Journal of the Institute of Navigation, 2021, 68, 277-292.	2.8	10
39	Is DGPS Still a Good Option for Mariners?. Journal of Navigation, 2001, 54, 437-446.	1.7	9
40	GNSS-based Road User Charging. Journal of Navigation, 2004, 57, 1-13.	1.7	9
41	The use of high sensitivity GPS for initialisation of a foot mounted inertial navigation system. , 2012, , .		9
42	Numerical weather modeling-based slant tropospheric delay estimation and its enhancement by GNSS data. Geo-Spatial Information Science, 2013, 16, 186-200.	5.3	9
43	Increased Error Observability of an Inertial Pedestrian Navigation System by Rotating IMU. Journal of Engineering and Technological Sciences, 2014, 46, 211-225.	0.6	9
44	An Innovative Approach for Atmospheric Error Mitigation Using New GNSS Signals. Journal of Navigation, 2011, 64, S211-S232.	1.7	8
45	Avionics-based GNSS integrity augmentation synergies with SBAS and GBAS for safety-critical aviation applications. , 2016, , .		8
46	Wi-Fi fingerprinting based on collaborative confidence level training. Pervasive and Mobile Computing, 2016, 30, 32-44.	3.3	8
47	Investigation of GNSS Integrity Augmentation Synergies with Unmanned Aircraft Sense-and-Avoid Systems. , 2015, , .		7
48	Particle filter for context sensitive indoor pedestrian navigation. , 2016, , .		7
49	Model-Based Autonomous Navigation with Moment of Inertia Estimation for Unmanned Aerial Vehicles. Sensors, 2019, 19, 2467.	3.8	7
50	A new Global Navigation Satellite System (GNSS) based method for urban heat island intensity monitoring. International Journal of Applied Earth Observation and Geoinformation, 2021, 94, 102222.	2.8	7
51	Adaptive real-time dual-mode filter design for seamless pedestrian navigation. , 2017, , .		6
52	Analysis on the Potential Performance of GPS and Galileo Precise Point Positioning using Simulated Real-Time Products. Journal of Navigation, 2019, 72, 19-33.	1.7	6
53	A Robust Detection and Optimization Approach for Delayed Measurements in UWB Particle-Filter-Based Indoor Positioning. Navigation, Journal of the Institute of Navigation, 2022, 69, navi.514.	2.8	6
54	The non-technical challenges of Location Based Services markets: Are the users' concerns being ignored?. , 2016, , .		5

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55	A Heave Compensation Algorithm Based on Low Cost GPS Receivers. Journal of Navigation, 2008, 61, 291-305.	1.7	4
56	A Novel Approach for the Determination of the Height of the Tropopause from Ground-Based GNSS Observations. Remote Sensing, 2020, 12, 293.	4.0	4
57	Demonstrating the potential of indoor positioning for monitoring building occupancy through ecologically valid trials. Journal of Location Based Services, 2021, 15, 305-327.	1.9	4
58	Error characteristics of a model-based integration approach for fixed-wing unmanned aerial vehicles. Journal of Navigation, 0, , 1-14.	1.7	4
59	Maritime DGPS: Ensuring the Best Availability and Continuity. Journal of Navigation, 2002, 55, 485-494.	1.7	3
60	Radio Positioning using the Digital Audio Broadcasting (DAB) Signal. Journal of Navigation, 2011, 64, 45-59.	1.7	3
61	On the impact of intra-system interference for ranging and positioning with Bluetooth low energy. , 2015, , .		3
62	Detection of UWB ranging measurement quality for collaborative indoor positioning. Journal of Location Based Services, 2015, 9, 296-319.	1.9	3
63	Human performance and strategies while solving an aircraft routing and sequencing problem: an experimental approach. Cognition, Technology and Work, 2018, 20, 425-441.	3.0	3
64	GNSS Trajectory Anomaly Detection Using Similarity Comparison Methods for Pedestrian Navigation. Sensors, 2018, 18, 3165.	3.8	3
65	Multi-frequency precise point positioning using GPS and Galileo data with smoothed ionospheric corrections. , 2018, , .		3
66	GPS and Galileo Triple-Carrier Ionosphere-Free Combinations for Improved Convergence in Precise Point Positioning. Journal of Navigation, 2021, 74, 5-23.	1.7	3
67	A tripartite filter design for seamless pedestrian navigation using recursive 2-means clustering and Tukey update. , 2018, , .		2
68	An assessment of the precise products on static precise point positioning using multi-constellation GNSS. , 2018, , .		2
69	Towards Seamless Navigation. , 2017, , 125-147.		2
70	Determination of Air Urban Heat Island Parameters with High-Precision GPS Data. Atmosphere, 2022, 13, 417.	2.3	2
71	GPS at Nottingham University. Journal of Surveying Engineering, - ASCE, 1988, 114, 146-155.	1.7	1
72	Trajectory optimisation for avionics-based GNSS integrity augmentation system. , 2016, , .		1

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73	Alternative Strategy for Estimating Zenith Tropospheric Delay from Precise Point Positioning. , 2020, , .		1
74	Performance Analysis of Triple Carrier Ambiguity Resolution in Precise Point Positioning with Smoothed Ionosphere Corrections. , 0, , .		1
75	GNSS & WGS 84 for Marine Navigation in UK Waters. Journal of Navigation, 1999, 52, 189-195.	1.7	0
76	Implications of the use of GNSS and WGS84 for Marine Navigation. Journal of Navigation, 2000, 53, 413-423.	1.7	0
77	ENCORE: Enhanced code Galileo receiver for land management applications in Brazil. , 2010, , .		0
78	Particle Filtering in Collaborative Indoor Positioning. Lecture Notes in Electrical Engineering, 2013, , 633-649.	0.4	0
79	Urban Heat Island Monitoring with Global Navigation Satellite System (GNSS) Data. Advances in 21st Century Human Settlements, 2021, , 43-59.	0.4	0