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List of Publications by Year in descending order

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80
papers

2,575
citations

361413

20
h-index

189892

50
g-index

80
all docs

80
docs citations

80
times ranked

1586
citing authors

#	ARTICLE	IF	CITATIONS
1	Necessary and Sufficient Conditions for Consensusability of Linear Multi-Agent Systems. IEEE Transactions on Automatic Control, 2010, 55, 1263-1268.	5.7	607
2	Adaptive output-feedback control for a class of uncertain stochastic non-linear systems with time delays. International Journal of Control, 2008, 81, 1210-1220.	1.9	179
3	Consensus control for leader-following multi-agent systems with measurement noises. Journal of Systems Science and Complexity, 2010, 23, 35-49.	2.8	178
4	On formability of linear continuous-time multi-agent systems. Journal of Systems Science and Complexity, 2012, 25, 13-29.	2.8	176
5	Multi-Agent Consensus With Relative-State-Dependent Measurement Noises. IEEE Transactions on Automatic Control, 2014, 59, 2463-2468.	5.7	170
6	A notion of stochastic input-to-state stability and its application to stability of cascaded stochastic nonlinear systems. Acta Mathematicae Applicatae Sinica, 2008, 24, 141-156.	0.7	107
7	Output-feedback control of a class of stochastic nonlinear systems with linearly bounded unmeasurable states. International Journal of Robust and Nonlinear Control, 2008, 18, 665-687.	3.7	105
8	Consensus conditions of continuous-time multi-agent systems with time-delays and measurement noises. Automatica, 2019, 99, 412-419.	5.0	99
9	Output-feedback adaptive stabilization control design for non-holonomic systems with strong non-linear drifts. International Journal of Control, 2005, 78, 474-490.	1.9	69
10	Stochastic Consentability of Linear Systems With Time Delays and Multiplicative Noises. IEEE Transactions on Automatic Control, 2018, 63, 1059-1074.	5.7	67
11	Distributed control of multi-agent systems with random parameters and a major agent. Automatica, 2012, 48, 2093-2106.	5.0	61
12	Indefinite Mean-Field Stochastic Linear-Quadratic Optimal Control. IEEE Transactions on Automatic Control, 2015, 60, 1786-1800.	5.7	54
13	Sampled-data based average consensus with measurement noises: convergence analysis and uncertainty principle. Science in China Series F: Information Sciences, 2009, 52, 2089-2103.	1.1	50
14	Distributed output feedback control of Markov jump multi-agent systems. Automatica, 2013, 49, 1397-1402.	5.0	48
15	Stability of stochastic functional differential systems using degenerate Lyapunov functionals and applications. Automatica, 2018, 91, 197-207.	5.0	45
16	Indefinite Mean-Field Stochastic Linear-Quadratic Optimal Control: From Finite Horizon to Infinite Horizon. IEEE Transactions on Automatic Control, 2016, 61, 3269-3284.	5.7	39
17	Hierarchical Mean Field Games for Multiagent Systems With Tracking-Type Costs: Distributed ϵ -Stackelberg Equilibria. IEEE Transactions on Automatic Control, 2014, 59, 2241-2247.	5.7	37
18	Identification Input Design for Consistent Parameter Estimation of Linear Systems With Binary-Valued Output Observations. IEEE Transactions on Automatic Control, 2008, 53, 867-880.	5.7	34

