

Alejandro R Ribeiro

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

298
papers

5,415
citations

41
h-index

65
g-index

381
ext. papers

7,237
ext. citations

4.7
avg, IF

6.63
L-index

#	Paper	IF	Citations
298	Scalable Perception-Action-Communication Loops With Convolutional and Graph Neural Networks. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2022 , 8, 12-24	2.8	0
297	Learning Connectivity-Maximizing Network Configurations. <i>IEEE Robotics and Automation Letters</i> , 2022 , 1-1	4.2	0
296	Learning Decentralized Wireless Resource Allocations with Graph Neural Networks. <i>IEEE Transactions on Signal Processing</i> , 2022 , 1-1	4.8	3
295	Policy Gradient for Continuing Tasks in Discounted Markov Decision Processes. <i>IEEE Transactions on Automatic Control</i> , 2022 , 1-1	5.9	
294	Spherical convolutional neural networks: Stability to perturbations in $SO(3)$. <i>Signal Processing</i> , 2022 , 196, 108529	4.4	
293	Model-Free design of control systems over wireless fading channels. <i>Signal Processing</i> , 2022 , 197, 108540	4.4	1
292	Synthesizing Decentralized Controllers with Graph Neural Networks and Imitation Learning. <i>IEEE Transactions on Signal Processing</i> , 2022 , 1-1	4.8	2
291	Safe Policies for Reinforcement Learning via Primal-Dual Methods. <i>IEEE Transactions on Automatic Control</i> , 2022 , 1-1	5.9	0
290	Multi-Robot Coverage and Exploration using Spatial Graph Neural Networks 2021 ,		2
289	Resource Allocation via Model-Free Deep Learning in Free Space Optical Communications. <i>IEEE Transactions on Communications</i> , 2021 , 1-1	6.9	1
288	Multi-Task Reinforcement Learning in Reproducing Kernel Hilbert Spaces via Cross-Learning. <i>IEEE Transactions on Signal Processing</i> , 2021 , 1-1	4.8	1
287	ROS-NetSim: A Framework for the Integration of Robotic and Network Simulators. <i>IEEE Robotics and Automation Letters</i> , 2021 , 6, 1120-1127	4.2	5
286	Graph Neural Networks: Architectures, Stability, and Transferability. <i>Proceedings of the IEEE</i> , 2021 , 109, 660-682	14.3	20
285	The Dual Graph Shift Operator: Identifying the Support of the Frequency Domain. <i>Journal of Fourier Analysis and Applications</i> , 2021 , 27, 1	1.1	2
284	VGAI: End-to-End Learning of Vision-Based Decentralized Controllers for Robot Swarms 2021 ,		3
283	Discriminability of Single-Layer Graph Neural Networks 2021 ,		1
282	Graph Neural Networks for Decentralized Controllers 2021 ,		2

281	Unsupervised Learning for Asynchronous Resource Allocation In Ad-Hoc Wireless Networks 2021 ,		4
280	Approximate Supermodularity of Kalman Filter Sensor Selection. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 49-63	5.9	6
279	Stochastic Policy Gradient Ascent in Reproducing Kernel Hilbert Spaces. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 3429-3444	5.9	5
278	Policy Evaluation in Continuous MDPs With Efficient Kernelized Gradient Temporal Difference. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 1856-1863	5.9	4
277	Approximately Supermodular Scheduling Subject to Matroid Constraints. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	0
276	Stochastic Graph Neural Networks. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 4428-4443	4.8	2
275	Algebraic Neural Networks: Stability to Deformations. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 3351-3366	4.8	2
274	Large Scale Distributed Collaborative Unlabeled Motion Planning With Graph Policy Gradients. <i>IEEE Robotics and Automation Letters</i> , 2021 , 1-1	4.2	1
273	Stability of graph convolutional neural networks to stochastic perturbations. <i>Signal Processing</i> , 2021 , 188, 108216	4.4	4
272	. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 4961-4976	4.8	4
271	EdgeNets:Edge Varying Graph Neural Networks. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , PP,	13.3	2
270	Stability Properties of Graph Neural Networks. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 5680-5695	4.5	31
269	Model-Free Learning of Optimal Ergodic Policies in Wireless Systems. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 6272-6286	4.8	1
268	Better Safe Than Sorry: Risk-Aware Nonlinear Bayesian Estimation 2020 ,		2
267	Optimal Power Flow Using Graph Neural Networks 2020 ,		17
266	Optimal Wireless Resource Allocation With Random Edge Graph Neural Networks. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 2977-2991	4.8	55
265	Distributed Constrained Online Learning. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 3486-3499	4.8	1
264	A Response to Rosalind Barber's Critique of the Word Adjacency Method for Authorship Attribution. <i>ANQ-a Quarterly Journal of Short Articles Notes and Reviews</i> , 2020 , 1-6	0	1

