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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	LS-Based Parameter Estimation of DARMA Systems with Uniformly Quantized Observations. Journal of Systems Science and Complexity, 2022, 35, 748-765.	2.8	4
2	Matrix Decomposition-Based Adaptive Control of Noncanonical Form MIMO DT Nonlinear Systems. IEEE Transactions on Automatic Control, 2022, 67, 4330-4337.	5.7	4
3	Quantized-output feedback model reference control of discrete-time linear systems. Automatica, 2022, 137, 110027.	5.0	12
4	Finite Quantized-Output Feedback Tracking Control of Possibly Non-Minimum Phase Linear Systems. , 2022, 6, 2407-2412.		5
5	A Pole Placement-Based Output Tracking Control Scheme by Finite-and-Quantized Output Feedback. , 2022, 6, 3200-3205.		2
6	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
7	Delay Tolerance for Stable Stochastic Systems and Extensions. IEEE Transactions on Automatic Control, 2021, 66, 2604-2619.	5.7	20
8	Kalman-Bucy Filtering and Minimum Mean Square Estimator under Uncertainty. SIAM Journal on Control and Optimization, 2021, 59, 2669-2692.	2.1	1
9	Stochastic Consensus Control of Multi-agent Systems under General Noises and Delays. Studies in Systems, Decision and Control, 2021, , 225-254.	1.0	0
10	Privacy security in control systems. Science China Information Sciences, 2021, 64, 1.	4.3	13
11	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
12	Empirical Saddlepoint Approximation and Its Application to Genome-Wide Association Studies. , 2021, , .		0
13	Distributed Recursive Projection Identification with Binary-Valued Observations. Journal of Systems Science and Complexity, 2021, 34, 2048-2068.	2.8	6
14	Equilibrium Solutions of Multiperiod Mean-Variance Portfolio Selection. IEEE Transactions on Automatic Control, 2020, 65, 1716-1723.	5.7	8
15	Approximate Controllability and Approximate Observability of Singular Distributed Parameter Systems. IEEE Transactions on Automatic Control, 2020, 65, 2294-2299.	5.7	8
16	Preface to special topic on games in control systems. National Science Review, 2020, 7, 1115-1115.	9.5	1
17	Time-Inconsistent Stochastic LQ Problem with Regime Switching. Journal of Systems Science and Complexity, 2020, 33, 1733-1754.	2.8	2
18	Differentially Private Consensus for Multi-Agent Systems. , 2020, , .		2

#	ARTICLE	IF	CITATIONS
19	Tracking control and parameter identification with quantized ARMAX systems. Science China Information Sciences, 2019, 62, 1.	4.3	13
20	Mixed Equilibrium Solution of Time-Inconsistent Stochastic Linear-Quadratic Problem. SIAM Journal on Control and Optimization, 2019, 57, 533-569.	2.1	12
21	Consensus conditions of continuous-time multi-agent systems with time-delays and measurement noises. Automatica, 2019, 99, 412-419.	5.0	99
22	Stability of stochastic functional differential systems using degenerate Lyapunov functionals and applications. Automatica, 2018, 91, 197-207.	5.0	45
23	Information Security Protocol Based System Identification with Binary-Valued Observations. Journal of Systems Science and Complexity, 2018, 31, 946-963.	2.8	3
24	Stochastic Consentability of Linear Systems With Time Delays and Multiplicative Noises. IEEE Transactions on Automatic Control, 2018, 63, 1059-1074.	5.7	67
25	Consensus of Nonlinear Multi-Agent Systems with Multiplicative Noises and Time-Varying Delays. , 2018, , .		3
26	An Introductory Review of Time-Inconsistent Stochastic Optimal Control. , 2018, , .		0
27	Time-Inconsistent Mean-Field Stochastic LQ Problem: Open-Loop Time-Consistent Control. IEEE Transactions on Automatic Control, 2018, 63, 2771-2786.	5.7	19
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	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
30	Coordination Over Multi-Agent Networks With Unmeasurable States and Finite-Level Quantization. IEEE Transactions on Automatic Control, 2017, 62, 4647-4653.	5.7	17
31	Decision-implementation complexity of cooperative game systems. Science China Information Sciences, 2017, 60, 1.	4.3	6
32	Stochastic LQ problem with delayed control. , 2017, , .		0
33	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
34	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
35	Synchronization of neutrally stable linear systems over digital networks. , 2016, , .		0
36	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

