Diego Cristallini

List of Publications by Year
in descending order

30 papers	361 citations	1040056 9 h-index	1125743 13 g-index
30 all docs	30 docs citations	30 times ranked	122 citing authors

#	Article	IF	Citations
1	Reciprocal-Filter-Based STAP for Passive Radar on Moving Platforms. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 967-988.	4.7	54
2	Advanced multipath clutter cancellation in OFDM-based passive radar systems. , 2016, , .		45
3	Maritime target imaging via simultaneous DVBâ€T and DVBâ€S passive ISAR. IET Radar, Sonar and Navigation, 2019, 13, 1479-1487.	1.8	24
4	Opportunities and current drivers for passive radar research. , 2015, , .		23
5	Passive Radar DPCA Schemes With Adaptive Channel Calibration. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 4014-4034.	4.7	23
6	Passive Radar STAP Detection and DoA Estimation Under Antenna Calibration Errors. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 2725-2742.	4.7	22
7	Experimental Study for Transmitter Imperfections in DVB-T Based Passive Radar. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 1341-1354.	4.7	21
8	Experimental results of polarimetric detection schemes for DVBâ€Tâ€based passive radar. IET Radar, Sonar and Navigation, 2017, 11, 883-891.	1.8	17
9	DVB-S Based Passive Polarimetric ISARâ€”Methods and Experimental Validation. IEEE Sensors Journal, 2021, 21, 6056-6070.	4.7	17
10	Passive ISAR for Maritime Target Imaging: Experimental Results. , 2018, , .		13
11	Receiver platform motion compensation in passive radar. IET Radar, Sonar and Navigation, 2017, 11, 922-931.	1.8	12
12	A two-stage approach for direct signal and clutter cancellation in passive radar on moving platforms. , 2019, , .		11
13	Direction of arrival estimation performance comparison of dual cancelled channels spaceâ€“time adaptive processing techniques. IET Radar, Sonar and Navigation, 2014, 8, 17-26.	1.8	9
14	Results of Airborne PCL Under CCI Conditions Using DVB-T Illuminators of Opportunity. , 2018, , .		8
15	The Influence of Channel Errors in Mobile Passive Radar using DVB-T Illuminators of Opportunity. , 2018, , .		7
16	Dual Cancelled Channel STAP for Target Detection and DOA Estimation in Passive Radar. Sensors, 2021, 21, 4569.	3.8	7
17	Passive Radar Architecture based on Broadband LEO Communication Satellite Constellations. , 2022, , .		7
18	First experimental results on multi-angle DVB-S based passive ISAR exploiting multipolar data. , 2021, , .		5

#	Article	IF	Citations
19	Airborne Passive Radar Detection for the APART-GAS Trial. , 2020, , .		5
20	Impact of Motion Estimation Errors on DVB-S Based Passive ISAR Imaging. , 2022, , .		5
21	Minimum variance power spectrum based calibration for improved clutter suppression in PCL on moving platforms. , 2019, , .		4
22	Polarimetric Antenna Diversity for Improved Reference Signal Estimation for Airborne Passive Radar. , 2020, , .		4
23	Experimental Results of Polarimetric Passive ISAR Exploiting DVB-S2 Illumination. , 2020, , .		4
24	Preliminary experimental results of STAP for passive radar on a moving platform. , 2018, , .		3
25	A Three-Stage Inter-Channel Calibration Approach for Passive Radar on Moving Platforms Exploiting the Minimum Variance Power Spectrum. Sensors, 2021, 21, 69.	3.8	3
26	Range compression strategies for passive radar on airborne platforms. , 2020, , .		2
27	Complementary direct data domain STAP for multichannel airborne passive radar. , 2021, , .		2
28	Dealing with coâ€channel interference in multiâ€channel airborne passive radar. IET Radar, Sonar and Navigation, 2021, 15, 85-100.	1.8	2
29	Comparison of DVB-T Passive Radar Simulated and Measured Bistatic RCS Values for a Pilatus PC-12 Aircraft. Sensors, 2022, 22, 2766.	3.8	1
30	First Results of Polarimetric Passive SAR Imaging. , 2022, , .		1