Alejandro R Ribeiro

List of Publications by Year
in descending order

379 papers	8,887 citations	38720 50 h-index	58549 82 g-index
381 all docs	381 docs citations	381 times ranked	4350 citing authors

#	Article	IF	Citations
1	Safe Policies for Reinforcement Learning via Primal-Dual Methods. IEEE Transactions on Automatic Control, 2023, 68, 1321-1336.	3.6	10
2	Constrained Learning With Non-Convex Losses. IEEE Transactions on Information Theory, 2023, 69, 1739-1760.	1.5	1
3	Approximately Supermodular Scheduling Subject to Matroid Constraints. IEEE Transactions on Automatic Control, 2022, 67, 1384-1396.	3.6	2
4	How the Word Adjacency Network (WAN) works. Digital Scholarship in the Humanities, 2022, 37, 321-335.	0.4	4
5	EdgeNets: Edge Varying Graph Neural Networks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 7457-7473.	9.7	16
6	Resource Allocation via Model-Free Deep Learning in Free Space Optical Communications. IEEE Transactions on Communications, 2022, 70, 920-934.	4.9	5
7	Scalable Perception-Action-Communication Loops With Convolutional and Graph Neural Networks. IEEE Transactions on Signal and Information Processing Over Networks, 2022, 8, 12-24.	1.6	6
8	Learning Connectivity-Maximizing Network Configurations. IEEE Robotics and Automation Letters, 2022, 7, 5552-5559.	3.3	5
9	Learning Decentralized Wireless Resource Allocations With Graph Neural Networks. IEEE Transactions on Signal Processing, 2022, 70, 1850-1863.	3.2	22
10	Policy Gradient for Continuing Tasks in Discounted Markov Decision Processes. IEEE Transactions on Automatic Control, 2022, 67, 4467-4482.	3.6	0
11	Spherical convolutional neural networks: Stability to perturbations in $SO(3)$. Signal Processing, 2022, 196, 108529.	2.1	0
12	Model-Free design of control systems over wireless fading channels. Signal Processing, 2022, 197, 108540.	2.1	5
13	Synthesizing Decentralized Controllers With Graph Neural Networks and Imitation Learning. IEEE Transactions on Signal Processing, 2022, 70, 1932-1946.	3.2	14
14	Stability of Neural Networks on Manifolds to Relative Perturbations. , 2022, , .		1
15	Stable and Transferable Wireless Resource Allocation Policies Via Manifold Neural Networks. , 2022, , .		1
16	Training Stable Graph Neural Networks Through Constrained Learning. , 2022, , .		1
17	Adaptive Wireless Power Allocation with Graph Neural Networks. , 2022, , .		2
18	Balancing Rates and Variance via Adaptive Batch-Size for Stochastic Optimization Problems. IEEE Transactions on Signal Processing, 2022, 70, 3693-3708.	3.2	2

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19	Coverage Control in Multi-Robot Systems via Graph Neural Networks. , 2022, , .		7
20	A Response to Rosalind Barberâ€™s Critique of the Word Adjacency Method for Authorship Attribution. ANQ-a Quarterly Journal of Short Articles Notes and Reviews, 2021, 34, 291-296.	0.1	2
21	Approximate Supermodularity of Kalman Filter Sensor Selection. IEEE Transactions on Automatic Control, 2021, 66, 49-63.	3.6	15
22	Stochastic Policy Gradient Ascent in Reproducing Kernel Hilbert Spaces. IEEE Transactions on Automatic Control, 2021, 66, 3429-3444.	3.6	12
23	Policy Evaluation in Continuous MDPs With Efficient Kernelized Gradient Temporal Difference. IEEE Transactions on Automatic Control, 2021, 66, 1856-1863.	3.6	7
24	Stochastic Graph Neural Networks. IEEE Transactions on Signal Processing, 2021, 69, 4428-4443.	3.2	12
25	Algebraic Neural Networks: Stability to Deformations. IEEE Transactions on Signal Processing, 2021, 69, 3351-3366.	3.2	10
26	Large Scale Distributed Collaborative Unlabeled Motion Planning With Graph Policy Gradients. IEEE Robotics and Automation Letters, 2021, 6, 5340-5347.	3.3	6
27	Almost-Zero Duality Gaps in Model-Free Resource Allocation for Wireless Systems. , 2021, , .		0
28	ROS-NetSim: A Framework for the Integration of Robotic and Network Simulators. IEEE Robotics and Automation Letters, 2021, 6, 1120-1127.	3.3	22
29	Graph Neural Networks: Architectures, Stability, and Transferability. Proceedings of the IEEE, 2021, 109, 660-682.	16.4	54
30	Source Seeking in Unknown Environments with Convex Obstacles. , 2021, , .		4
31	The Dual Graph Shift Operator: Identifying the Support of the Frequency Domain. Journal of Fourier Analysis and Applications, 2021, 27, 1.	0.5	4
32	Variance-Constrained Learning for Stochastic Graph Neural Networks. , 2021, , .		3
33	VGAI: End-to-End Learning of Vision-Based Decentralized Controllers for Robot Swarms. , 2021, , .		11
34	Wide and Deep Graph Neural Networks with Distributed Online Learning. , 2021, , .		3
35	Graphon and Graph Neural Network Stability. , 2021, , .		2
36	Discriminability of Single-Layer Graph Neural Networks. , 2021, , .		2

