

Siyu Xie

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Analysis of Distributed Adaptive Filters Based on Diffusion Strategies Over Sensor Networks. IEEE Transactions on Automatic Control, 2018, 63, 3643-3658.	5.7	31
2	Analysis of Normalized Least Mean Squares-Based Consensus Adaptive Filters under a General Information Condition. SIAM Journal on Control and Optimization, 2018, 56, 3404-3431.	2.1	22
3	Convergence of a Distributed Least Squares. IEEE Transactions on Automatic Control, 2021, 66, 4952-4959.	5.7	14
4	A necessary and sufficient condition for stability of LMS-based consensus adaptive filters. Automatica, 2018, 93, 12-19.	5.0	13
5	Stability of the distributed Kalman filter using general random coefficients. Science China Information Sciences, 2021, 64, 1.	4.3	9
6	Analysis of compressed distributed adaptive filters. Automatica, 2020, 112, 108707.	5.0	7
7	Impact of Communication Packet Delivery Ratio on Reliability of Optimal Load Tracking and Allocation in DC Microgrids. IEEE Transactions on Smart Grid, 2021, 12, 2812-2821.	9.0	6
8	Stability of distributed LMS under cooperative stochastic excitation. , 2015, , .		5
9	Impact of Stochastic Generation/Load Variations on Distributed Optimal Energy Management in DC Microgrids for Transportation Electrification. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 7196-7205.	8.0	5
10	Stochastic Adaptive Optimization With Dithers. IEEE Transactions on Automatic Control, 2022, 67, 189-202.	5.7	3
11	Diffusion-Based Distributed Parameter Estimation Through Directed Graphs With Switching Topology: Application of Dynamic Regressor Extension and Mixing. IEEE Transactions on Automatic Control, 2022, 67, 4256-4263.	5.7	3
12	Adaptive step size selection in distributed optimization with observation noise and unknown stochastic target variation. Automatica, 2022, 135, 109940.	5.0	2
13	MIMO architecture for fast convergence of distributed online optimization in smart grids. International Journal of Electrical Power and Energy Systems, 2022, 142, 108206.	5.5	2
14	Adaptive Optimization with Periodic Dither Signals. Journal of Systems Science and Complexity, 2021, 34, 1766-1781.	2.8	1
15	Adaptive Optimization With Decaying Periodic Dither Signals. IEEE Transactions on Automatic Control, 2023, 68, 1208-1214.	5.7	0