Yong-Gui Kao

List of Publications by Year
in descending order

42 papers	2,245 citations	304743 22 h-index	265206 42 g-index
42 all docs	42 docs citations	42 times ranked	1437 citing authors

#	Article	IF	Citations
1	A sliding mode approach to H_∞ non-fragile observer-based control design for uncertain Markovian neutral-type stochastic systems. Automatica, 2015, 52, 218-226.	5.0	245
2	Stability and Stabilization for Singular Switching Semi-Markovian Jump Systems With Generally Uncertain Transition Rates. IEEE Transactions on Automatic Control, 2018, 63, 3919-3926.	5.7	207
3	Stabilization of Singular Markovian Jump Systems With Generally Uncertain Transition Rates. IEEE Transactions on Automatic Control, 2014, 59, 2604-2610.	5.7	206
4	Notice of Violation of IEEE Publication Principles: A Novel Robust Fuzzy Integral Sliding Mode Control for Nonlinear Semi-Markovian Jump Tâ€"S Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 3594-3604.	9.8	184
5	Takagiâ€"Sugeno Model Based Event-Triggered Fuzzy Sliding-Mode Control of Networked Control Systems With Semi-Markovian Switchings. IEEE Transactions on Fuzzy Systems, 2020, 28, 673-683.	9.8	159
6	Passification of Uncertain Singular Semi-Markovian Jump Systems With Actuator Failures Via Sliding Mode Approach. IEEE Transactions on Automatic Control, 2017, 62, 4138-4143.	5.7	124
7	Observer-Based Adaptive Sliding Mode Control for Nonlinear Stochastic Markov Jump Systems via Tâ€"S Fuzzy Modeling: Applications to Robot Arm Model. IEEE Transactions on Industrial Electronics, 2021, 68, 466-477.	7.9	118
8	Notice of Violation of IEEE Publication Principles: Adaptive Control of Nonlinear Semi-Markovian Jump Tâ€"S Fuzzy Systems With Immeasurable Premise Variables via Sliding Mode Observer. IEEE Transactions on Cybernetics, 2020, 50, 810-820.	9.5	104
9	Takagiâ€"Sugeno Model-Based Sliding Mode Observer Design for Finite-Time Synthesis of Semi-Markovian Jump Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1505-1515.	9.3	81
10	Interval Type-2 Fuzzy Sampled-Data H_{∞} Control for Nonlinear Unreliable Networked Control Systems. IEEE Transactions on Fuzzy Systems, 2020, 28, 1434-1448.	9.8	75
11	Mittagâ€"Leffler Synchronization of Delayed Fractional Memristor Neural Networks via Adaptive Control. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2279-2284.	11.3	68
12	Input-to-state stability for discrete-time nonlinear switched singular systems. Information Sciences, 2016, 358-359, 18-28.	6.9	63
13	Reduced-order adaptive sliding mode control for nonlinear switching semi-Markovian jump delayed systems. Information Sciences, 2019, 477, 334-348.	6.9	52
14	New results for sampled-data control of interval type-2 fuzzy nonlinear systems. Journal of the Franklin Institute, 2020, 357, 121-141.	3.4	51
15	An Input Delay Approach to Interval Type-2 Fuzzy Exponential Stabilization for Nonlinear Unreliable Networked Sampled-Data Control Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3488-3497.	9.3	47
16	Finiteâ€time filtering for ItÃ´ stochastic Markovian jump systems with distributed timeâ€varying delays based on optimisation algorithm. IET Control Theory and Applications, 2019, 13, 702-710.	2.1	46
17	Interval type-2 fuzzy sampled-data control of time-delay systems. Information Sciences, 2019, 487, 193-207.	6.9	36
18	Takagiâ€"Sugeno Model-Based Reliable Sliding Mode Control of Descriptor Systems With Semi-Markov Parameters: Average Dwell Time Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1549-1558.	9.3	34