263	Transferable Policies for Large Scale Wireless Networks with Graph Neural Networks 2020 ,		2
262	Stochastic Graph Neural Networks 2020 ,		2
261	Sparse Multiresolution Representations With Adaptive Kernels. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 2031-2044	4.8	0
260	Functional Nonlinear Sparse Models. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 2449-2463	4.8	2
259	Decentralized Wireless Resource Allocation with Graph Neural Networks 2020 ,		1
258	Graph Neural Networks for Decentralized Multi-Robot Path Planning 2020 ,		23
257	. <i>IEEE Signal Processing Magazine</i> , 2020 , 37, 128-138	9.4	28
256	Resource Allocation in Large-Scale Wireless Control Systems with Graph Neural Networks. <i>IFAC-PapersOnLine</i> , 2020 , 53, 2634-2641	0.7	2
255	Rethinking sketching as sampling: A graph signal processing approach. <i>Signal Processing</i> , 2020 , 169, 107404	4.4	6
254	Invariance-Preserving Localized Activation Functions for Graph Neural Networks. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 127-141	4.8	14
253	Mobile Wireless Network Infrastructure on Demand 2020 ,		5
252	Stochastic Quasi-Newton Methods. <i>Proceedings of the IEEE</i> , 2020 , 108, 1906-1922	14.3	3
251	Random Access Communication for Wireless Control Systems With Energy Harvesting Sensors. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 3961-3975	4.8	4
250	Wireless Power Control via Counterfactual Optimization of Graph Neural Networks 2020 ,		6
249	The Graphon Fourier Transform 2020 ,		3
248	Control-Aware Scheduling for Low Latency Wireless Systems with Deep Learning 2020 ,		1
247	Scheduling Low Latency Traffic for Wireless Control Systems in 5G Networks 2020 ,		2
246	Resource Allocation in Wireless Control Systems via Deep Policy Gradient 2020 ,		1

245	Gated Graph Recurrent Neural Networks. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 6303-6318	4.8	17
244	Stochastic Artificial Potentials for Online Safe Navigation. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 1985-2000	5.9	2
243	A Response to Pervez Rizvi's Critique of the Word Adjacency Method for Authorship Attribution. <i>ANQ-a Quarterly Journal of Short Articles Notes and Reviews</i> , 2020 , 33, 332-337	0	1
242	Sparse Learning of Parsimonious Reproducing Kernel Hilbert Space Models 2019 ,		3
241	Large Scale Wireless Power Allocation with Graph Neural Networks 2019 ,		10
240	A Newton-Based Method for Nonconvex Optimization with Fast Evasion of Saddle Points. <i>SIAM Journal on Optimization</i> , 2019 , 29, 343-368	2	7
239	Dual Domain Learning of Optimal Resource Allocations in Wireless Systems 2019 ,		1
238	Median Activation Functions for Graph Neural Networks 2019 ,		4
237	Aggregation Graph Neural Networks 2019 ,		5
236	Control Aware Radio Resource Allocation in Low Latency Wireless Control Systems. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 7878-7890	10.7	22
235	Control Aware Communication Design for Time Sensitive Wireless Systems 2019 ,		3
234	. <i>IEEE Signal Processing Magazine</i> , 2019 , 36, 16-43	9.4	138
233	Learning Optimal Resource Allocations in Wireless Systems. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 2775-2790	4.8	74
232	Ergodicity in Stationary Graph Processes: A Weak Law of Large Numbers. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 2761-2774	4.8	9
231	. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 6440-6454	4.8	11
230	Modeling mmWave Channels in High-Fidelity Simulations of Unmanned Aerial Systems 2019 ,		1
229	Inverse Optimal Planning for Air Traffic Control 2019 ,		1
228	Constrained Online Learning in Networks with Sublinear Regret and Fit 2019 ,		2