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37	Stability of Algebraic Neural Networks to Small Perturbations. , 2021, , .		3
38	Graph Neural Networks for Decentralized Controllers. , 2021, , .		13
39	Unsupervised Learning for Asynchronous Resource Allocation In Ad-Hoc Wireless Networks. , 2021, , .		8
40	Nonlinear State-Space Generalizations of Graph Convolutional Neural Networks. , 2021, , .		0
41	Actor-only Deterministic Policy Gradient via Zeroth-order Gradient Oracles in Action Space. , 2021, , .		0
42	Stability of graph convolutional neural networks to stochastic perturbations. Signal Processing, 2021, 188, 108216.	2.1	14
43	Graphon Filters: Signal Processing in Very Large Graphs. , 2021, , .		1
44	Graphon Signal Processing. IEEE Transactions on Signal Processing, 2021, 69, 4961-4976.	3.2	11
45	Multi-Task Reinforcement Learning in Reproducing Kernel Hilbert Spaces via Cross-Learning. IEEE Transactions on Signal Processing, 2021, 69, 5947-5962.	3.2	4
46	Multi-Robot Coverage and Exploration using Spatial Graph Neural Networks. , 2021, , .		14
47	Learning Connectivity for Data Distribution in Robot Teams. , 2021, , .		2
48	Transferable Graph Neural Networks on Large-Scale Stochastic Graphs. , 2021, , .		0
49	Stochastic Artificial Potentials for Online Safe Navigation. IEEE Transactions on Automatic Control, 2020, 65, 1985-2000.	3.6	8
50	A Response to Pervez Rizviâ€™s Critique of the Word Adjacency Method for Authorship Attribution. ANQ-a Quarterly Journal of Short Articles Notes and Reviews, 2020, 33, 332-337.	0.1	6
51	Rethinking sketching as sampling: A graph signal processing approach. Signal Processing, 2020, 169, 107404.	2.1	9
52	Invariance-Preserving Localized Activation Functions for Graph Neural Networks. IEEE Transactions on Signal Processing, 2020, 68, 127-141.	3.2	28
53	Mobile Wireless Network Infrastructure on Demand. , 2020, , .		9
54	Stochastic Quasi-Newton Methods. Proceedings of the IEEE, 2020, 108, 1906-1922.	16.4	16