#	ARTICLE	IF	CITATIONS
19	Adaptive Tracking Control of A Class of First-Order Systems With Binary-Valued Observations and Time-Varying Thresholds. IEEE Transactions on Automatic Control, 2011, 56, 2991-2996.	5.7	31
20	Protein-interaction-network-based analysis for genome-wide association analysis of schizophrenia in Han Chinese population. Journal of Psychiatric Research, 2014, 50, 73-78.	3.1	22
21	Input-to-state stability of switched nonlinear systems. Science in China Series F: Information Sciences, 2008, 51, 1992-2004.	1.1	21
22	Delay Tolerance for Stable Stochastic Systems and Extensions. IEEE Transactions on Automatic Control, 2021, 66, 2604-2619.	5.7	20
23	Adaptive tracking of a class of first-order systems with binary-valued observations and fixed thresholds. Journal of Systems Science and Complexity, 2012, 25, 1041-1051.	2.8	19
24	Adaptive Tracking Control of Linear Systems With Binary-Valued Observations and Periodic Target. IEEE Transactions on Automatic Control, 2013, 58, 1293-1298.	5.7	19
25	Time-Inconsistent Mean-Field Stochastic LQ Problem: Open-Loop Time-Consistent Control. IEEE Transactions on Automatic Control, 2018, 63, 2771-2786.	5.7	19
26	Adaptive control with saturation-constrained observations for drag-free satellites " a set-valued identification approach. Science China Information Sciences, 2021, 64, 1.	4.3	19
27	Coordination Over Multi-Agent Networks With Unmeasurable States and Finite-Level Quantization. IEEE Transactions on Automatic Control, 2017, 62, 4647-4653.	5.7	17
28	Consensus control of second-order delayed multiagent systems with intrinsic dynamics and measurement noises. International Journal of Robust and Nonlinear Control, 2018, 28, 5050-5070.	3.7	17
29	Continuous-time multi-agent averaging with relative-state-dependent measurement noises: matrix intensity functions. IET Control Theory and Applications, 2015, 9, 374-380.	2.1	16
30	Necessary and sufficient conditions for bounded distributed mean square tracking of multi-agent systems with noises. International Journal of Robust and Nonlinear Control, 2016, 26, 631-645.	3.7	14
31	Tracking control and parameter identification with quantized ARMAX systems. Science China Information Sciences, 2019, 62, 1.	4.3	13
32	Privacy security in control systems. Science China Information Sciences, 2021, 64, 1.	4.3	13
33	Distributed dynamic consensus under quantized communication data. International Journal of Robust and Nonlinear Control, 2015, 25, 1704-1720.	3.7	12
34	Mixed Equilibrium Solution of Time-Inconsistent Stochastic Linear-Quadratic Problem. SIAM Journal on Control and Optimization, 2019, 57, 533-569.	2.1	12
35	Quantized-output feedback model reference control of discrete-time linear systems. Automatica, 2022, 137, 110027.	5.0	12
36	Two-stage designs to identify the effects of SNP combinations on complex diseases. Journal of Human Genetics, 2008, 53, 739-746.	2.3	11

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37	Convergence rates in stochastic adaptive tracking. International Journal of Control, 1989, 49, 1915-1935.	1.9	9
38	Global stability of systems with amplitude and rate saturation compensation. International Journal of Robust and Nonlinear Control, 2005, 15, 155-170.	3.7	9
39	Robust Output-feedback Stabilization for a Class of Uncertain Stochastic Nonlinear Systems with Time-varying Time Delays. , 2007, , .		9
40	SVSI: Fast and Powerful Set-Valued System Identification Approach to Identifying Rare Variants in Sequencing Studies for Ordered Categorical Traits. Annals of Human Genetics, 2015, 79, 294-309.	0.8	9
41	Output feedback quantized observer-based synchronization of linear multi-agent systems over jointly connected topologies. International Journal of Robust and Nonlinear Control, 2016, 26, 2378-2400.	3.7	9
42	Social Optima in Robust Mean Field LQG Control: From Finite to Infinite Horizon. IEEE Transactions on Automatic Control, 2021, 66, 1529-1544.	5.7	9
43	Equilibrium Solutions of Multiperiod Mean-Variance Portfolio Selection. IEEE Transactions on Automatic Control, 2020, 65, 1716-1723.	5.7	8
44	Approximate Controllability and Approximate Observability of Singular Distributed Parameter Systems. IEEE Transactions on Automatic Control, 2020, 65, 2294-2299.	5.7	8
45	Adaptive Mean Field Games for Large Population Coupled ARX Systems with Unknown Coupling Strength. Dynamic Games and Applications, 2013, 3, 489-507.	1.9	6
46	Decision-implementation complexity of cooperative game systems. Science China Information Sciences, 2017, 60, 1.	4.3	6
47	Distributed Recursive Projection Identification with Binary-Valued Observations. Journal of Systems Science and Complexity, 2021, 34, 2048-2068.	2.8	6
48	A parameter condition for ruling out multiple equilibria of the photosynthetic carbon metabolism. Asian Journal of Control, 2011, 13, 611-624.	3.0	5
49	Finite Quantized-Output Feedback Tracking Control of Possibly Non-Minimum Phase Linear Systems. , 2022, 6, 2407-2412.		5
50	A Robust and Powerful Set-Valued Approach to Rare Variant Association Analyses of Secondary Traits in Case-Control Sequencing Studies. Genetics, 2017, 205, 1049-1062.	2.9	4
51	LS-Based Parameter Estimation of DARMA Systems with Uniformly Quantized Observations. Journal of Systems Science and Complexity, 2022, 35, 748-765.	2.8	4
52	Matrix Decomposition-Based Adaptive Control of Noncanonical Form MIMO DT Nonlinear Systems. IEEE Transactions on Automatic Control, 2022, 67, 4330-4337.	5.7	4
53	Fundamental limitations and differences of robust and adaptive control. , 2001, , .		3
54	Reachability analysis of switched linear discrete singular systems. Journal of Control Theory and Applications, 2006, 4, 11-17.	0.8	3

