Umberto Robustelli

List of Publications by Year
in descending order

19 papers	344 citations	10 h-index	15 g-index

933447

996975

19 all docs	19 docs citations	19 times ranked	258 citing authors

#	Article	IF	Citations
1	Observation Quality Assessment and Performance of GNSS Standalone Positioning with Code Pseudoranges of Dual-Frequency Android Smartphones. Sensors, 2021, 21, 2125.	3.8	33
2	GNSS software defined receiver pseudorange error assessment. , 2021, , .		0
3	Characterization of dual frequency GNSS observations from Xiaomi Mi 8 smartphone in absence of duty cycle. AIP Conference Proceedings, 2020, , .	0.4	1
4	Low-Cost GNSS Software Receiver Performance Assessment. Geosciences (Switzerland), 2020, 10, 79.	2.2	13
5	Variable Dampers to Mitigate Structural Demand to Wind Turbines: The Role of the Monitoring System Features for the Effectiveness of the Control Strategy. Applied Sciences (Switzerland), 2020, 10, 2498.	2.5	0
6	Positioning Domain Assessment of Multi Constellation Dual Frequency Lowcost Receivers in an Highly Degraded Scenario. Communications in Computer and Information Science, 2020, , 3-15.	0.5	5
7	Galileo Single Point Positioning Assessment Including FOC Satellites in Eccentric Orbits. Remote Sensing, 2019, 11, 1555.	4.0	10
8	Assessment of pseudorange measurements of Galileo FOC satellites with incorrect highly eccentric orbits. AIP Conference Proceedings, 2019, , .	0.4	2
9	Signal in Space Error and Ephemeris Validity Time Evaluation of Milena and Doresa Galileo Satellites. Sensors, 2019, 19, 1786.	3.8	10
10	Statistical Deviations in Shoreline Detection Obtained with Direct and Remote Observations. Journal of Marine Science and Engineering, 2019, 7, 137.	2.6	13
11	Assessment of Dual Frequency GNSS Observations from a Xiaomi Mi 8 Android Smartphone and Positioning Performance Analysis. Electronics (Switzerland), 2019, 8, 91.	3.1	126
12	Code multipath analysis of Galileo FOC satellites by time-frequency representation. Applied Geomatics, 2019, 11, 69-80.	2.5	16
13	Shoreline rotation analysis of embayed beaches in the Central Thyrrenian Sea. , 2018, , .		1
14	Accuracy evaluation of Doresa and Milena Galileo satellites broadcast ephemerides. , 2018, , .		8
15	GNSS Code Multipath Short-time Fourier Transform Analysis. Navigation, Journal of the Institute of Navigation, 2018, 65, 353-362.	2.8	19
16	A new method for specular and diffuse pseudorange multipath error extraction using wavelet analysis. GPS Solutions, 2016, 20, 499-508.	4.3	42
17	Assessment of NeQuick ionospheric model for Galileo single-frequency users. Acta Geophysica, 2013, 61, 1457-1476.	2.0	27
18	GIOVE Satellites Pseudorange Error Assessment. Journal of Navigation, 2012, 65, 29-40.	1.7	9

#	Article	IF	Citations
19	A stochastic sigma model for GLONASS satellite pseudorange. Applied Geomatics, 2011, 3, 49-57.	2.5	9