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55	Sufficiently Accurate Model Learning. , 2020, , .		1
56	Random Access Communication for Wireless Control Systems With Energy Harvesting Sensors. IEEE Transactions on Signal Processing, 2020, 68, 3961-3975.	3.2	9
57	Graph-Adaptive Activation Functions for Graph Neural Networks. , 2020, , .		1
58	Wireless Power Control via Counterfactual Optimization of Graph Neural Networks. , 2020, , .		12
59	The Graphon Fourier Transform. , 2020, , .		6
60	Balancing Rates and Variance via Adaptive Batch-Sizes in First-Order Stochastic Optimization. , 2020, , .		1
61	Stability of Graph Neural Networks to Relative Perturbations. , 2020, , .		3
62	Control-Aware Scheduling for Low Latency Wireless Systems with Deep Learning. , 2020, , .		2
63	Scheduling Low Latency Traffic for Wireless Control Systems in 5G Networks. , 2020, , .		8
64	Navigation of a Quadratic Potential with Star Obstacles. , 2020, , .		1
65	Resource Allocation in Wireless Control Systems via Deep Policy Gradient. , 2020, , .		2
66	Gated Graph Recurrent Neural Networks. IEEE Transactions on Signal Processing, 2020, 68, 6303-6318.	3.2	67
67	Stability Properties of Graph Neural Networks. IEEE Transactions on Signal Processing, 2020, 68, 5680-5695.	3.2	82
68	Model-Free Learning of Optimal Ergodic Policies in Wireless Systems. IEEE Transactions on Signal Processing, 2020, 68, 6272-6286.	3.2	8
69	Spatial Gating Strategies for Graph Recurrent Neural Networks. , 2020, , .		0
70	Better Safe Than Sorry: Risk-Aware Nonlinear Bayesian Estimation. , 2020, , .		7
71	Optimal Power Flow Using Graph Neural Networks. , 2020, , .		57
72	The Empirical Duality Gap of Constrained Statistical Learning. , 2020, , .		5

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73	Optimal Wireless Resource Allocation With Random Edge Graph Neural Networks. IEEE Transactions on Signal Processing, 2020, 68, 2977-2991.	3.2	144
74	Federated Classification with Low Complexity Reproducing Kernel Hilbert Space Representations. , 2020, , .		0
75	Distributed Constrained Online Learning. IEEE Transactions on Signal Processing, 2020, 68, 3486-3499.	3.2	11
76	Transferable Policies for Large Scale Wireless Networks with Graph Neural Networks. , 2020, , .		2
77	Stochastic Graph Neural Networks. , 2020, , .		6
78	Metric Representations of Networks: A Uniqueness Result. , 2020, , .		0
79	Sparse Multiresolution Representations With Adaptive Kernels. IEEE Transactions on Signal Processing, 2020, 68, 2031-2044.	3.2	2
80	Functional Nonlinear Sparse Models. IEEE Transactions on Signal Processing, 2020, 68, 2449-2463.	3.2	4
81	Graph Neural Networks for Decentralized Multi-Robot Path Planning. , 2020, , .		90
82	Graphs, Convolutions, and Neural Networks: From Graph Filters to Graph Neural Networks. IEEE Signal Processing Magazine, 2020, 37, 128-138.	4.6	90
83	A Zeroth-Order Learning Algorithm for Ergodic Optimization of Wireless Systems with no Models and no Gradients. , 2020, , .		1
84	Resource Allocation in Large-Scale Wireless Control Systems with Graph Neural Networks. IFAC-PapersOnLine, 2020, 53, 2634-2641.	0.5	3
85	Decentralized Wireless Resource Allocation with Graph Neural Networks. , 2020, , .		1
86	Controllability of Bandlimited Graph Processes Over Random Time Varying Graphs. IEEE Transactions on Signal Processing, 2019, 67, 6440-6454.	3.2	19
87	Modeling mmWave Channels in High-Fidelity Simulations of Unmanned Aerial Systems. , 2019, , .		1
88	Sparse Learning of Parsimonious Reproducing Kernel Hilbert Space Models. , 2019, , .		4
89	Large Scale Wireless Power Allocation with Graph Neural Networks. , 2019, , .		15
90	A Newton-Based Method for Nonconvex Optimization with Fast Evasion of Saddle Points. SIAM Journal on Optimization, 2019, 29, 343-368.	1.2	12

