

# Yang Zhu

## List of Publications by Year in descending order

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18  
papers

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citations

759233

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1058476

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docs citations

18  
times ranked

290  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive backstepping control of uncertain linear systems under unknown actuator delay. <i>Automatica</i> , 2015, 54, 256-265.	5.0	65
2	Adaptive Output Feedback Control for Uncertain Linear Time-Delay Systems. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 545-560.	5.7	49
3	Distributed Adaptive Longitudinal Control for Uncertain Third-Order Vehicle Platoon in a Networked Environment. <i>IEEE Transactions on Vehicular Technology</i> , 2018, 67, 9183-9197.	6.3	42
4	PDE Boundary Control of Multi-Input LTI Systems With Distinct and Uncertain Input Delays. <i>IEEE Transactions on Automatic Control</i> , 2018, 63, 4270-4277.	5.7	39
5	Adaptive global stabilization of uncertain multi-input linear time-delay systems by PDE full-state feedback. <i>Automatica</i> , 2018, 96, 270-279.	5.0	33
6	Predictor methods for decentralized control of large-scale systems with input delays. <i>Automatica</i> , 2020, 116, 108903.	5.0	33
7	Barrier-function-based distributed adaptive control of nonlinear CAVs with parametric uncertainty and full-state constraint. <i>Transportation Research Part C: Emerging Technologies</i> , 2019, 104, 249-264.	7.6	32
8	V2V-Based Cooperative Control of Uncertain, Disturbed and Constrained Nonlinear CAVs Platoon. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 1796-1806.	8.0	26
9	Predictor Feedback for Uncertain Linear Systems With Distributed Input Delays. <i>IEEE Transactions on Automatic Control</i> , 2020, 65, 5344-5351.	5.7	19
10	PDE output feedback control of LTI systems with uncertain multi-input delays, plant parameters and ODE state. <i>Systems and Control Letters</i> , 2019, 123, 1-7.	2.3	13
11	Delay-adaptive control for linear systems with distributed input delays. <i>Automatica</i> , 2020, 116, 108902.	5.0	13
12	Sub-predictors for network-based control under uncertain large delays. <i>Automatica</i> , 2021, 123, 109350.	5.0	13
13	Observer-Based Decentralized Predictor Control for Large-Scale Interconnected Systems With Large Delays. <i>IEEE Transactions on Automatic Control</i> , 2021, 66, 2897-2904.	5.7	11
14	A Fuzzy Control Method based on Central Pattern Generator for Quadruped Robots. , 2019, , .		3
15	Decentralized Predictor Feedback of Large-scale Systems under Input Delays*. , 2019, , .		3
16	Mean-square asymptotical synchronization control and robust analysis of discrete-time neural networks with time-varying delay. <i>Automatika</i> , 2018, 59, 382-390.	2.0	1
17	Delay-Adaptive Observer-Based Control for Linear Systems with Unknown Input Delays. <i>Lecture Notes in Control and Information Sciences</i> , 2022, , 189-216.	1.0	0
18	Sub-predictors for Network-based Control under Uncertain Large Delays. , 2020, , .		0