#	ARTICLE	IF	CITATIONS
37	SVSI: Fast and Powerful Set-Valued System Identification Approach to Identifying Rare Variants in Sequencing Studies for Ordered Categorical Traits. <i>Annals of Human Genetics</i> , 2015, 79, 294-309.	0.8	9
38	Distributed dynamic consensus under quantized communication data. <i>International Journal of Robust and Nonlinear Control</i> , 2015, 25, 1704-1720.	3.7	12
39	Indefinite Mean-Field Stochastic Linear-Quadratic Optimal Control. <i>IEEE Transactions on Automatic Control</i> , 2015, 60, 1786-1800.	5.7	54
40	Continuous-time multi-agent averaging with relative-state-dependent measurement noises: matrix intensity functions. <i>IET Control Theory and Applications</i> , 2015, 9, 374-380.	2.1	16
41	Stochastic linear-quadratic optimal control without time-consistency requirement. <i>Communications in Information and Systems</i> , 2015, 15, 521-550.	0.5	1
42	Multi-equilibrium property of metabolic networks: MMN module. <i>International Journal of Robust and Nonlinear Control</i> , 2014, 24, 1505-1529.	3.7	1
43	Distributed tracking of nonlinear multi-agent systems with unstable dynamics. , 2014, , .		0
44	Hierarchical Mean Field Games for Multiagent Systems With Tracking-Type Costs: Distributed $\epsilon$ -Stackelberg Equilibria. <i>IEEE Transactions on Automatic Control</i> , 2014, 59, 2241-2247.	5.7	37
45	Multi-Agent Consensus With Relative-State-Dependent Measurement Noises. <i>IEEE Transactions on Automatic Control</i> , 2014, 59, 2463-2468.	5.7	170
46	Protein-interaction-network-based analysis for genome-wide association analysis of schizophrenia in Han Chinese population. <i>Journal of Psychiatric Research</i> , 2014, 50, 73-78.	3.1	22
47	Adaptive Mean Field Games for Large Population Coupled ARX Systems with Unknown Coupling Strength. <i>Dynamic Games and Applications</i> , 2013, 3, 489-507.	1.9	6
48	Adaptive Tracking Control of Linear Systems With Binary-Valued Observations and Periodic Target. <i>IEEE Transactions on Automatic Control</i> , 2013, 58, 1293-1298.	5.7	19
49	Distributed output feedback control of Markov jump multi-agent systems. <i>Automatica</i> , 2013, 49, 1397-1402.	5.0	48
50	Distributed tracking of second-order multi-agent systems with measurement noise. , 2013, , .		3
51	System identification with multi-threshold quantized observations and bounded persistent excitations. , 2012, , .		0
52	Distributed control of multi-agent systems with random parameters and a major agent. <i>Automatica</i> , 2012, 48, 2093-2106.	5.0	61
53	Adaptive tracking of a class of first-order systems with binary-valued observations and fixed thresholds. <i>Journal of Systems Science and Complexity</i> , 2012, 25, 1041-1051.	2.8	19
54	On formability of linear continuous-time multi-agent systems. <i>Journal of Systems Science and Complexity</i> , 2012, 25, 13-29.	2.8	176

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55	Adaptive tracking control with quantized output observations and single unknown parameter. , 2011, , .		0
56	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
57	A parameter condition for ruling out multiple equilibria of the photosynthetic carbon metabolism. Asian Journal of Control, 2011, 13, 611-624.	3.0	5
58	Multi-ε-equilibrium property of metabolic networks: Exclusion of multi-ε-stability for SSN metabolic modules. International Journal of Robust and Nonlinear Control, 2011, 21, 1791-1806.	3.7	3
59	Consensus control for leader-following multi-agent systems with measurement noises. Journal of Systems Science and Complexity, 2010, 23, 35-49.	2.8	178
60	Robust adaptive control of coupled stochastic multi-agent systems with unmodeled dynamics. , 2010, , .		2
61	Necessary and Sufficient Conditions for Consensusability of Linear Multi-Agent Systems. IEEE Transactions on Automatic Control, 2010, 55, 1263-1268.	5.7	607
62	Analysis on steady states of photosynthetic carbon metabolic system. , 2009, , .		2
63	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
64	Input-to-state stability of switched nonlinear systems. Science in China Series F: Information Sciences, 2008, 51, 1992-2004.	1.1	21
65	Two-stage designs to identify the effects of SNP combinations on complex diseases. Journal of Human Genetics, 2008, 53, 739-746.	2.3	11
66	Output-ε-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
67	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
68	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
69	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
70	Output-feedback-based adaptive risk-sensitive tracking control for stochastic nonlinear uncertain systems. , 2007, , .		0
71	Robust Output-feedback Stabilization for a Class of Uncertain Stochastic Nonlinear Systems with Time-varying Time Delays. , 2007, , .		9
72	Reachability analysis of switched linear discrete singular systems. Journal of Control Theory and Applications, 2006, 4, 11-17.	0.8	3

#	ARTICLE	IF	CITATIONS
73	Identification of Wiener Models with Binary-Valued Output Observations. , 2006, , .		0
74	Global stability of systems with amplitude and rate saturation compensation. International Journal of Robust and Nonlinear Control, 2005, 15, 155-170.	3.7	9
75	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
76	System identification with binary-valued sensors. , 2001, , .		0
77	Fundamental limitations and differences of robust and adaptive control. , 2001, , .		3
78	Adaptive regulation for deterministic systems. Acta Mathematicae Applicatae Sinica, 1991, 7, 332-343.	0.7	1
79	Convergence rates in stochastic adaptive tracking. International Journal of Control, 1989, 49, 1915-1935.	1.9	9
80	On the minimal-order of dynamic output regulators. , 0, , .		0