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91	Dual Domain Learning of Optimal Resource Allocations in Wireless Systems. , 2019, , .		2
92	Median Activation Functions for Graph Neural Networks. , 2019, , .		4
93	Sparse Recovery over Nonlinear Dictionaries. , 2019, , .		2
94	Aggregation Graph Neural Networks. , 2019, , .		9
95	Control Aware Radio Resource Allocation in Low Latency Wireless Control Systems. IEEE Internet of Things Journal, 2019, 6, 7878-7890.	5.5	43
96	Control Aware Communication Design for Time Sensitive Wireless Systems. , 2019, , .		5
97	Connecting the Dots: Identifying Network Structure via Graph Signal Processing. IEEE Signal Processing Magazine, 2019, 36, 16-43.	4.6	251
98	Learning Optimal Resource Allocations in Wireless Systems. IEEE Transactions on Signal Processing, 2019, 67, 2775-2790.	3.2	150
99	Ergodicity in Stationary Graph Processes: A Weak Law of Large Numbers. IEEE Transactions on Signal Processing, 2019, 67, 2761-2774.	3.2	11
100	Inverse Optimal Planning for Air Traffic Control. , 2019, , .		2
101	Constrained Online Learning in Networks with Sublinear Regret and Fit. , 2019, , .		2
102	Learning Safe Unlabeled Multi-Robot Planning with Motion Constraints. , 2019, , .		12
103	Meta-Learning through Coupled Optimization in Reproducing Kernel Hilbert Spaces. , 2019, , .		4
104	Navigation of a Quadratic Potential with Ellipsoidal Obstacles. , 2019, , .		8
105	Learning Gaussian Processes with Bayesian Posterior Optimization. , 2019, , .		0
106	Gated Graph Convolutional Recurrent Neural Networks. , 2019, , .		25
107	Learning Safe Policies via Primal-Dual Methods. , 2019, , .		12
108	Convolutional Graph Neural Networks. , 2019, , .		8

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109	Matroid-Constrained Approximately Supermodular Optimization for Near-Optimal Actuator Scheduling. , 2019, , .		4
110	Multi-mode Autonomous Communication Systems. , 2019, , .		2
111	Design Strategies for Sparse Control Of Random Time-Varying NETWORKS. , 2019, , .		0
112	Policy Improvement Directions for Reinforcement Learning in Reproducing Kernel Hilbert Spaces. , 2019, , .		2
113	Generalizing Graph Convolutional Neural Networks with Edge-Variant Recursions on Graphs. , 2019, , .		5
114	Model Predictive Selection: A Receding Horizon Scheme for Actuator Selection. , 2019, , .		2
115	Real-Time Model Predictive Control Based on Prediction-Correction Algorithms. , 2019, , .		8
116	A Primal-Dual Quasi-Newton Method for Exact Consensus Optimization. IEEE Transactions on Signal Processing, 2019, 67, 5983-5997.	3.2	24
117	Convolutional Neural Network Architectures for Signals Supported on Graphs. IEEE Transactions on Signal Processing, 2019, 67, 1034-1049.	3.2	169
118	Learning in Wireless Control Systems Over Nonstationary Channels. IEEE Transactions on Signal Processing, 2019, 67, 1123-1137.	3.2	17
119	A Prediction-Correction Primal-Dual Algorithm for Distributed Optimization. , 2019, , .		1
120	A Graph Signal Processing Perspective on Functional Brain Imaging. Proceedings of the IEEE, 2018, 106, 868-885.	16.4	172
121	Prediction-Correction Interior-Point Method for Time-Varying Convex Optimization. IEEE Transactions on Automatic Control, 2018, 63, 1973-1986.	3.6	73
122	Hierarchical clustering of asymmetric networks. Advances in Data Analysis and Classification, 2018, 12, 65-105.	0.9	13
123	Functional alignment with anatomical networks is associated with cognitive flexibility. Nature Human Behaviour, 2018, 2, 156-164.	6.2	140
124	Random access design for wireless control systems. Automatica, 2018, 91, 1-9.	3.0	27
125	Navigation Functions for Convex Potentials in a Space With Convex Obstacles. IEEE Transactions on Automatic Control, 2018, 63, 2944-2959.	3.6	62
126	Decentralized Online Learning With Kernels. IEEE Transactions on Signal Processing, 2018, 66, 3240-3255.	3.2	40

