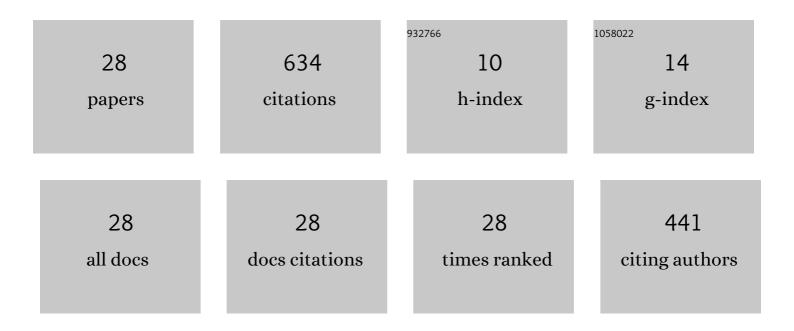
Daniel Romero

List of Publications by Year in descending order

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1

| # | 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 "Design 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 |
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Locally Optimal Invariant Detector for Testing Equality of Two Power Spectral Densities. , 2018, , .

DANIEL ROMERO

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|----|---|-----|-----------|
| 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 |