

Nima Monshizadeh

List of Publications by Year in descending order

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658
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear Stability Analysis of the Classical Nested PI Control of Voltage Sourced Inverters. , 2022, 6, 1442-1447.		3
2	PID passivity-based droop control of power converters: Large-signal stability, robustness and performance. International Journal of Robust and Nonlinear Control, 2022, 32, 1769-1795.	3.7	14
3	Distributed dynamics for aggregative games: Robustness and privacy guarantees. International Journal of Robust and Nonlinear Control, 2022, 32, 5048-5069.	3.7	6
4	Primary frequency regulation in power grids with on/off loads: Chattering, limit cycles and convergence to optimality. Automatica, 2021, 131, 109736.	5.0	6
5	Secondary Frequency Control With On/Off Load Side Participation in Power Networks. IEEE Transactions on Control of Network Systems, 2020, 7, 603-613.	3.7	13
6	Input-Output Performance of Linear-Quadratic Saddle-Point Algorithms With Application to Distributed Resource Allocation Problems. IEEE Transactions on Automatic Control, 2020, 65, 2032-2045.	5.7	9
7	Bias Estimation in Sensor Networks. IEEE Transactions on Control of Network Systems, 2020, 7, 1534-1546.	3.7	7
8	A distributed scheme for secondary frequency control with stability guarantees and optimal power allocation. Systems and Control Letters, 2020, 144, 104755.	2.3	8
9	A Feedback Control Algorithm to Steer Networks to a Cournot-Nash Equilibrium. IEEE Transactions on Control of Network Systems, 2019, 6, 1486-1497.	3.7	18
10	Secant and Popov-like conditions in power network stability. Automatica, 2019, 101, 258-268.	5.0	10
11	Conditions on shifted passivity of port-Hamiltonian systems. Systems and Control Letters, 2019, 123, 55-61.	2.3	23
12	Output Impedance Diffusion Into Lossy Power Lines. IEEE Transactions on Power Systems, 2019, 34, 1659-1668.	6.5	5
13	Stability and Optimality of Distributed Secondary Frequency Control Schemes in Power Networks. IEEE Transactions on Smart Grid, 2019, 10, 1747-1761.	9.0	15
14	A Novel Reduced Model for Electrical Networks With Constant Power Loads. IEEE Transactions on Automatic Control, 2018, 63, 1288-1299.	5.7	18
15	Bregman Storage Functions for Microgrid Control. IEEE Transactions on Automatic Control, 2018, 63, 53-68.	5.7	61
16	Permanent magnet synchronous motors are globally asymptotically stabilizable with PI current control. Automatica, 2018, 98, 296-301.	5.0	29
17	Exponential convergence under distributed averaging integral frequency control. Automatica, 2018, 98, 103-113.	5.0	15
18	Agreeing in networks: Unmatched disturbances, algebraic constraints and optimality. Automatica, 2017, 75, 63-74.	5.0	19

#	ARTICLE	IF	CITATIONS
19	Quantifying the Performance of Optimal Frequency Regulators in the Presence of Intermittent Communication Disruptions. IFAC-PapersOnLine, 2017, 50, 1686-1691.	0.9	2
20	Uniform synchronization in multi-agent systems with switching topologies. International Journal of Robust and Nonlinear Control, 2016, 26, 1888-1901.	3.7	5
21	Disturbance decoupling problem for multi-agent systems: A graph topological approach. Systems and Control Letters, 2015, 76, 35-41.	2.3	16
22	Zero Forcing Sets and Controllability of Dynamical Systems Defined on Graphs. IEEE Transactions on Automatic Control, 2014, 59, 2562-2567.	5.7	88
23	Projection-Based Model Reduction of Multi-Agent Systems Using Graph Partitions. IEEE Transactions on Control of Network Systems, 2014, 1, 145-154.	3.7	72
24	Stability and synchronization preserving model reduction of multi-agent systems. Systems and Control Letters, 2013, 62, 1-10.	2.3	37
25	Robust Synchronization of Uncertain Linear Multi-Agent Systems. IEEE Transactions on Automatic Control, 2013, 58, 1511-1523.	5.7	254
26	Descriptive vector, relative error matrix, and interaction analysis of multivariable plants. Automatica, 2011, 47, 108-114.	5.0	2
27	Input-Output Pairing Using Effective Relative Energy Array. Industrial & Engineering Chemistry Research, 2009, 48, 7137-7144.	3.7	25