227	Learning Safe Unlabeled Multi-Robot Planning with Motion Constraints 2019 ,		7
226	Gated Graph Convolutional Recurrent Neural Networks 2019 ,		11
225	Learning Safe Policies via Primal-Dual Methods 2019 ,		3
224	Convolutional Graph Neural Networks 2019 ,		3
223	Matroid-Constrained Approximately Supermodular Optimization for Near-Optimal Actuator Scheduling 2019 ,		3
222	Generalizing Graph Convolutional Neural Networks with Edge-Variant Recursions on Graphs 2019 ,		3
221	Real-Time Model Predictive Control Based on Prediction-Correction Algorithms 2019 ,		3
220	A Primal-Dual Quasi-Newton Method for Exact Consensus Optimization. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 5983-5997	4.8	10
219	Convolutional Neural Network Architectures for Signals Supported on Graphs. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 1034-1049	4.8	94
218	Learning in Wireless Control Systems Over Nonstationary Channels. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 1123-1137	4.8	8
217	. <i>Proceedings of the IEEE</i> , 2018 , 106, 868-885	14.3	91
216	Prediction-Correction Interior-Point Method for Time-Varying Convex Optimization. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 1973-1986	5.9	36
215	Hierarchical clustering of asymmetric networks. <i>Advances in Data Analysis and Classification</i> , 2018 , 12, 65-105	1.8	5
214	Functional Alignment with Anatomical Networks is Associated with Cognitive Flexibility. <i>Nature Human Behaviour</i> , 2018 , 2, 156-164	12.8	66
213	Random access design for wireless control systems. <i>Automatica</i> , 2018 , 91, 1-9	5.7	15
212	Navigation Functions for Convex Potentials in a Space With Convex Obstacles. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 2944-2959	5.9	24
211	Decentralized Online Learning With Kernels. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 3240-3255	4.8	25
210	Hierarchical Clustering Given Confidence Intervals of Metric Distances. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 2600-2615	4.8	2

209	Distributed Inertial Best-Response Dynamics. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 4294-4309		8
208	Greedy Sampling of Graph Signals. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 34-47	4.8	48
207	Demand Response With Communicating Rational Consumers. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 469-482	10.7	8
206	Hierarchical Overlapping Clustering of Network Data Using Cut Metrics. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2018 , 4, 392-406	2.8	
205	Multiagent Distributed Optimization 2018 , 147-167		1
204	Game Theoretic Learning 2018 , 209-235		1
203	Distributed Fictitious Play for Multiagent Systems in Uncertain Environments. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 1177-1184	5.9	4
202	Surpassing Gradient Descent Provably: A Cyclic Incremental Method with Linear Convergence Rate. <i>SIAM Journal on Optimization</i> , 2018 , 28, 1420-1447	2	11
201	Learning in Non-Stationary Wireless Control Systems via Newton's Method 2018 ,		4
200	A Prediction-Correction Method for Model Predictive Control 2018 ,		8
199	MIMO Graph Filters for Convolutional Neural Networks 2018 ,		4
198	Rating Prediction via Graph Signal Processing. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 5066-5081	4.8	29
197	Nonparametric Stochastic Compositional Gradient Descent for Q-Learning in Continuous Markov Decision Problems 2018 ,		7
196	. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 412-427	4.8	1
195	2018 ,		3
194	Online Deep Learning in Wireless Communication Systems 2018 ,		2
193	Parallel Stochastic Successive Convex Approximation Method for Large-Scale Dictionary Learning 2018 ,		5
192	Predicting Power Outages Using Graph Neural Networks 2018 ,		11

