Anahid Basiri

List of Publications by Year in Descending Order

41 papers	**438** citations	**11** h-index	**19** g-index
42 ext. papers	**561** ext. citations	**2.6** avg, IF	**3.97** L-index

#	Paper	IF	Citations
41	Predictably unpredictable. *Journal of Navigation*, **2021**, 74, 723-725	2.3	
40	Effectiveness modelling of digital contact-tracing solutions for tackling the COVID-19 pandemic. *Journal of Navigation*, **2021**, 74, 853-886	2.3	7
39	3D map creation using crowdsourced GNSS data. *Computers, Environment and Urban Systems*, **2021**, 89, 101671	5.9	2
38	A Contextual Hybrid Model for Vessel Movement Prediction. *IEEE Access*, **2021**, 9, 45600-45613	3.5	2
37	Investigation of Potential Cognition Factors Correlated to Fire Evacuation. *Lecture Notes in Computer Science*, **2020**, 143-159	0.9	
36	Navigating Through Pandemic: The Use of Positioning Technologies. *Journal of Navigation*, **2020**, 73, 1179-1181	2.3	1
35	Transport development, intellectual property rights protection and innovation: The case of the Yangtze River Delta Region, China. *Research in Transportation Business and Management*, **2020**, 37, 100563	2.8	7
34	3-D Passive-Vision-Aided Pedestrian Dead Reckoning for Indoor Positioning. *IEEE Transactions on Instrumentation and Measurement*, **2020**, 69, 1370-1386	5.2	11
33	Crowdsourced geospatial data quality: challenges and future directions. *International Journal of Geographical Information Science*, **2019**, 33, 1588-1593	4.1	36
32	Simulating and modeling the signal attenuation of wireless local area network for indoor positioning **2019**,		1
31	A Comparative Study of Machine Learning Techniques to Simulate Land Use Changes **2019**, 47, 53-62		4
30	Making tourist guidance systems more intelligent, adaptive and personalised using crowd sourced movement data. *Journal of Ambient Intelligence and Humanized Computing*, **2018**, 9, 413-427	3.7	12
29	Vision-aided indoor pedestrian dead reckoning **2018**,		2
28	Scaling the Peaks Research Protocol: understanding the barriers and drivers to providing and using dementia-friendly community services in rural areas-a mixed methods study. *BMJ Open*, **2018**, 8, e020374	3	4
27	Particle Filter and Finite Impulse Response Filter Fusion and Hector SLAM to Improve the Performance of Robot Positioning. *Journal of Robotics*, **2018**, 2018, 1-9	1.5	4
26	Location Based Services Analysis Through Analytical Hierarchical Processes: An e-Health-Based Case Study **2017**, 283-301		
25	Indoor location based services challenges, requirements and usability of current solutions. *Computer Science Review*, **2017**, 24, 1-12	8.3	116

#	Publication		
24	Trading-off location accuracy and service quality: Privacy concerns and user profiles **2017**,		4
23	Improving Robot Navigation and Obstacle Avoidance using Kinect 2.0 **2017**,		2
22	Using big data analytics to extract disease surveillance information from point of care diagnostic machines. *Pervasive and Mobile Computing*, **2017**, 42, 470-486	3.5	17
21	The non-technical challenges of Location Based Services markets: Are the users' concerns being ignored? **2016**,		4
20	Landmark-Based Pedestrian Navigation Using Augmented Reality and Machine Learning. *Lecture Notes in Geoinformation and Cartography*, **2016**, 451-465	0.3	8
19	Predictive analytics for enhancing travel time estimation in navigation apps of Apple, Google, and Microsoft **2016**,		13
18	Using Crowdsourced Trajectories for Automated OSM Data Entry Approach. *Sensors*, **2016**, 16,	3.8	15
17	Seamless Pedestrian Positioning and Navigation Using Landmarks. *Journal of Navigation*, **2016**, 69, 24-40	2.3	17
16	Quality assessment of OpenStreetMap data using trajectory mining. *Geo-Spatial Information Science* , **2016**, 19, 56-68	3.5	36
15	Challenges of Location-Based Services Market Analysis: Current Market Description. *Lecture Notes in Geoinformation and Cartography*, **2015**, 273-282	0.3	5
14	Indoor positioning technology assessment using analytic hierarchy process for pedestrian navigation services **2015**,		11
13	On the impact of intra-system interference for ranging and positioning with Bluetooth low energy **2015**,		1
12	The Next Generation of Navigational Services Using OpenStreetMap Data: The Integration of Augmented Reality and Graph Databases. *Lecture Notes in Geoinformation and Cartography*, **2015**, 211-228	0.3	5
11	Use of Graph Databases in Tourist Navigation Application. *Lecture Notes in Computer Science*, **2014**, 663-677	0.9	2
10	Overview of positioning technologies from fitness-to-purpose point of view **2014**,		8
9	The Use of Quick Response (QR) Codes in Landmark-Based Pedestrian Navigation. *International Journal of Navigation and Observation*, **2014**, 2014, 1-7		27
8	Providing relevant information in an ambient services using service requesters logical area. *Journal of Ambient Intelligence and Humanized Computing*, **2014**, 5, 539-549	3.7	3
7	Automatic Point of Interests Detection Using Spatio-Temporal Data Mining Techniques over Anonymous Trajectories. *Lecture Notes in Computer Science*, **2014**, 185-198	0.9	3

6	Evaluation of Data Management Systems for Geospatial Big Data. *Lecture Notes in Computer Science*, **2014**, 678-690	0.9	7
5	Spatial Uncertainty Management in Pedestrian Navigation. *Lecture Notes in Geoinformation and Cartography*, **2014**, 343-355	0.3	
4	Efficient Online Sharing of Geospatial Big Data Using NoSQL XML Databases **2013**,		10
3	Ambient shopping advertisement using rough service domain. *Journal of Ambient Intelligence and Smart Environments*, **2012**, 4, 95-105	2.2	3
2	Uncertainty handling in navigation services using rough and fuzzy set theory **2012**,		8
1	Standards-based, interoperable services for accessing urban services data for the city of Tehran. *Computers, Environment and Urban Systems*, **2010**, 34, 309-321	5.9	19