

# Bo Cai

## List of Publications by Year in descending order

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papers

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citations

933447

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996975

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all docs

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docs citations

19  
times ranked

248  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observed-Mode-Dependent State Estimation of Hidden Semi-Markov Jump Linear Systems. IEEE Transactions on Automatic Control, 2020, 65, 442-449.	5.7	89
2	Stabilization of hidden semi-Markov jump systems: Emission probability approach. Automatica, 2019, 101, 87-95.	5.0	88
3	Control Synthesis of Hidden Semi-Markov Uncertain Fuzzy Systems via Observations of Hidden Modes. IEEE Transactions on Cybernetics, 2020, 50, 3709-3718.	9.5	50
4	Stabilization of non-homogeneous hidden semi-Markov Jump systems with limited sojourn-time information. Automatica, 2020, 117, 108963.	5.0	46
5	Switched linear parameter-varying modeling and tracking control for flexible hypersonic vehicle. Aerospace Science and Technology, 2019, 95, 105445.	4.8	27
6	Estimation for Fuzzy Semi-Markov Jump Systems With Indirectly Accessible Mode Information and Nonideal Data Transmission. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4016-4027.	9.3	24
7	Stabilization of a class of fuzzy stochastic jump systems with partial information on jump and sojourn parameters. Science China Technological Sciences, 2021, 64, 353-363.	4.0	17
8	Stability and Control of Fuzzy Semi-Markov Jump Systems Under Unknown Semi-Markov Kernel. IEEE Transactions on Fuzzy Systems, 2022, 30, 2452-2465.	9.8	16
9	Nonsynchronized State Estimation for Fuzzy Markov Jump Affine Systems With Switching Region Partitions. IEEE Transactions on Cybernetics, 2022, 52, 2430-2439.	9.5	14
10	Switched linear parameter-varying tracking control for quadrotors with large attitude angles and time-varying inertia. Optimal Control Applications and Methods, 2021, 42, 1320-1336.	2.1	11
11	Finite-time switched LPV control of quadrotors with guaranteed performance. Journal of the Franklin Institute, 2021, 358, 7032-7054.	3.4	11
12	Sliding mode control of continuous-time switched systems with signal quantization and actuator nonlinearity. Science Progress, 2020, 103, 003685042091215.	1.9	5
13	A novel control approach for piecewise-affine systems with quantization in both measurement outputs and control inputs. , 2016, , .		4
14	Bumpless Transfer Control for A Class of Hybrid Stochastic Systems and Application to Electromagnetic Oscillation Circuit. , 2021, , .		3
15	Guaranteed performance control of switched linear systems: A differential-Riccati-equation-based approach. Peer-to-Peer Networking and Applications, 2019, 12, 1810-1819.	3.9	2
16	Global Exponential Stability Criteria for Proportional Delay High-Order Neural Networks: A Hyper-Exponential Stability Technique. IFAC-PapersOnLine, 2020, 53, 4792-4797.	0.9	2
17	Finite-time bounded control for quadrotors with extended dissipative performance using a switched system approach. Transactions of the Institute of Measurement and Control, 2022, 44, 2511-2521.	1.7	2
18	Stabilization of Discrete-Time Hidden Semi-Markov Jump Systems with Time-varying Emission Probability. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
19	Controller Design for Switched LPV Systems with Hidden semi-Markov Mode Switching. , 2021, , .		1