191	Distributed Smooth and Strongly Convex Optimization with Inexact Dual Methods 2018 ,		4
190	Matrix Completion as Graph Bandlimited Reconstruction 2018 ,		1
189	Graph Signal Processing of Human Brain Imaging Data 2018 ,		1
188	Analysis of Optimization Algorithms via Integral Quadratic Constraints: Nonstrongly Convex Problems. <i>SIAM Journal on Optimization</i> , 2018 , 28, 2654-2689	2	33
187	CONVOLUTIONAL NEURAL NETWORKS VIA NODE-VARYING GRAPH FILTERS 2018 ,		10
186	IQN: An Incremental Quasi-Newton Method with Local Superlinear Convergence Rate. <i>SIAM Journal on Optimization</i> , 2018 , 28, 1670-1698	2	17
185	Stylometric analysis of Early Modern period English plays. <i>Digital Scholarship in the Humanities</i> , 2018 , 33, 500-528	0.6	9
184	. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 3363-3376	4.8	8
183	Admissible Hierarchical Clustering Methods and Algorithms for Asymmetric Networks. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2017 , 3, 711-727	2.8	3
182	Online Learning of Feasible Strategies in Unknown Environments. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 2807-2822	5.9	19
181	D4L: Decentralized Dynamic Discriminative Dictionary Learning. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2017 , 3, 728-743	2.8	9
180	Decentralized Quasi-Newton Methods. <i>IEEE Transactions on Signal Processing</i> , 2017 , 65, 2613-2628	4.8	55
179	Decentralized Prediction-Correction Methods for Networked Time-Varying Convex Optimization. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 5724-5738	5.9	32
178	Proximity Without Consensus in Online Multiagent Optimization. <i>IEEE Transactions on Signal Processing</i> , 2017 , 65, 3062-3077	4.8	37
177	Optimal Graph-Filter Design and Applications to Distributed Linear Network Operators. <i>IEEE Transactions on Signal Processing</i> , 2017 , 65, 4117-4131	4.8	130
176	Axiomatic hierarchical clustering given intervals of metric distances 2017 ,		1
175	. <i>IEEE Transactions on Robotics</i> , 2017 , 33, 1248-1254	6.5	29
174	. <i>IEEE Transactions on Signal Processing</i> , 2017 , 65, 3078-3093	4.8	29

173	Blind Identification of Graph Filters. <i>IEEE Transactions on Signal Processing</i> , 2017 , 65, 1146-1159	4.8	44
172	Decentralized efficient nonparametric stochastic optimization 2017 ,		2
171	A variational approach to dual methods for constrained convex optimization 2017 ,		3
170	Brain network efficiency is influenced by the pathologic source of corticobasal syndrome. <i>Neurology</i> , 2017 , 89, 1373-1381	6.5	20
169	Network Topology Inference from Spectral Templates. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2017 , 3, 467-483	2.8	107
168	. <i>IEEE Transactions on Signal Processing</i> , 2017 , 65, 5911-5926	4.8	82
167	Universal bounds for the sampling of graph signals 2017 ,		1
166	Brain signal analytics from graph signal processing perspective 2017 ,		10
165	Random access policies for wireless networked control systems with energy harvesting sensors 2017 ,		2
164	An incremental quasi-Newton method with a local superlinear convergence rate 2017 ,		1
163	Large-scale nonconvex stochastic optimization by Doubly Stochastic Successive Convex approximation 2017 ,		4
162	2017 ,		2
161	Stochastic backpressure in energy harvesting networks 2017 ,		4
160	Persistent Homology Lower Bounds on High-Order Network Distances. <i>IEEE Transactions on Signal Processing</i> , 2017 , 65, 319-334	4.8	7
159	Network Newton Distributed Optimization Methods. <i>IEEE Transactions on Signal Processing</i> , 2017 , 65, 146-161	4.8	87
158	The mean square error in Kalman filtering sensor selection is approximately supermodular 2017 ,		11
157	2017 ,		8
156	A primal-dual Quasi-Newton method for consensus optimization 2017 ,		1

