Daniel Romero

List of Publications by Year
in descending order

28	634	932766	1058022
papers	citations	10 h-index	14 g-index
28 all docs	28 docs citations	28 times ranked	441 citing authors

#	Article	IF	Citations
1	Deep Completion Autoencoders for Radio Map Estimation. IEEE Transactions on Wireless Communications, 2022, 21, 1710-1724.	6.1	23
2	Robust Sum-Rate Maximization for Underlay Device-to-Device Communications on Multiple Channels. IEEE Transactions on Vehicular Technology, 2022, 71, 3075-3091.	3.9	7
3	Aerial Base Station Placement Leveraging Radio Tomographic Maps. , 2022, , .		3
4	Comments on â€œDesign of Asymmetric Shift Operators for Efficient Decentralized Subspace Projectionâ€. IEEE Transactions on Signal Processing, 2022, 70, 2899-2900.	3.2	0
5	Fast Graph Filters for Decentralized Subspace Projection. IEEE Transactions on Signal Processing, 2021, 69, 150-164.	3.2	7
6	Fast Decentralized Linear Functions Via Successive Graph Shift Operators. , 2021, , .		1
7	Online Topology Identification From Vector Autoregressive Time Series. IEEE Transactions on Signal Processing, 2021, 69, 210-225.	3.2	17
8	Aerial Spectrum Surveying: Radio Map Estimation with Autonomous UAVs. , 2020, , .		5
9	Data-Driven Spectrum Cartography via Deep Completion Autoencoders. , 2020, , .		17
10	Location-Free Spectrum Cartography. IEEE Transactions on Signal Processing, 2019, 67, 4013-4026.	3.2	10
11	Reliable Underlay Device-to-Device Communications on Multiple Channels. , 2019, , .		5
12	Non-Cooperative Aerial Base Station Placement via Stochastic Optimization. , 2019, , .		7
13	Blind Radio Tomography. IEEE Transactions on Signal Processing, 2018, 66, 2055-2069.	3.2	34
14	DYNAMIC NETWORK IDENTIFICATION FROM NON-STATIONARY VECTOR AUTOREGRESSIVE TIME SERIES. , 2018, , .		6
15	DECENTRALIZED SUBSPACE PROJECTION IN LARGE NETWORKS. , 2018, , .		4
16	Fast Distributed Subspace Projection via Graph Filters. , 2018, , .		3
17	Testing Equality of Multiple Power Spectral Density Matrices. IEEE Transactions on Signal Processing, 2018, 66, 6268-6280.	3.2	5
18	Locally Optimal Invariant Detector for Testing Equality of Two Power Spectral Densities. , 2018, , .		1

#	Article	IF	Citations
19	Inference of Spatio-Temporal Functions Over Graphs via Multikernel Kriged Kalman Filtering. IEEE Transactions on Signal Processing, 2018, 66, 3228-3239.	3.2	30
20	Kernel-Based Inference of Functions Over Graphs. , 2018, , 173-198.		17
21	Learning Power Spectrum Maps From Quantized Power Measurements. IEEE Transactions on Signal Processing, 2017, 65, 2547-2560.	3.2	69
22	Kernel-based Reconstruction of Space-time Functions on Dynamic Graphs. IEEE Journal on Selected Topics in Signal Processing, 2017, , 1-1.	7.3	54
23	Kernel-Based Reconstruction of Graph Signals. IEEE Transactions on Signal Processing, 2017, 65, 764-778.	3.2	132
24	Online topology estimation for vector autoregressive processes in data networks. , 2017, , .		8
25	Randomized Block Frank–Wolfe for Convergent Large-Scale Learning. IEEE Transactions on Signal Processing, 2017, 65, 6448-6461.	3.2	14
26	Quickest convergence of online algorithms via data selection. , 2016, , .		3
27	Compressive Covariance Sensing: Structure-based compressive sensing beyond sparsity. IEEE Signal Processing Magazine, 2016, 33, 78-93.	4.6	107
28	Wideband Spectrum Sensing From Compressed Measurements Using Spectral Prior Information. IEEE Transactions on Signal Processing, 2013, 61, 6232-6246.	3.2	45