

# Jie Tao

## List of Publications by Citations

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42  
papers

1,877  
citations

21  
h-index

43  
g-index

45  
ext. papers

2,241  
ext. citations

6.3  
avg, IF

5.55  
L-index

#	Paper	IF	Citations
42	Passivity-Based Asynchronous Control for Markov Jump Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 2020-2025	5.9	321
41	Asynchronous Dissipative State Estimation for Stochastic Complex Networks With Quantized Jumping Coupling and Uncertain Measurements. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2017</b> , 28, 268-277	10.3	181
40	Dissipativity-Based Sampled-Data Fuzzy Control Design and its Application to Truck-Trailer System. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2015</b> , 23, 1669-1679	8.3	128
39	Fuzzy-Model-Based Nonfragile Guaranteed Cost Control of Nonlinear Markov Jump Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2017</b> , 47, 2388-2397	7.3	119
38	Dissipativity-Based Reliable Control for Fuzzy Markov Jump Systems With Actuator Faults. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 2377-2388	10.2	111
37	Robust Estimation for Neural Networks With Randomly Occurring Distributed Delays and Markovian Jump Coupling. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 845-855	10.3	98
36	Asynchronous and Resilient Filtering for Markovian Jump Neural Networks Subject to Extended Dissipativity. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 2504-2513	10.2	97
35	Distributed Sliding-Mode Tracking Control of Second-Order Nonlinear Multiagent Systems: An Event-Triggered Approach. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 3892-3902	10.2	92
34	. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2017</b> , 25, 1616-1628	8.3	81
33	Fuzzy-Model-Based Quantized Guaranteed Cost Control of Nonlinear Networked Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2015</b> , 23, 567-575	8.3	74
32	Dissipativity-Based Resilient Filtering of Periodic Markovian Jump Neural Networks With Quantized Measurements. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 1888-1899	10.3	53
31	Robust H <sub>∞</sub> Filtering for Markov jump systems with mode-dependent quantized output and partly unknown transition probabilities. <i>Signal Processing</i> , <b>2017</b> , 137, 328-338	4.4	52
30	Reachable Set Estimation for Markovian Jump Neural Networks With Time-Varying Delays. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 3208-3217	10.2	51
29	State Estimation for Periodic Neural Networks With Uncertain Weight Matrices and Markovian Jump Channel States. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 1841-1850	7.3	42
28	Stability of continuous-time positive switched linear systems: A weak common copositive Lyapunov functions approach. <i>Automatica</i> , <b>2018</b> , 97, 278-285	5.7	42
27	Finite-Horizon l-l Synchronization for Time-Varying Markovian Jump Neural Networks Under Mixed-Type Attacks: Observer-Based Case. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2019</b> , 30, 1695-1704	10.3	35
26	Asynchronous Filtering of Nonlinear Markov Jump Systems With Randomly Occurred Quantization via TB Fuzzy Models. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2017</b> , 1-1	8.3	33

25	Reliable Control Against Sensor Failures for Markov Jump Systems With Unideal Measurements. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 308-316	7.3	31
24	Quasi-Synchronization of Time Delay Markovian Jump Neural Networks With Impulsive-Driven Transmission and Fading Channels. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 4121-4131	10.2	30
23	. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 4564-4579	5.9	28
22	Filtering of TB Fuzzy Systems With Nonuniform Sampling. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 2442-2450	7.3	23
21	Sliding mode control for state-delayed Markov jump systems with partly unknown transition probabilities. <i>Nonlinear Dynamics</i> , <b>2018</b> , 91, 475-486	5	19
20	Dissipativity-based filtering of nonlinear periodic Markovian jump systems: The discrete-time case. <i>Neurocomputing</i> , <b>2016</b> , 171, 807-814	5.4	15
19	Dissipativity-based asynchronous filtering for periodic Markov jump systems. <i>Information Sciences</i> , <b>2017</b> , 420, 505-516	7.7	15
18	Observer-Based Impulsive Synchronization for Neural Networks With Uncertain Exchanging Information. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 3777-3787	10.3	15
17	Quasi-Synchronization for Periodic Neural Networks With Asynchronous Target and Constrained Information. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 4379-4388	7.3	15
16	Passive filter design for periodic stochastic systems with quantized measurements and randomly occurring nonlinearities. <i>Journal of the Franklin Institute</i> , <b>2016</b> , 353, 144-159	4	10
15	State Estimation for Networked Systems With Markov Driven Transmission and Buffer Constraint. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-8	7.3	9
14	Adaptive sliding mode control of switched systems with different input matrix. <i>International Journal of Control, Automation and Systems</i> , <b>2017</b> , 15, 2500-2506	2.9	9
13	Lebesgue-Approximation Model Predictive Control of Nonlinear Sampled-Data Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2020</b> , 65, 4047-4060	5.9	8
12	Nonfragile Observer-Based Control for Markovian Jump Systems Subject to Asynchronous Modes. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 3533-3540	7.3	8
11	Filtering of two-dimensional periodic Roesser systems subject to dissipativity. <i>Information Sciences</i> , <b>2018</b> , 460-461, 364-373	7.7	6
10	Hybrid Hierarchical Backtracking Search Optimization Algorithm and Its Application. <i>Arabian Journal for Science and Engineering</i> , <b>2018</b> , 43, 993-1014	2.5	5
9	Teaching Learning-based optimization with differential and repulsion learning for global optimization and nonlinear modeling. <i>Soft Computing</i> , <b>2018</b> , 22, 7177-7205	3.5	4
8	Dynamic Event-Triggered State Estimation for Markov Jump Neural Networks With Partially Unknown Probabilities. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , PP,	10.3	4

7	Observer-based sliding mode control of Markov jump systems with random sensor delays and partly unknown transition rates. <i>International Journal of Systems Science</i> , <b>2017</b> , 48, 2985-2996	2-3	3
6	Event-Triggered and Asynchronous Reduced-Order Filtering Codesign for Fuzzy Markov Jump Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-10	7-3	3
5	Quantized fuzzy passification for nonlinear systems with Markov-based transmission delays. <i>Journal of the Franklin Institute</i> , <b>2017</b> , 354, 1875-1891	4	2
4	Reliable Control for Two-Dimensional Systems Subject to Extended Dissipativity. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 2760-2765	7-3	2
3	State estimation for neural networks with jumping interval weight matrices and transmission delays. <i>Neurocomputing</i> , <b>2018</b> , 275, 909-915	5-4	1
2	An enhanced colliding bodies optimization and its application. <i>Artificial Intelligence Review</i> , <b>2020</b> , 53, 1127-1186	9-7	0
1	Dynamic event-triggered and asynchronous sliding mode control for T-S fuzzy Markov jump systems. <i>Nonlinear Dynamics</i> ,1	5	0