

# Peter Brida

## List of Publications by Year in descending order

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55  
papers

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citations

933447

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h-index

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g-index

56  
all docs

56  
docs citations

56  
times ranked

357  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enabling Technologies for Smart Mobile Services 2020. Mobile Information Systems, 2022, 2022, 1-3.	0.6	1
2	Trends and Prospects of Techniques for Haze Removal From Degraded Images: A Survey. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 762-782.	4.9	17
3	New Advanced Approach for Data Flows Prioritization at an Output of a User Terminal. IEEE Access, 2022, 10, 60887-60903.	4.2	1
4	Impact of user orientation on indoor localization based on Wi-Fi. Transportation Research Procedia, 2021, 55, 882-889.	1.5	2
5	Algorithm for Dynamic Fingerprinting Radio Map Creation Using IMU Measurements. Sensors, 2021, 21, 2283.	3.8	9
6	Impact of GPS Interference on Time Synchronization of DVB-T Transmitters. Mobile Information Systems, 2021, 2021, 1-11.	0.6	3
7	Smart Sensor Technologies for IoT. Sensors, 2021, 21, 5890.	3.8	6
8	Impact of Radio Map on the Performance of Fingerprinting Algorithms. Lecture Notes in Computer Science, 2021, , 708-720.	1.3	2
9	Characteristic mechanical vibration recognition using neural network. , 2021, , .		0
10	Proposal for a Localization System for an IoT Ecosystem. Electronics (Switzerland), 2021, 10, 3016.	3.1	4
11	Challenges introduced by heterogeneous devices for Wi-Fi-based indoor localization. Concurrency Computation Practice and Experience, 2020, 32, e5198.	2.2	6
12	Technology Analysis of Global Smart Furniture Development Using Patent Data. , 2020, , .		0
13	Opinions on Sustainability of Smart Cities in the Context of Energy Challenges Posed by Cryptocurrency Mining. Sustainability, 2020, 12, 169.	3.2	26
14	Detection of Drivers Plate at Smart Driver's Score Application Controlled by Voice Commands. Studies in Computational Intelligence, 2020, , 349-361.	0.9	0
15	Quality-Driven Schemes Enhancing Resilience of Wireless Networks under Weather Disruptions. Computer Communications and Networks, 2020, , 299-326.	0.8	5
16	Development of Smartphone Application for Evaluation of Passenger Comfort. Communications in Computer and Information Science, 2020, , 249-259.	0.5	2
17	Path Estimation from Smartphone Sensors. Studies in Computational Intelligence, 2018, , 435-443.	0.9	2
18	Contactless Identification System Based on Visual Analysis of Examined Element. Studies in Computational Intelligence, 2018, , 409-420.	0.9	0