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55	Multi-€equilibrium property of metabolic networks: Exclusion of multi-€stability for SSN metabolic modules. International Journal of Robust and Nonlinear Control, 2011, 21, 1791-1806.	3.7	3
56	Distributed tracking of second-order multi-agent systems with measurement noise. , 2013, , .		3
57	Information Security Protocol Based System Identification with Binary-Valued Observations. Journal of Systems Science and Complexity, 2018, 31, 946-963.	2.8	3
58	Consensus of Nonlinear Multi-Agent Systems with Multiplicative Noises and Time-Varying Delays. , 2018, , .		3
59	Analysis on steady states of photosynthetic carbon metabolic system. , 2009, , .		2
60	Robust adaptive control of coupled stochastic multi-agent systems with unmodeled dynamics. , 2010, , .		2
61	Time-Inconsistent Stochastic LQ Problem with Regime Switching. Journal of Systems Science and Complexity, 2020, 33, 1733-1754.	2.8	2
62	Differentially Private Consensus for Multi-Agent Systems. , 2020, , .		2
63	A Pole Placement-Based Output Tracking Control Scheme by Finite-and-Quantized Output Feedback. , 2022, 6, 3200-3205.		2
64	Adaptive regulation for deterministic systems. Acta Mathematicae Applicatae Sinica, 1991, 7, 332-343.	0.7	1
65	Multi-€equilibrium property of metabolic networks: MMN module. International Journal of Robust and Nonlinear Control, 2014, 24, 1505-1529.	3.7	1
66	Preface to special topic on games in control systems. National Science Review, 2020, 7, 1115-1115.	9.5	1
67	Kalman-Bucy Filtering and Minimum Mean Square Estimator under Uncertainty. SIAM Journal on Control and Optimization, 2021, 59, 2669-2692.	2.1	1
68	Stochastic linear-quadratic optimal control without time-consistency requirement. Communications in Information and Systems, 2015, 15, 521-550.	0.5	1
69	On the minimal-order of dynamic output regulators. , 0, , .		0
70	System identification with binary-valued sensors. , 2001, , .		0
71	Identification of Wiener Models with Binary-Valued Output Observations. , 2006, , .		0
72	Output-feedback-based adaptive risk-sensitive tracking control for stochastic nonlinear uncertain systems. , 2007, , .		0

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73	Adaptive tracking control with quantized output observations and single unknown parameter. , 2011, , .		0
74	System identification with multi-threshold quantized observations and bounded persistent excitations. , 2012, , .		0
75	Distributed tracking of nonlinear multi-agent systems with unstable dynamics. , 2014, , .		0
76	Synchronization of neutrally stable linear systems over digital networks. , 2016, , .		0
77	Stochastic LQ problem with delayed control. , 2017, , .		0
78	An Introductory Review of Time-Inconsistent Stochastic Optimal Control. , 2018, , .		0
79	Stochastic Consensus Control of Multi-agent Systems under General Noises and Delays. Studies in Systems, Decision and Control, 2021, , 225-254.	1.0	0
80	Empirical Saddlepoint Approximation and Its Application to Genome-Wide Association Studies. , 2021, , .		0