#	Article	IF	Citations
19	Decentralized Adaptive Command Filtered Neural Tracking Control of Large-Scale Nonlinear Systems: An Almost Fast Finite-Time Framework. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3621-3632.	11.3	30
20	Exponential stability of switched Markovian jumping neutral-type systems with generally incomplete transition rates. International Journal of Robust and Nonlinear Control, 2018, 28, 1583-1596.	3.7	28
21	Robust nonfragile observer-based control of switched discrete singular systems with time-varying delays: A sliding mode control design. International Journal of Robust and Nonlinear Control, 2019, 29, 1462-1483.	3.7	26
22	Uniform Stability of Complex-Valued Neural Networks of Fractional Order With Linear Impulses and Fixed Time Delays. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 5321-5331.	11.3	25
23	Global Mittag–Leffler Stability of the Delayed Fractional-Coupled Reaction-Diffusion System on Networks Without Strong Connectedness. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6473-6483.	11.3	24
24	`<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e217" altimg="si1.gif"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>∞</mml:mi></mml:mrow></mml` mode control of discrete switched systems with time-varying delays. ISA Transactions, 2019, 89, 12-19.	5.7	18
25	Quantized control for uncertain singular Markovian jump linear systems with general incomplete transition rates. International Journal of Control, Automation and Systems, 2017, 15, 1107-1116.	2.7	17
26	Observer-based mode-independent integral sliding mode controller design for phase-type semi-Markov jump singular systems. International Journal of Robust and Nonlinear Control, 2019, 29, 5213-5226.	3.7	17
27	Observer-based adaptive sliding mode control of uncertain switched systems. IET Control Theory and Applications, 2020, 14, 519-525.	2.1	17
28	Non-fragile sliding mode control of discrete switched singular systems with time-varying delays. IET Control Theory and Applications, 2020, 14, 726-737.	2.1	16
29	Fuzzy event-triggered control for nonlinear networked control systems. Journal of the Franklin Institute, 2022, 359, 2593-2607.	3.4	16
30	Finite-time H_∞ Control of Stochastic Singular Systems with Partly Known Transition Rates via an Optimization Algorithm. International Journal of Control, Automation and Systems, 2019, 17, 1462-1472.	2.7	13
31	Impact of fear effect and prey refuge on a fractional order prey–predator system with Beddington–DeAngelis functional response. Chaos, 2022, 32, 043125.	2.5	13
32	Stability for delayed switched systems with Markov jump parameters and generally incomplete transition rates. Applied Mathematics and Computation, 2020, 365, 124718.	2.2	12
33	Integrator-based robust sliding mode control of uncertain stochastic Markovian jump delay systems with non-linear perturbations. IET Control Theory and Applications, 2017, 11, 1124-1133.	2.1	11
34	Tracking control design for interval type-2 fuzzy nonlinear unreliable networked control systems. Journal of the Franklin Institute, 2021, 358, 4159-4177.	3.4	11
35	SMC for semi-Markov jump T-S fuzzy systems with time delay. Applied Mathematics and Computation, 2020, 374, 125001.	2.2	10
36	Projective synchronisation of variable-order systems via fractional sliding mode control approach. IET Control Theory and Applications, 2020, 14, 12-18.	2.1	10

#	Article	IF	Citations
37	Observer-based Adaptive Control for a Class of Uncertain Switched Systems with Time-delay: A Sliding Mode Approach. International Journal of Control, Automation and Systems, 2020, 18, 2907-2916.	2.7	8
38	Composite antiâ€disturbance control for semiâ€Markovian jump systems with timeâ€varying delay and generally uncertain transition rates via disturbance observer. IET Control Theory and Applications, 2020, 14, 1877-1887.	2.1	8
39	Stochastic stabilization of Markovian jump neutral systems with fractional Brownian motion and quantized controller. Journal of the Franklin Institute, 2021, 358, 9449-9466.	3.4	4
40	Mittag-Leffler Stability of Fractional-Order Nonlinear Differential Systems With State-Dependent Delays. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 2108-2116.	5.4	4
41	Fuzzy event-triggered tracking control for nonlinear unreliable networked systems. ISA Transactions, 2023, 133, 205-217.	5.7	4
42	Global Mittag-Leffler stability and existence of the solution for fractional-order complex-valued NNs with asynchronous time delays. Chaos, 2021, 31, 113110.	2.5	3