#	ARTICLE	IF	CITATIONS
19	Ubiquitous smartphone based localization with door crossing detection. Engineering Applications of Artificial Intelligence, 2018, 75, 88-93.	8.1	5
20	Wi-Fi Fingerprint Radio Map Creation by Using Interpolation. Procedia Engineering, 2017, 192, 753-758.	1.2	20
21	Impact of optimization algorithms on hybrid indoor positioning based on GSM and Wi-Fi signals. Concurrency Computation Practice and Experience, 2017, 29, e3911.	2.2	10
22	Enabling Technologies for Smart Mobile Services. Mobile Information Systems, 2016, 2016, 1-3.	0.6	1
23	Scalability Optimization of Seamless Positioning Service. Mobile Information Systems, 2016, 2016, 1-11.	0.6	3
24	Pedestrian Dead Reckoning with Particle Filter for handheld smartphone. , 2016, , .		34
25	Performance Comparison of Sensor Implemented in Smartphones with X-IMU. Lecture Notes in Computer Science, 2016, , 190-199.	1.3	0
26	Wireless Positioning as a Cloud Based Service. Lecture Notes in Computer Science, 2015, , 430-439.	1.3	2
27	Impact of APs removal on accuracy of fingerprinting localization algorithms. , 2015, , .		1
28	Using of GSM and Wi-Fi Signals for Indoor Positioning Based on Fingerprinting Algorithms. Advances in Electrical and Electronic Engineering, 2015, 13, .	0.3	4
29	Impact of Weather Conditions on Fingerprinting Localization Based on IEEE 802.11a. Lecture Notes in Computer Science, 2015, , 316-325.	1.3	1
30	A Modular Localization System as a Positioning Service for Road Transport. Sensors, 2014, 14, 20274-20296.	3.8	21
31	Wireless sensor localization using enhanced DV-AoA algorithm. Turkish Journal of Electrical Engineering and Computer Sciences, 2014, 22, 679-689.	1.4	3
32	Using GSM signals for fingerprint-based indoor positioning system. , 2014, , .		9
33	Modular Localization System for Intelligent Transport. Studies in Computational Intelligence, 2014, , 115-124.	0.9	8
34	Optimization of the RBF localization algorithm using Kalman filter. , 2013, , .		3
35	Miscellaneous Service Delivery to Modern Mobile Devices. Journal of Computer Networks and Communications, 2013, 2013, 1-2.	1.6	1
36	A Novel Enhanced Positioning Trilateration Algorithm Implemented for Medical Implant In-Body Localization. International Journal of Antennas and Propagation, 2013, 2013, 1-10.	1.2	22

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37	Performance Investigation of the RBF Localization Algorithm. Advances in Electrical and Electronic Engineering, 2013, 11, .	0.3	4
38	Survey of Device Calibration Techniques for Fingerprinting Localization Algorithms. Communications - Scientific Letters of the University of Zilina, 2013, 15, 48-53.	0.6	3
39	Impact of Wi-Fi Access Points on performance of RBF localization algorithm. , 2012, , .		1
40	Impact of Used Communication Technology on the Navigation System for Hybrid Environment. Journal of Computer Networks and Communications, 2012, 2012, 1-10.	1.6	0
41	Proposal of User Adaptive Modular Localization System for Ubiquitous Positioning. Lecture Notes in Computer Science, 2012, , 391-400.	1.3	24
42	Impact of Radio Fingerprints Processing on Localization Accuracy of Fingerprinting Algorithms. Elektronika Ir Elektrotechnika, 2012, 123, .	0.8	11
43	Novel Criterion to Evaluate QoS of Localization Based Services. Lecture Notes in Computer Science, 2012, , 381-390.	1.3	5
44	Performance investigation of WifiLOC positioning system. , 2011, , .		7
45	Modulation adaptation according to radio channel pulse response. , 2011, , .		0
46	Indoor Positioning System Designed for User Adaptive Systems. Studies in Computational Intelligence, 2011, , 237-245.	0.9	6
47	Performance Comparison of Similarity Measurements for Database Correlation Localization Method. Lecture Notes in Computer Science, 2011, , 452-461.	1.3	25
48	Impact of the number of access points in indoor fingerprinting localization. , 2010, , .		15
49	A new Complex Angle of Arrival location method for ad hoc networks. , 2010, , .		11
50	Localization in Real GSM Network with Fingerprinting Utilization. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 699-709.	0.3	10
51	A Novel AoA Positioning Solution for Wireless Ad Hoc Networks Based on Six-Port Technology. IFIP Advances in Information and Communication Technology, 2009, , 208-219.	0.7	17
52	Mobile Positioning in Next Generation Networks. , 2009, , 223-252.		3
53	Radio Map Framework for GSM Positioning. Communications - Scientific Letters of the University of Zilina, 2009, 11, 24-27.	0.6	2
54	On the Accuracy of Weighted Proximity Based Localization in Wireless Sensor Networks. , 2007, , 423-432.		43

#	ARTICLE	IF	CITATIONS
55	The Accuracy of RSS Based Positioning in GSM Networks. , 2006, , .		11