Alexander Charlish

List of Publications by Year
in descending order

29 papers	**312** citations	1937685 **4** h-index	1872680 **6** g-index
29 all docs	**29** docs citations	**29** times ranked	**244** citing authors

#	Article	IF	Citations
1	Micro-Doppler based detection and tracking of UAVs with multistatic radar. , 2016, , .		102
2	Phased array radar resource management using continuous double auction. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 2212-2224.	4.7	47
3	Anticipation in cognitive radar using stochastic control. , 2015, , .		35
4	Modelling, Learning and Prediction of Complex Radar Emitter Behaviour. , 2019, , .		15
5	A Mnemonic Kalman Filter for Non-Linear Systems With Extensive Temporal Dependencies. IEEE Signal Processing Letters, 2020, 27, 1005-1009.	3.6	15
6	Recognition of Unknown Radar Emitters With Machine Learning. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 4433-4447.	4.7	13
7	A resource allocation model for the radar search function. , 2014, , .		10
8	Identification of Radar Emitter Type with Recurrent Neural Networks. , 2020, , .		8
9	Correlation Based Classification of Complex PRI Modulation Types. , 2017, , .		7
10	An exact solution to track-to-track fusion using accumulated state densities. , 2013, , .		6
11	Quality of service resource management for a radar network. , 2015, , .		6
12	Knowledge based anomaly detection for ground moving targets. , 2018, , .		6
13	An Adaptive Receiver Search Strategy for Electronic Support. , 2016, , .		5
14	Cognitive radar for waveform diversity utilization. , 2021, , .		5
15	The Value of Memory: Markov Chain versus Long Short-Term Memory for Electronic Intelligence. , 2021, , .		5
16	Policy Rollout Action Selection in Continuous Domains for Sensor Path Planning. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 2247-2264.	4.7	5
17	Information theoretic measures for MFR tracking control. , 2010, , .		4
18	Quality of service management for a multi-mission radar network. , 2015, , .		4

#	Article	IF	Citations
19	A performance model for target tracking with a radar network. , 2015, , .		4
20	Towards an online, adaptive algorithm for radar surveillance control. , 2012, , .		3
21	Air route selection for improved air-to-ground situation assessment. , 2013, , .		1
22	On how the distributed Kalman filter is related to the federated Kalman filter. , 2014, , .		1
23	Quality of Service Resource Management for Search Strategy Design in Electronic Support. , 2017, , .		1
24	Guest Editorial: Cognitive Radar. IET Radar, Sonar and Navigation, 2018, 12, 1361-1362.	1.8	1
25	Distinguishing Wanted and Unwanted Targets Using Point Processes. , 2018, , .		1
26	Response to the Letter by Fred Daum. IEEE Aerospace and Electronic Systems Magazine, 2020, 35, 79-79.	1.3	1
27	A Non-Markovian Prediction for the GM-PHD Filter Based on Recurrent Neural Networks. , 2020, , .		1
28	Optimization of inter-dependent metrics for phased array radar control. , 2013, , .		0
29	Distributed radar tracking using the double debiased distributed Kalman filter. , 2014, , .		0