155	Weak law of large numbers for stationary graph processes 2017 ,		5
154	2017 ,		10
153	Collaborative filtering via graph signal processing 2017 ,		9
152	A dynamical systems perspective to convergence rate analysis of proximal algorithms 2017 ,		2
151	Finite-precision effects on graph filters 2017 ,		7
150	Safe online navigation of convex potentials in spaces with convex obstacles 2017 ,		2
149	Representable Hierarchical Clustering Methods for Asymmetric Networks. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , 2017 , 83-95	0.2	
148	Graph Frequency Analysis of Brain Signals. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2016 , 10, 1189-1203	7.5	82
147	A Decentralized Second-Order Method with Exact Linear Convergence Rate for Consensus Optimization. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2016 , 2, 507-522	2.8	46
146	System architectures for communication-aware multi-robot navigation 2016 ,		2
145	Interior point method for dynamic constrained optimization in continuous time 2016 ,		11
144	Near-optimality of greedy set selection in the sampling of graph signals 2016 ,		12
143	Rethinking sketching as sampling: Efficient approximate solution to linear inverse problems 2016 ,		1
142	Decentralized constrained consensus optimization with primal dual splitting projection 2016 ,		3
141	Hybrid architecture for communication-aware multi-robot systems 2016 ,		5
140	Control-Aware Random Access Communication 2016 ,		7
139	Reconstruction of Graph Signals Through Percolation from Seeding Nodes. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 4363-4378	4.8	44
138	Diffusion filtering of graph signals and its use in recommendation systems 2016 ,		17

137	Sampling of Graph Signals With Successive Local Aggregations. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 1832-1843	4.8	139
136	Metrics in the Space of High Order Networks. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 615-629	4.8	8
135	Learning to Coordinate in Social Networks. <i>Operations Research</i> , 2016 , 64, 605-621	2.3	5
134	Stability and Continuity of Centrality Measures in Weighted Graphs. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 543-555	4.8	43
133	An asynchronous Quasi-Newton method for consensus optimization 2016 ,		3
132	Attributing the Authorship of the Henry VI Plays by Word Adjacency. <i>Shakespeare Quarterly</i> , 2016 , 67, 232-256	0	35
131	A Class of Prediction-Correction Methods for Time-Varying Convex Optimization. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 4576-4591	4.8	47
130	Rethinking sketching as sampling: Linear transforms of graph signals 2016 ,		4
129	Network topology identification from imperfect spectral templates 2016 ,		3
128	A Quasi-newton prediction-correction method for decentralized dynamic convex optimization 2016 ,		3
127	Online optimization in dynamic environments: Improved regret rates for strongly convex problems 2016 ,		51
126	A decentralized quasi-Newton method for dual formulations of consensus optimization 2016 ,		7
125	Self-triggered time-varying convex optimization 2016 ,		15
124	State-based communication design for wireless control systems 2016 ,		16
123	Online learning for characterizing unknown environments in ground robotic vehicle models 2016 ,		6
122	Blind identification of graph filters with multiple sparse inputs 2016 ,		2
121	Persistent homology lower bounds on network distances 2016 ,		3
120	Linear network operators using node-variant graph filters 2016 ,		4

