Yan Lin

List of Publications by Year
in descending order

33 papers	**838** citations	687363 **13** h-index	526287 **27** g-index
33 all docs	**33** docs citations	**33** times ranked	**590** citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Actuator Failure Compensation for a Class of Nonlinear Systems With Unknown Control Direction. IEEE Transactions on Automatic Control, 2017, 62, 385-392.	5.7	151
2	Adaptive Backstepping Quantized Control for a Class of Nonlinear Systems. IEEE Transactions on Automatic Control, 2017, 62, 981-985.	5.7	136
3	Decentralized adaptive tracking control for a class of interconnected nonlinear systems with input quantization. Automatica, 2017, 81, 359-368.	5.0	118
4	Adaptive output feedback control for a class of large-scale nonlinear time-delay systems. Automatica, 2015, 52, 87-94.	5.0	64
5	Adaptive fault-tolerant control for actuator failures: A switching strategy. Automatica, 2017, 81, 87-95.	5.0	61
6	Adaptive Control of Nonlinear Time-Delay Systems With Application to a Two-Stage Chemical Reactor. IEEE Transactions on Automatic Control, 2015, 60, 1074-1079.	5.7	45
7	Adaptive output feedback tracking for a class of nonlinear systems. Automatica, 2012, 48, 2372-2376.	5.0	37
8	Dynamic partial state feedback control of cascade systems with time-delay. Automatica, 2017, 77, 370-379.	5.0	34
9	Global output feedback stabilization for a class of nonlinear systems with quantized input and output. International Journal of Robust and Nonlinear Control, 2017, 27, 187-203.	3.7	30
10	Adaptive Fault-Tolerant Control and Performance Recovery Against Actuator Failures With Deferred Actuator Replacement. IEEE Transactions on Automatic Control, 2021, 66, 3810-3817.	5.7	29
11	Adaptive control of time-delay cascade systems with unknown parameters by partial state feedback. Automatica, 2018, 94, 45-54.	5.0	18
12	On controllability of two-dimensional discrete-time bilinear systems. International Journal of Systems Science, 2015, 46, 1741-1751.	5.5	17
13	Supervisory adaptive fault-tolerant control against actuator failures with application to an aircraft. International Journal of Robust and Nonlinear Control, 2018, 28, 536-551.	3.7	16
14	Adaptive output feedback fault tolerant control for uncertain nonlinear systems based on actuator switching. Journal of the Franklin Institute, 2021, 358, 5722-5749.	3.4	9
15	Remarks on controllability of discrete-time bilinear systems. , 2013, , .		8
16	Adaptive Output Feedback Compensation for a Class of Nonlinear Systems With Actuator and Sensor Failures. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 4762-4771.	9.3	8
17	On small-controllability of a class of Hammerstein-nonlinear systems â€" an implicit function approach. International Journal of Systems Science, 2014, 45, 1991-1998.	5.5	7
18	Iterative Changing Supply Rates, Dynamic State Feedback, and Adaptive Stabilization of Time-Delay Systems. IEEE Transactions on Automatic Control, 2018, , 1-1.	5.7	7

#	Article	IF	Citations
19	Global adaptive output feedback stabilization for nonlinear time‐delay systems with unknown measurement sensitivity. International Journal of Robust and Nonlinear Control, 2021, 31, 6179-6192.	3.7	7
20	Distributed neuroadaptive monitoring fault‐tolerant consensus control for nonlinear multi‐agent systems with actuator faults. International Journal of Robust and Nonlinear Control, 2022, 32, 5350-5378.	3.7	7
21	Global adaptive output feedback tracking for a class of nonlinear systems with quantized input. Journal of the Franklin Institute, 2020, 357, 6083-6095.	3.4	6
22	Output Feedback Tracking Control for a Class of Nonlinear Systems With Sensor Uncertainties. IEEE Transactions on Industrial Electronics, 2023, 70, 762-772.	7.9	5
23	Adaptive output feedback tracking for a class of nonlinear systems with quantized input and output. International Journal of Robust and Nonlinear Control, 2021, 31, 6039-6054.	3.7	4
24	Adaptive output-feedback control for a class of nonlinear systems with actuator failures and input quantisation. International Journal of Control, 2019, 92, 1609-1619.	1.9	3
25	Consensus tracking control for uncertain non‐strict feedback multi‐agent system under cyber attack via resilient neuroadaptive approach. International Journal of Robust and Nonlinear Control, 2022, 32, 4251-4280.	3.7	3
26	Output feedback adaptive DSC for nonlinear systems with guaranteed L-infinity tracking performance. Journal of Control Theory and Applications, 2012, 10, 124-131.	0.8	2
27	On near-controllability of a class of three-dimensional discrete-time bilinear systems. , 2013, , .		2
28	Adaptive actuator failure compensation for a class of nonlinear systems with full state constraints. International Journal of Robust and Nonlinear Control, 2021, 31, 1181-1207.	3.7	2
29	Remaining Useful Life Estimation of Aircraft Engines Using Differentiable Architecture Search. Mathematics, 2022, 10, 352.	2.2	2
30	Quasi-equality constrained risk-sensitive filtering for nonlinear discrete-time systems. Journal of Control Theory and Applications, 2012, 10, 229-235.	0.8	0
31	Adaptive Control for Uncertain Nonlinear Systems with Measurement Uncertainty. , 2021, , .		0
32	Output Feedback Stabilization by a New Dynamic Gain for a Class of Nonlinear Time-Delay Systems with Sensor Uncertainties. , 2022, , .		0
33	Static Gains Based Output Feedback Stabilization for a Class of Nonlinear Systems with Sensor Uncertainties. , 2022, , .		0