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127	Hierarchical Clustering Given Confidence Intervals of Metric Distances. IEEE Transactions on Signal Processing, 2018, 66, 2600-2615.	3.2	9
128	Distributed Inertial Best-Response Dynamics. IEEE Transactions on Automatic Control, 2018, 63, 4294-4300.	3.6	21
129	Greedy Sampling of Graph Signals. IEEE Transactions on Signal Processing, 2018, 66, 34-47.	3.2	84
130	Demand Response With Communicating Rational Consumers. IEEE Transactions on Smart Grid, 2018, 9, 469-482.	6.2	9
131	Hierarchical Overlapping Clustering of Network Data Using Cut Metrics. IEEE Transactions on Signal and Information Processing Over Networks, 2018, 4, 392-406.	1.6	2
132	Network Comparison: Embeddings and Interiors. IEEE Transactions on Signal Processing, 2018, 66, 412-427.	3.2	3
133	Control of Graph Signals Over Random Time-Varying Graphs. , 2018, , .		5
134	Learning Sample-Efficient Target Reaching for Mobile Robots. , 2018, , .		1
135	Online Deep Learning in Wireless Communication Systems. , 2018, , .		5
136	CNN ARCHITECTURES FOR GRAPH DATA. , 2018, , .		0
137	Parallel Stochastic Successive Convex Approximation Method for Large-Scale Dictionary Learning. , 2018, , .		6
138	Composable Learning with Sparse Kernel Representations. , 2018, , .		0
139	Predicting Power Outages Using Graph Neural Networks. , 2018, , .		34
140	Decentralized Online Nonparametric Learning. , 2018, , .		0
141	Strong Duality of Sparse Functional Optimization. , 2018, , .		6
142	Locally Adaptive Kernel Estimation Using Sparse Functional Programming. , 2018, , .		2
143	A Newton Method for Faster Navigation in Cluttered Environments. , 2018, , .		0
144	Learning Policies for Markov Decision Processes in Continuous Spaces. , 2018, , .		1

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145	Distributed Smooth and Strongly Convex Optimization with Inexact Dual Methods. , 2018, , .		6
146	Matrix Completion as Graph Bandlimited Reconstruction. , 2018, , .		1
147	Learning Statistically Accurate Resource Allocations in Non-Stationary Wireless Systems. , 2018, , .		2
148	Graph Signal Processing of Human Brain Imaging Data. , 2018, , .		2
149	Analysis of Optimization Algorithms via Integral Quadratic Constraints: Nonstrongly Convex Problems. SIAM Journal on Optimization, 2018, 28, 2654-2689.	1.2	55
150	CONVOLUTIONAL NEURAL NETWORKS VIA NODE-VARYING GRAPH FILTERS. , 2018, , .		15
151	Optimization of Switched Linear Systems Over Non-Stationary Wireless Channels. , 2018, , .		0
152	IQN: An Incremental Quasi-Newton Method with Local Superlinear Convergence Rate. SIAM Journal on Optimization, 2018, 28, 1670-1698.	1.2	33
153	Stylometric analysis of Early Modern period English plays. Digital Scholarship in the Humanities, 2018, 33, 500-528.	0.4	23
154	Stochastic Routing and Scheduling Policies for Energy Harvesting Communication Networks. IEEE Transactions on Signal Processing, 2018, 66, 3363-3376.	3.2	12
155	Multiagent Distributed Optimization. , 2018, , 147-167.		2
156	Game Theoretic Learning. , 2018, , 209-235.		1
157	Distributed Fictitious Play for Multiagent Systems in Uncertain Environments. IEEE Transactions on Automatic Control, 2018, 63, 1177-1184.	3.6	16
158	Surpassing Gradient Descent Provably: A Cyclic Incremental Method with Linear Convergence Rate. SIAM Journal on Optimization, 2018, 28, 1420-1447.	1.2	15
159	Learning in Non-Stationary Wireless Control Systems via Newton's Method. , 2018, , .		5
160	A Prediction-Correction Method for Model Predictive Control. , 2018, , .		9
161	MIMO Graph Filters for Convolutional Neural Networks. , 2018, , .		6
162	Rating Prediction via Graph Signal Processing. IEEE Transactions on Signal Processing, 2018, 66, 5066-5081.	3.2	50