119	Proximity without consensus in online multi-agent optimization 2016 ,		9
118	Doubly random parallel stochastic methods for large scale learning 2016 ,		11
117	Center-weighted median graph filters 2016 ,		8
116	Stationary graph processes: Nonparametric spectral estimation 2016 ,		4
115	A decentralized Second-Order Method for Dynamic Optimization 2016 ,		6
114	Distributed continuous-time online optimization using saddle-point methods 2016 ,		7
113	DQM: Decentralized Quadratically Approximated Alternating Direction Method of Multipliers. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 5158-5173	4.8	51
112	Overlapping clustering of network data using cut metrics 2016 ,		2
111	Network topology identification from spectral templates 2016 ,		3
110	DLM: Decentralized Linearized Alternating Direction Method of Multipliers. <i>IEEE Transactions on Signal Processing</i> , 2015 , 63, 4051-4064	4.8	93
109	Demand Response Management in Smart Grids With Heterogeneous Consumer Preferences. <i>IEEE Transactions on Smart Grid</i> , 2015 , 6, 3082-3094	10.7	43
108	Diffusion and Superposition Distances for Signals Supported on Networks. <i>IEEE Transactions on Signal and Information Processing Over Networks</i> , 2015 , 1, 20-32	2.8	12
107	A Saddle Point Algorithm for Networked Online Convex Optimization. <i>IEEE Transactions on Signal Processing</i> , 2015 , 63, 5149-5164	4.8	68
106	Opportunistic Control Over Shared Wireless Channels. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 3140-3155	5.9	58
105	An approximate Newton method for distributed optimization 2015 ,		16
104	Sampling of graph signals: Successive local aggregations at a single node 2015 ,		2
103	Decentralized Channel Access for Wireless Control Systems. <i>IFAC-PapersOnLine</i> , 2015 , 48, 209-214	0.7	0
102	A decentralized prediction-correction method for networked time-varying convex optimization 2015 ,		5

101	Online Learning over a Decentralized Network Through ADMM. <i>Journal of the Operations Research Society of China</i> , 2015 , 3, 537-562	1.3	4
100	Distributed implementation of linear network operators using graph filters 2015 ,		25
99	Target tracking with dynamic convex optimization 2015 ,		6
98	Reconstruction of graph signals: Percolation from a single seeding node 2015 ,		4
97	Blind identification of graph filters with sparse inputs 2015 ,		4
96	D4L: Decentralized dynamic discriminative dictionary learning 2015 ,		6
95	Authorship Attribution Through Function Word Adjacency Networks. <i>IEEE Transactions on Signal Processing</i> , 2015 , 63, 5464-5478	4.8	40
94	Diffusion distance for signals supported on networks 2015 ,		2
93	Decentralized double stochastic averaging gradient 2015 ,		5
92	Real-Time Pricing with uncertain and heterogeneous consumer preferences 2015 ,		1
91	Interpolation of graph signals using shift-invariant graph filters 2015 ,		16
90	2015 ,		13
89	Stability and continuity of centrality measures in weighted graphs 2015 ,		1
88	Prediction-correction methods for time-varying convex optimization 2015 ,		7
87	Regret bounds of a distributed saddle point algorithm 2015 ,		5
86	Online learning of feasible strategies in unknown environments 2015 ,		1
85	Control with random access wireless sensors 2015 ,		7
84	Distributed fictitious play in potential games of incomplete information 2015 ,		2

