

# Daniel Romero

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

634  
citations

933447

10  
h-index

1058476

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g-index

28  
all docs

28  
docs citations

28  
times ranked

441  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kernel-Based Reconstruction of Graph Signals. IEEE Transactions on Signal Processing, 2017, 65, 764-778.	5.3	132
2	Compressive Covariance Sensing: Structure-based compressive sensing beyond sparsity. IEEE Signal Processing Magazine, 2016, 33, 78-93.	5.6	107
3	Learning Power Spectrum Maps From Quantized Power Measurements. IEEE Transactions on Signal Processing, 2017, 65, 2547-2560.	5.3	69
4	Kernel-based Reconstruction of Space-time Functions on Dynamic Graphs. IEEE Journal on Selected Topics in Signal Processing, 2017, , 1-1.	10.8	54
5	Wideband Spectrum Sensing From Compressed Measurements Using Spectral Prior Information. IEEE Transactions on Signal Processing, 2013, 61, 6232-6246.	5.3	45
6	Blind Radio Tomography. IEEE Transactions on Signal Processing, 2018, 66, 2055-2069.	5.3	34
7	Inference of Spatio-Temporal Functions Over Graphs via Multikernel Kriged Kalman Filtering. IEEE Transactions on Signal Processing, 2018, 66, 3228-3239.	5.3	30
8	Deep Completion Autoencoders for Radio Map Estimation. IEEE Transactions on Wireless Communications, 2022, 21, 1710-1724.	9.2	23
9	Kernel-Based Inference of Functions Over Graphs. , 2018, , 173-198.		17
10	Data-Driven Spectrum Cartography via Deep Completion Autoencoders. , 2020, , .		17
11	Online Topology Identification From Vector Autoregressive Time Series. IEEE Transactions on Signal Processing, 2021, 69, 210-225.	5.3	17
12	Randomized Block Frank-Wolfe for Convergent Large-Scale Learning. IEEE Transactions on Signal Processing, 2017, 65, 6448-6461.	5.3	14
13	Location-Free Spectrum Cartography. IEEE Transactions on Signal Processing, 2019, 67, 4013-4026.	5.3	10
14	Online topology estimation for vector autoregressive processes in data networks. , 2017, , .		8
15	Non-Cooperative Aerial Base Station Placement via Stochastic Optimization. , 2019, , .		7
16	Fast Graph Filters for Decentralized Subspace Projection. IEEE Transactions on Signal Processing, 2021, 69, 150-164.	5.3	7
17	Robust Sum-Rate Maximization for Underlay Device-to-Device Communications on Multiple Channels. IEEE Transactions on Vehicular Technology, 2022, 71, 3075-3091.	6.3	7
18	DYNAMIC NETWORK IDENTIFICATION FROM NON-STATIONARY VECTOR AUTOREGRESSIVE TIME SERIES. , 2018, , .		6

#	ARTICLE	IF	CITATIONS
19	Testing Equality of Multiple Power Spectral Density Matrices. IEEE Transactions on Signal Processing, 2018, 66, 6268-6280.	5.3	5
20	Reliable Underlay Device-to-Device Communications on Multiple Channels. , 2019, , .		5
21	Aerial Spectrum Surveying: Radio Map Estimation with Autonomous UAVs. , 2020, , .		5
22	DECENTRALIZED SUBSPACE PROJECTION IN LARGE NETWORKS. , 2018, , .		4
23	Quickest convergence of online algorithms via data selection. , 2016, , .		3
24	Fast Distributed Subspace Projection via Graph Filters. , 2018, , .		3
25	Aerial Base Station Placement Leveraging Radio Tomographic Maps. , 2022, , .		3
26	Locally Optimal Invariant Detector for Testing Equality of Two Power Spectral Densities. , 2018, , .		1
27	Fast Decentralized Linear Functions Via Successive Graph Shift Operators. , 2021, , .		1
28	Comments on "Design of Asymmetric Shift Operators for Efficient Decentralized Subspace Projection" IEEE Transactions on Signal Processing, 2022, 70, 2899-2900.	5.3	0