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163	Nonparametric Stochastic Compositional Gradient Descent for Q-Learning in Continuous Markov Decision Problems. , 2018, , .		14
164	Admissible Hierarchical Clustering Methods and Algorithms for Asymmetric Networks. IEEE Transactions on Signal and Information Processing Over Networks, 2017, 3, 711-727.	1.6	4
165	Online Learning of Feasible Strategies in Unknown Environments. IEEE Transactions on Automatic Control, 2017, 62, 2807-2822.	3.6	32
166	D4L: Decentralized Dynamic Discriminative Dictionary Learning. IEEE Transactions on Signal and Information Processing Over Networks, 2017, 3, 728-743.	1.6	15
167	Decentralized Quasi-Newton Methods. IEEE Transactions on Signal Processing, 2017, 65, 2613-2628.	3.2	77
168	Decentralized Prediction-Correction Methods for Networked Time-Varying Convex Optimization. IEEE Transactions on Automatic Control, 2017, 62, 5724-5738.	3.6	54
169	Proximity Without Consensus in Online Multiagent Optimization. IEEE Transactions on Signal Processing, 2017, 65, 3062-3077.	3.2	52
170	Optimal Graph-Filter Design and Applications to Distributed Linear Network Operators. IEEE Transactions on Signal Processing, 2017, 65, 4117-4131.	3.2	194
171	A double incremental aggregated gradient method with linear convergence rate for large-scale optimization. , 2017, , .		0
172	Axiomatic hierarchical clustering given intervals of metric distances. , 2017, , .		1
173	Concurrent Control of Mobility and Communication in Multirobot Systems. IEEE Transactions on Robotics, 2017, 33, 1248-1254.	7.3	54
174	Stochastic Averaging for Constrained Optimization With Application to Online Resource Allocation. IEEE Transactions on Signal Processing, 2017, 65, 3078-3093.	3.2	38
175	Blind Identification of Graph Filters. IEEE Transactions on Signal Processing, 2017, 65, 1146-1159.	3.2	59
176	Brain network efficiency is influenced by the pathologic source of corticobasal syndrome. Neurology, 2017, 89, 1373-1381.	1.5	27
177	Network Topology Inference from Spectral Templates. IEEE Transactions on Signal and Information Processing Over Networks, 2017, 3, 467-483.	1.6	178
178	Stationary Graph Processes and Spectral Estimation. IEEE Transactions on Signal Processing, 2017, 65, 5911-5926.	3.2	133
179	Universal bounds for the sampling of graph signals. , 2017, , .		1
180	Brain signal analytics from graph signal processing perspective. , 2017, , .		13

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181	Random access policies for wireless networked control systems with energy harvesting sensors. , 2017, , .		3
182	An incremental quasi-Newton method with a local superlinear convergence rate. , 2017, , .		2
183	Large-scale nonconvex stochastic optimization by Doubly Stochastic Successive Convex approximation. , 2017, , .		5
184	Robust network topology inference. , 2017, , .		2
185	Stochastic backpressure in energy harvesting networks. , 2017, , .		4
186	Persistent Homology Lower Bounds on High-Order Network Distances. IEEE Transactions on Signal Processing, 2017, 65, 319-334.	3.2	12
187	Network Newton Distributed Optimization Methods. IEEE Transactions on Signal Processing, 2017, 65, 146-161.	3.2	122
188	The mean square error in Kalman filtering sensor selection is approximately supermodular. , 2017, , .		21
189	Design of weighted median graph filters. , 2017, , .		12
190	A primal-dual Quasi-Newton method for consensus optimization. , 2017, , .		1
191	Weak law of large numbers for stationary graph processes. , 2017, , .		7
192	Parsimonious Online Learning with Kernels via sparse projections in function space. , 2017, , .		18
193	Collaborative filtering via graph signal processing. , 2017, , .		9
194	A dynamical systems perspective to convergence rate analysis of proximal algorithms. , 2017, , .		3
195	Finite-precision effects on graph filters. , 2017, , .		8
196	Safe online navigation of convex potentials in spaces with convex obstacles. , 2017, , .		2
197	Stationary graph processes: Parametric power spectral estimation. , 2017, , .		1
198	Partial embedding distance for networks. , 2017, , .		0

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199	Decentralized efficient nonparametric stochastic optimization. , 2017, , .		4
200	A variational approach to dual methods for constrained convex optimization. , 2017, , .		9
201	Distributed estimation of smooth graph power spectral density. , 2017, , .		0
202	Representable Hierarchical Clustering Methods for Asymmetric Networks. Studies in Classification, Data Analysis, and Knowledge Organization, 2017, , 83-95.	0.1	0
203	Attributing the Authorship of the Henry VI Plays by Word Adjacency. Shakespeare Quarterly, 2016, 67, 232-256.	0.2	48
204	Doubly stochastic algorithms for large-scale optimization. , 2016, , .		0
205	A Class of Prediction-Correction Methods for Time-Varying Convex Optimization. IEEE Transactions on Signal Processing, 2016, 64, 4576-4591.	3.2	83
206	Rethinking sketching as sampling: Linear transforms of graph signals. , 2016, , .		8
207	Network topology identification from imperfect spectral templates. , 2016, , .		4
208	A Quasi-newton prediction-correction method for decentralized dynamic convex optimization. , 2016, , .		4
209	Learning pure-strategy Nash equilibria in networked multi-agent systems with uncertainty. , 2016, , .		0
210	Online optimization in dynamic environments: Improved regret rates for strongly convex problems. , 2016, , .		95
211	A decentralized quasi-Newton method for dual formulations of consensus optimization. , 2016, , .		7
212	Self-triggered time-varying convex optimization. , 2016, , .		22
213	State-based communication design for wireless control systems. , 2016, , .		20
214	Online learning for characterizing unknown environments in ground robotic vehicle models. , 2016, , .		12
215	Blind identification of graph filters with multiple sparse inputs. , 2016, , .		4
216	Persistent homology lower bounds on network distances. , 2016, , .		9

