

Umberto Robustelli

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

344
citations

933447

10
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

258
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A new method for specular and diffuse pseudorange multipath error extraction using wavelet analysis. GPS Solutions, 2016, 20, 499-508.	4.3	42
3	Observation Quality Assessment and Performance of GNSS Standalone Positioning with Code Pseudoranges of Dual-Frequency Android Smartphones. Sensors, 2021, 21, 2125.	3.8	33
4	Assessment of NeQuick ionospheric model for Galileo single-frequency users. Acta Geophysica, 2013, 61, 1457-1476.	2.0	27
5	GNSS Code Multipath Short-time Fourier Transform Analysis. Navigation, Journal of the Institute of Navigation, 2018, 65, 353-362.	2.8	19
6	Code multipath analysis of Galileo FOC satellites by time-frequency representation. Applied Geomatics, 2019, 11, 69-80.	2.5	16
7	Statistical Deviations in Shoreline Detection Obtained with Direct and Remote Observations. Journal of Marine Science and Engineering, 2019, 7, 137.	2.6	13
8	Low-Cost GNSS Software Receiver Performance Assessment. Geosciences (Switzerland), 2020, 10, 79.	2.2	13
9	Galileo Single Point Positioning Assessment Including FOC Satellites in Eccentric Orbits. Remote Sensing, 2019, 11, 1555.	4.0	10
10	Signal in Space Error and Ephemeris Validity Time Evaluation of Milena and Doresa Galileo Satellites. Sensors, 2019, 19, 1786.	3.8	10
11	A stochastic sigma model for GLONASS satellite pseudorange. Applied Geomatics, 2011, 3, 49-57.	2.5	9
12	GIOVE Satellites Pseudorange Error Assessment. Journal of Navigation, 2012, 65, 29-40.	1.7	9
13	Accuracy evaluation of Doresa and Milena Galileo satellites broadcast ephemerides. , 2018, , .		8
14	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
15	Assessment of pseudorange measurements of Galileo FOC satellites with incorrect highly eccentric orbits. AIP Conference Proceedings, 2019, , .	0.4	2
16	Shoreline rotation analysis of embayed beaches in the Central Tyrrhenian Sea. , 2018, , .		1
17	Characterization of dual frequency GNSS observations from Xiaomi Mi 8 smartphone in absence of duty cycle. AIP Conference Proceedings, 2020, , .	0.4	1
18	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

#	ARTICLE	IF	CITATIONS
19	GNSS software defined receiver pseudorange error assessment. , 2021, , .		0