83	Bayesian Quadratic Network Game Filters. <i>IEEE Transactions on Signal Processing</i> , 2014 , 62, 2250-2264	4.8	8
82	Optimal Power Management in Wireless Control Systems. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 1495-1510	5.9	92
81	Accelerated Dual Descent for Network Flow Optimization. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 905-920	5.9	52
80	Opportunistic scheduling of control tasks over shared wireless channels 2014 ,		3
79	Distributed demand side management of heterogeneous rational consumers in smart grids with renewable sources 2014 ,		5
78	Decentralized linearized alternating direction method of multipliers 2014 ,		17
77	Decentralized Dynamic Optimization Through the Alternating Direction Method of Multipliers. <i>IEEE Transactions on Signal Processing</i> , 2014 , 62, 1185-1197	4.8	86
76	Opportunistic sensor scheduling in wireless control systems 2014 ,		3
75	A quasi-Newton method for large scale support vector machines 2014 ,		6
74	A saddle point algorithm for networked online convex optimization 2014 ,		12
73	Robust routing and Multi-Confirmation Transmission Protocol for connectivity management of mobile robotic teams 2014 ,		4
72	Network Newton 2014 ,		7
71	RES: Regularized Stochastic BFGS Algorithm. <i>IEEE Transactions on Signal Processing</i> , 2014 , 62, 6089-6104	4.8	67
70	Discounted integral priority routing for data networks 2014 ,		1
69	A stable betweenness centrality measure in networks 2014 ,		6
68	Optimal Wireless Communications With Imperfect Channel State Information. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 2751-2766	4.8	10
67	2013 ,		12
66	A dual stochastic DFP algorithm for optimal resource allocation in wireless systems 2013 ,		5

65	Optimal power management in wireless control systems 2013 ,		17
64	Network Integrity in Mobile Robotic Networks. <i>IEEE Transactions on Automatic Control</i> , 2013 , 58, 3-18	5.9	59
63	. <i>IEEE Access</i> , 2013 , 1, 290-309	3.5	66
62	Accelerated backpressure algorithm 2013 ,		13
61	Learning in network games with incomplete information: asymptotic analysis and tractable implementation of rational behavior. <i>IEEE Signal Processing Magazine</i> , 2013 , 30, 30-42	9.4	16
60	Axiomatic construction of hierarchical clustering in asymmetric networks 2013 ,		6
59	Alternative axiomatic constructions for hierarchical clustering of asymmetric networks 2013 ,		2
58	D-MAP: Distributed Maximum a Posteriori Probability Estimation of Dynamic Systems. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 450-466	4.8	48
57	Hierarchical clustering methods and algorithms for asymmetric networks 2013 ,		4
56	Regularized stochastic BFGS algorithm 2013 ,		5
55	Authorship attribution using function words adjacency networks 2013 ,		13
54	Power-aware communication for wireless sensor-actuator systems 2013 ,		2
53	Bayesian Quadratic Network Game filters 2013 ,		4
52	Robust Control for Mobility and Wireless Communication in CyberPhysical Systems With Application to Robot Teams. <i>Proceedings of the IEEE</i> , 2012 , 100, 164-178	14.3	85
51	Motion planning for robust wireless networking 2012 ,		16
50	Dynamic games with side information in economic networks 2012 ,		2
49	2012 ,		5
48	Adaptive communication-constrained deployment of mobile robotic networks 2012 ,		3

47	Adaptive Communication-Constrained Deployment of Unmanned Vehicle Systems. <i>IEEE Journal on Selected Areas in Communications</i> , 2012 , 30, 923-934	14.2	28
46	Optimal resource allocation in wireless communication and networking. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2012 , 2012,	3.2	44
45	Optimal Wireless Networks Based on Local Channel State Information. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 4913-4929	4.8	9
44	Distributed Network Optimization With Heuristic Rational Agents. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 5396-5411	4.8	19
43	Distributed maximum a posteriori probability estimation of dynamic systems with wireless sensor networks 2012 ,		2
42	Optimal wireless multiuser channels with imperfect channel state information 2012 ,		4
41	A distributed line search for network optimization 2012 ,		11
40	Network optimization under uncertainty 2012 ,		5
39	Network optimization with heuristic rational agents 2011 ,		1
38	Distributed control of mobility & routing in networks of robots 2011 ,		7
37	Robot deployment with end-to-end communication constraints 2011 ,		2
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