Kristijan Lenac

List of Publications by Year
in descending order

27 papers	124 citations

1307594

7 h-index	10 g-index

1372567

27 all docs	27 docs citations	27 times ranked	77 citing authors

#	Article	IF	Citations
1	Recurrence plot analysis of GPS ionospheric delay time series in extreme ionospheric conditions. Computers and Geosciences, 2021, 147, 104613.	4.2	2
2	A Novel Genetic Scan-Matching-Based Registration Algorithm for Supporting Moving Objects Tracking Effectively and Efficiently. IEEE Access, 2021, , 1-1.	4.2	0
3	Modelling GPS Positioning Performance in Northwest Passage during Extreme Space Weather Conditions. TransNav, 2021, 15, 165-169.	0.6	2
4	Enhancing Scan Matching Algorithms via Genetic Programming for Supporting Big Moving Objects Tracking and Analysis inÂEmerging Environments. Lecture Notes in Computer Science, 2021, , 348-360.	1.3	0
5	Verifiable Computing Applications in Blockchain. IEEE Access, 2021, 9, 156729-156745.	4.2	12
6	Effective Area Coverage of 2D and 3D Environments With Directional and Isotropic Sensors. IEEE Access, 2020, 8, 185595-185608.	4.2	7
7	Depth-Based Real-Time Gait Recognition. Journal of Circuits, Systems and Computers, 2020, 29, 2050266.	1.5	6
8	Blockchain technology in maritime industry. Pomorstvo, 2020, 34, 178-184.	0.5	16
9	Je li blockchain tehnologija buduÄ‡nost digitalizacije zemljiÅ¡nih knjiga?. Zbornik Pravnog Fakulteta SveuÄiliÅ¡ta U Rijeci, 2020, 41, 609-628.	0.1	2
10	Air Quality Monitoring Device for Vehicular Ad Hoc Networks: EnvioDev. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.7	4
11	A method for GNSS positioning performance assessment for location-based services. , 2020, , .		3
12	Extending Appearance Based Gait Recognition with Depth Data. Applied Sciences (Switzerland), 2019, 9, 5529.	2.5	8
13	Characterisation Of Multipath-Caused Commercial-Grade GPS Positioning Error In Intelligent Transport Systems (ITS). , 2019, , .		1
14	A Mobile Network-Based GNSS Anti-Spoofing. , 2018, , .		2
15	An effective and efficient hybrid scan matching algorithm for mobile object applications. , 2017, , .		1
16	Short-term people re-identification using image classification. , 2016, , .		0
17	Distributed real-time lift kinematic monitoring using COTS smartphones. , 2016, , .		0
18	Virtual Reality Applications with Oculus Rift and 3D Sensors. Lecture Notes in Computer Science, 2016, , 181-185.	1.3	0

#	Article	IF	Citations
19	People tracking using synthetically generated depth maps. , 2015, , .		0
20	Integrating Blink Click interaction into a head tracking system: implementation and usability issues. Universal Access in the Information Society, 2015, 14, 247-264.	3.0	22
21	Sufficient condition for real-time non-preemptive scheduling of interactive multimedia tasks. , 2013, , .		2
22	Pymote: High Level Python Library for Event-Based Simulation and Evaluation of Distributed Algorithms. International Journal of Distributed Sensor Networks, 2013, 9, 797354.	2.2	14
23	Robust and Accurate Genetic Scan Matching Algorithm for Robotic Navigation. Lecture Notes in Computer Science, 2011, , 584-593.	1.3	3
24	Fast Genetic Scan Matching in Mobile Robotics. Studies in Computational Intelligence, 2009, , 133-152.	0.9	2
25	A Real-Time Embedded Kernel for Nonvisual Robotic Sensors. Eurasip Journal on Embedded Systems, 2008, 2008, 390106.	1.2	1
26	Fast Genetic Scan Matching Using Corresponding Point Measurements in Mobile Robotics. , 2007, , 375-382.		7
27	SPATIAL MAP BUILDING USING FAST TEXTURE ANALYSIS OF ROTATING SONAR SENSOR DATA FOR MOBILE ROBOTS. International Journal of Pattern Recognition and Artificial Intelligence, 2005, 19, 1-20.	1.2	7