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List of Publications by Year
in descending order

23 papers	321 citations	11 h-index	18 g-index
23 all docs	23 docs citations	23 times ranked	286 citing authors

#	ARTICLE	IF	CITATIONS
1	Inverse eigenvalue problem for mass–spring–inerter systems. Mechanical Systems and Signal Processing, 2022, 167, 108506.	8.0	1
2	Closed-loop identification for a class of nonlinearly parameterized discrete-time systems. Automatica, 2021, 131, 109747.	5.0	1
3	On the Convergence of Least Squares Estimator for Nonlinear Autoregressive Models *. , 2021, , .		0
4	Is it Possible to Stabilize Discrete-Time Parameterized Uncertain Systems Growing Exponentially Fast?. SIAM Journal on Control and Optimization, 2019, 57, 1965-1984.	2.1	2
5	On instability of LS-based self-tuning systems with bounded disturbances. Systems and Control Letters, 2019, 129, 51-55.	2.3	1
6	Robust Adaptive Tracking Control for Quadrotors by Combining PI and Self-Tuning Regulator. IEEE Transactions on Control Systems Technology, 2019, 27, 2663-2671.	5.2	43
7	Passive Controller Realization of a Biquadratic Impedance With Double Poles and Zeros as a Seven-Element Series–Parallel Network for Effective Mechanical Control. IEEE Transactions on Automatic Control, 2018, 63, 3010-3015.	5.7	13
8	How much information is needed in quantized nonlinear control?. Science China Information Sciences, 2018, 61, 1.	4.3	11
9	Further Results on Stabilizability of Discrete-time Nonlinearly Parameterized Systems With Scalar Parameters. IEEE Transactions on Automatic Control, 2018, 63, 2153-2160.	5.7	1
10	Stabilisation of non-linear DISS systems with uncertainty via encoded feedback. IET Control Theory and Applications, 2017, 11, 732-739.	2.1	1
11	The dual algebraic Riccati equations and the set of all solutions of the discrete-time Riccati equation. International Journal of Control, 2017, 90, 1371-1388.	1.9	3
12	Realization of Biquadratic Impedances as Five-Element Bridge Networks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2017, 64, 1599-1611.	5.4	15
13	On-line aerodynamic identification of quadrotor and its application to tracking control. IET Control Theory and Applications, 2017, 11, 3097-3106.	2.1	5
14	Consensus networks with switching topology and time-delays over finite fields. Automatica, 2016, 68, 39-43.	5.0	50
15	Simultaneous Identification and Stabilization of Nonlinearly Parameterized Discrete-Time Systems by Nonlinear Least Squares Algorithm. IEEE Transactions on Automatic Control, 2016, 61, 1810-1823.	5.7	13
16	Synthesis of *n*-port resistive networks containing *2n* terminals. International Journal of Circuit Theory and Applications, 2015, 43, 427-437.	2.0	23
17	On Stabilizability of Nonlinearly Parameterized Discrete-Time Systems. IEEE Transactions on Automatic Control, 2014, 59, 3014-3019.	5.7	5
18	Feedback systems with communications: integrated study of signal estimation, sampling, quantization, and feedback robustness. International Journal of Adaptive Control and Signal Processing, 2014, 28, 496-522.	4.1	7

#	Article	IF	Citations
19	Stabilization of Discrete-Time Nonlinear Uncertain Systems by Feedback Based on LS Algorithm. SIAM Journal on Control and Optimization, 2013, 51, 1128-1151.	2.1	20
20	Realizations of a Special Class of Admittances With Strictly Lower Complexity Than Canonical Forms. IEEE Transactions on Circuits and Systems I: Regular Papers, 2013, 60, 2465-2473.	5.4	43
21	A tighter reachable set bound for linear systems subject to both discrete and distributed delays. , 2012, , .		0
22	On Exponential Almost Sure Stability of Random Jump Systems. IEEE Transactions on Automatic Control, 2012, 57, 3064-3077.	5.7	48
23	On Feedback Capability in a Class of Nonlinearly Parameterized Uncertain Systems. IEEE Transactions on Automatic Control, 2011, 56, 2946-2951.	5.7	15