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217	Linear network operators using node-variant graph filters. , 2016, , .		5
218	A data-driven approach to stochastic network optimization. , 2016, , .		1
219	Space-shift sampling of graph signals. , 2016, , .		0
220	Proximity without consensus in online multi-agent optimization. , 2016, , .		17
221	Doubly random parallel stochastic methods for large scale learning. , 2016, , .		12
222	Center-weighted median graph filters. , 2016, , .		13
223	Distributed fictitious play for multi-agent systems with uncertainty. , 2016, , .		0
224	Stationary graph processes: Nonparametric spectral estimation. , 2016, , .		6
225	A decentralized Second-Order Method for Dynamic Optimization. , 2016, , .		6
226	Distributed continuous-time online optimization using saddle-point methods. , 2016, , .		14
227	DQM: Decentralized Quadratically Approximated Alternating Direction Method of Multipliers. IEEE Transactions on Signal Processing, 2016, 64, 5158-5173.	3.2	77
228	Overlapping clustering of network data using cut metrics. , 2016, , .		2
229	Network topology identification from spectral templates. , 2016, , .		9
230	Graph Frequency Analysis of Brain Signals. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 1189-1203.	7.3	124
231	A Decentralized Second-Order Method with Exact Linear Convergence Rate for Consensus Optimization. IEEE Transactions on Signal and Information Processing Over Networks, 2016, 2, 507-522.	1.6	73
232	System architectures for communication-aware multi-robot navigation. , 2016, , .		2
233	Interior point method for dynamic constrained optimization in continuous time. , 2016, , .		17
234	Near-optimality of greedy set selection in the sampling of graph signals. , 2016, , .		15

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235	Persistent homology lower bounds on distances in the space of networks. , 2016, , .		0
236	Axiomatic hierarchical clustering for intervals of metric distances. , 2016, , .		2
237	Rethinking sketching as sampling: Efficient approximate solution to linear inverse problems. , 2016, , .		1
238	Decentralized online optimization with heterogeneous data sources. , 2016, , .		0
239	Decentralized constrained consensus optimization with primal dual splitting projection. , 2016, , .		6
240	Hybrid architecture for communication-aware multi-robot systems. , 2016, , .		7
241	Control-Aware Random Access Communication. , 2016, , .		12
242	Reconstruction of Graph Signals Through Percolation from Seeding Nodes. IEEE Transactions on Signal Processing, 2016, 64, 4363-4378.	3.2	69
243	Diffusion filtering of graph signals and its use in recommendation systems. , 2016, , .		21
244	Sampling of Graph Signals With Successive Local Aggregations. IEEE Transactions on Signal Processing, 2016, 64, 1832-1843.	3.2	205
245	Metrics in the Space of High Order Networks. IEEE Transactions on Signal Processing, 2016, 64, 615-629.	3.2	14
246	Learning to Coordinate in Social Networks. Operations Research, 2016, 64, 605-621.	1.2	9
247	Stability and Continuity of Centrality Measures in Weighted Graphs. IEEE Transactions on Signal Processing, 2016, 64, 543-555.	3.2	65
248	An asynchronous Quasi-Newton method for consensus optimization. , 2016, , .		3
249	An approximate Newton method for distributed optimization. , 2015, , .		20
250	Aggregation sampling of graph signals in the presence of noise. , 2015, , .		2
251	Sampling of graph signals: Successive local aggregations at a single node. , 2015, , .		6
252	Rational consumer behavior models in smart pricing. , 2015, , .		1

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