

# Diego Cristallini

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

361  
citations

1040056

9  
h-index

1125743

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g-index

30  
all docs

30  
docs citations

30  
times ranked

122  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of DVB-T Passive Radar Simulated and Measured Bistatic RCS Values for a Pilatus PC-12 Aircraft. <i>Sensors</i> , 2022, 22, 2766.	3.8	1
2	First Results of Polarimetric Passive SAR Imaging. , 2022, , .		1
3	Impact of Motion Estimation Errors on DVB-S Based Passive ISAR Imaging. , 2022, , .		5
4	Passive Radar Architecture based on Broadband LEO Communication Satellite Constellations. , 2022, , .		7
5	DVB-S Based Passive Polarimetric ISAR Methods and Experimental Validation. <i>IEEE Sensors Journal</i> , 2021, 21, 6056-6070.	4.7	17
6	Complementary direct data domain STAP for multichannel airborne passive radar. , 2021, , .		2
7	First experimental results on multi-angle DVB-S based passive ISAR exploiting multipolar data. , 2021, , .		5
8	Dual Cancelled Channel STAP for Target Detection and DOA Estimation in Passive Radar. <i>Sensors</i> , 2021, 21, 4569.	3.8	7
9	Passive Radar STAP Detection and DoA Estimation Under Antenna Calibration Errors. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2021, 57, 2725-2742.	4.7	22
10	A Three-Stage Inter-Channel Calibration Approach for Passive Radar on Moving Platforms Exploiting the Minimum Variance Power Spectrum. <i>Sensors</i> , 2021, 21, 69.	3.8	3
11	Dealing with co-channel interference in multi-channel airborne passive radar. <i>IET Radar, Sonar and Navigation</i> , 2021, 15, 85-100.	1.8	2
12	Polarimetric Antenna Diversity for Improved Reference Signal Estimation for Airborne Passive Radar. , 2020, , .		4
13	Passive Radar DPCA Schemes With Adaptive Channel Calibration. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2020, 56, 4014-4034.	4.7	23
14	Experimental Results of Polarimetric Passive ISAR Exploiting DVB-S2 Illumination. , 2020, , .		4
15	Range compression strategies for passive radar on airborne platforms. , 2020, , .		2
16	Airborne Passive Radar Detection for the APART-GAS Trial. , 2020, , .		5
17	Maritime target imaging via simultaneous DVB-T and DVB-S passive ISAR. <i>IET Radar, Sonar and Navigation</i> , 2019, 13, 1479-1487.	1.8	24
18	A two-stage approach for direct signal and clutter cancellation in passive radar on moving platforms. , 2019, , .		11

#	ARTICLE	IF	CITATIONS
19	Minimum variance power spectrum based calibration for improved clutter suppression in PCL on moving platforms. , 2019, , .		4
20	Reciprocal-Filter-Based STAP for Passive Radar on Moving Platforms. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 967-988.	4.7	54
21	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
22	Results of Airborne PCL Under CCI Conditions Using DVB-T Illuminators of Opportunity. , 2018, , .		8
23	Passive ISAR for Maritime Target Imaging: Experimental Results. , 2018, , .		13
24	The Influence of Channel Errors in Mobile Passive Radar using DVB-T Illuminators of Opportunity. , 2018, , .		7
25	Preliminary experimental results of STAP for passive radar on a moving platform. , 2018, , .		3
26	Experimental results of polarimetric detection schemes for DVB-T based passive radar. IET Radar, Sonar and Navigation, 2017, 11, 883-891.	1.8	17
27	Receiver platform motion compensation in passive radar. IET Radar, Sonar and Navigation, 2017, 11, 922-931.	1.8	12
28	Advanced multipath clutter cancellation in OFDM-based passive radar systems. , 2016, , .		45
29	Opportunities and current drivers for passive radar research. , 2015, , .		23
30	Direction of arrival estimation performance comparison of dual cancelled channels space-time adaptive processing techniques. IET Radar, Sonar and Navigation, 2014, 8, 17-26.	1.8	9