

# Lei Wang

## List of Publications by Year in descending order

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papers

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citations

840776

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all docs

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docs citations

25  
times ranked

545  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed Secondary Control for Power Allocation and Voltage Restoration in Islanded DC Microgrids. IEEE Transactions on Sustainable Energy, 2018, 9, 1857-1869.	8.8	170
2	Distributed Voltage Restoration and Current Sharing Control in Islanded DC Microgrid Systems Without Continuous Communication. IEEE Transactions on Industrial Electronics, 2020, 67, 3043-3053.	7.9	110
3	High-gain observers with limited gain power for systems with observability canonical form. Automatica, 2017, 75, 16-23.	5.0	34
4	Output feedback stabilization of nonlinear MIMO systems having uncertain high-frequency gain matrix. Systems and Control Letters, 2015, 83, 1-8.	2.3	30
5	An Accelerated Distributed Gradient-Based Algorithm for Constrained Optimization With Application to Economic Dispatch in a Large-Scale Power System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2041-2053.	9.3	29
6	Global Stabilization of a Class of Invertible MIMO Nonlinear Systems. IEEE Transactions on Automatic Control, 2015, 60, 616-631.	5.7	27
7	Nonlinear output regulation for invertible nonlinear MIMO systems. International Journal of Robust and Nonlinear Control, 2016, 26, 2401-2417.	3.7	27
8	Robust output regulation for invertible nonlinear MIMO systems. Automatica, 2017, 82, 278-286.	5.0	25
9	Immersion and Invariance Stabilization of Nonlinear Systems Via Virtual and Horizontal Contraction. IEEE Transactions on Automatic Control, 2017, 62, 4017-4022.	5.7	24
10	Robust cooperative output regulation of uncertain linear multi-agent systems not detectable by regulated output. Automatica, 2019, 101, 309-317.	5.0	20
11	Pre-processing nonlinear output regulation with non-vanishing measurements. Automatica, 2020, 111, 108616.	5.0	16
12	Realization of Exact Tracking Control for Nonlinear Systems via a Nonrecursive Dynamic Design. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 577-589.	9.3	13
13	Stabilization by Output Feedback of Multivariable Invertible Nonlinear Systems. IEEE Transactions on Automatic Control, 2017, 62, 2419-2433.	5.7	12
14	Robust Cooperative Output Regulation of Heterogeneous Uncertain Linear Multiagent Systems With Time-Varying Communication Topologies. IEEE Transactions on Automatic Control, 2020, 65, 4340-4347.	5.7	12
15	Adaptive Semiglobal Nonlinear Output Regulation: An Extended-State Observer Approach. IEEE Transactions on Automatic Control, 2020, 65, 2670-2677.	5.7	6
16	Robust implementable regulator design of linear systems with non-vanishing measurements. Automatica, 2022, 143, 110418.	5.0	6
17	Cooperative Semiglobal Robust Output Regulation of Non-Introspective Nonlinear Agents With Partial Normal Form and State-Dependent High-Frequency Gain. IEEE Transactions on Control of Network Systems, 2019, 6, 388-402.	3.7	5
18	Nonsmooth Decentralized Stabilization for Interconnected Systems Subject to Strongly Coupled Uncertain Interactions. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 2685-2692.	9.3	5

#	ARTICLE	IF	CITATIONS
19	Controlling Directed Networks With Evolving Topologies. IEEE Transactions on Control of Network Systems, 2019, 6, 176-190.	3.7	4
20	Robust Output Feedback Stabilization of MIMO Invertible Nonlinear Systems With Output-Dependent Multipliers. IEEE Transactions on Automatic Control, 2022, 67, 2989-2996.	5.7	4
21	Output Regulation of Multivariable Nonlinear Systems Using Extra Outputs. IFAC-PapersOnLine, 2018, 51, 13-18.	0.9	3
22	Pre-Processing Nonlinear Output Regulation with Non Vanishing Measurements. , 2018, , .		3
23	Optimal Modeling of Integrated Energy Demand Response under Time-Shared Electricity Price. , 2020, , .		2
24	Robust Output Regulation for a Class of Nonlinear Systems not Detectable by Regulated Out. , 2018, , .		1
25	Robust output regulation for a class of nonlinear systems not detectable by the regulated output. European Journal of Control, 2020, 52, 26-33.	2.6	1