Hamid Reza Karimi

List of Publications by Year
in descending order

648	26,358	3333	11303
papers	citations	91 h-index	136 g-index

653	653	653	11378
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Output-Feedback-Based H_{infty} Control for Vehicle Suspension Systems With Control Delay. IEEE Transactions on Industrial Electronics, 2014, 61, 436-446.	5.2	458
2	Notice of Violation of IEEE Publication Principles: New Delay-Dependent Exponential H_{infty} Synchronization for Uncertain Neural Networks With Mixed Time Delays. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 173-185.	5.5	428
3	Finite-Time Event-Triggered $mathcal{H}_{infty }$ Control for Tâ€“S Fuzzy Markov Jump Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 3122-3135.	6.5	401
4	Notice of Violation of IEEE Publication Principles: Robust Observer Design for Unknown Inputs Takagiâ€“Sugeno Models. IEEE Transactions on Fuzzy Systems, 2013, 21, 158-164.	6.5	373
5	A Robust Observer-Based Sensor Fault-Tolerant Control for PMSM in Electric Vehicles. IEEE Transactions on Industrial Electronics, 2016, 63, 7671-7681.	5.2	328
6	Notice of Violation of IEEE Publication Principles: Robust Delay-Dependent H_{infty} Control of Uncertain Time-Delay Systems With Mixed Neutral, Discrete, and Distributed Time-Delays and Markovian Switching Parameters. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 1910-1923.	3.5	321
7	Data-driven design of robust fault detection system for wind turbines. Mechatronics, 2014, 24, 298-306.	2.0	321
8	Notice of Violation of IEEE Publication Principles: Dissipativity-Based Fuzzy Integral Sliding Mode Control of Continuous-Time T-S Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 1164-1176.	6.5	304
9	Notice of Violation of IEEE Publication Principles: Reliable Output Feedback Control of Discrete-Time Fuzzy Affine Systems With Actuator Faults. IEEE Transactions on Circuits and Systems I: Regular Papers, 2017, 64, 170-181.	3.5	298
10	Approximation-Based Adaptive Fuzzy Tracking Control for a Class of Nonstrict-Feedback Stochastic Nonlinear Time-Delay Systems. IEEE Transactions on Fuzzy Systems, 2015, 23, 1746-1760.	6.5	269
11	A sliding mode approach to Hâˆž synchronization of masterâ€“slave time-delay systems with Markovian jumping parameters and nonlinear uncertainties. Journal of the Franklin Institute, 2012, 349, 1480-1496.	1.9	268
12	A sliding mode approach to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow></m non-fragile observer-based control design for uncertain Markovian neutral-type stochastic systems. Automatica, 2015, 52, 218-226.	3.0	245
13	Tracking Control of Networked Multi-Agent Systems Under New Characterizations of Impulses and Its Applications in Robotic Systems. IEEE Transactions on Industrial Electronics, 2016, 63, 1299-1307.	5.2	238
14	Asynchronous Finite-Time Filtering of Networked Switched Systems and its Application: an Event-Driven Method. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 391-402.	3.5	238
15	Actuator and sensor faults estimation based on proportional integral observer for TS fuzzy model. Journal of the Franklin Institute, 2017, 354, 2524-2542.	1.9	220
16	Disturbance observer-based disturbance attenuation control for a class of stochastic systems. Automatica, 2016, 63, 21-25.	3.0	217
17	Novel Stability Criteria for T–S Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2014, 22, 313-323.	6.5	214
18	Vibration analysis for bearing fault detection and classification using an intelligent filter. Mechatronics, 2014, 24, 151-157.	2.0	209

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19	Consensus of multi-agent systems via fully distributed event-triggered control. Automatica, 2020, 116, 108898.	3.0	208
20	Stability and Stabilization for Singular Switching Semi-Markovian Jump Systems With Generally Uncertain Transition Rates. IEEE Transactions on Automatic Control, 2018, 63, 3919-3926.	3.6	207
21	Event-Triggered Communication and Annular Finite-Time Hâˆž Filtering for Networked Switched Systems. IEEE Transactions on Cybernetics, 2021, 51, 309-317.	6.2	199
22	Observer-Based Adaptive SMC for Nonlinear Uncertain Singular Semi-Markov Jump Systems With Applications to DC Motor. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 2951-2960.	3.5	197
23	Accurate Trajectory Tracking of Disturbed Surface Vehicles: A Finite-Time Control Approach. IEEE/ASME Transactions on Mechatronics, 2019, 24, 1064-1074.	3.7	195
24	Adaptive Output-Feedback Controller Design for Switched Nonlinear Stochastic Systems With a Modified Average Dwell-Time Method. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1371-1382.	5.9	191
25	SPECIAL ISSUE ON â€˜SMC based observation, identification, uncertainties compensation and fault detectionâ€™. Asian Journal of Control, 2019, 21, 1-2.	1.9	188
26	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.	6.5	184
27	Notice of Violation of IEEE Publication Principles: Sliding Mode Control of Fuzzy Singularly Perturbed Systems With Application to Electric Circuit. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1667-1675.	5.9	181
28	New results on dynamic output feedback control for Markovian jump systems with timeâ€varying delay and defective mode information. Optimal Control Applications and Methods, 2014, 35, 656-675.	1.3	180
29	Output Feedback Active Suspension Control With Higher Order Terminal Sliding Mode. IEEE Transactions on Industrial Electronics, 2017, 64, 1392-1403.	5.2	180
30	Adaptive Sliding Mode Control for Takagiâ€“Sugeno Fuzzy Systems and Its Applications. IEEE Transactions on Fuzzy Systems, 2018, 26, 531-542.	6.5	177
31	New approach to delay-dependent <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0018.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mo>âˆž</mml:mo></mml:mrow></mml:msub></mml:math> control for continuous-time Markovian jump systems with time-varying delay and deficient transition descriptions. Journal of the Franklin Institute, 2015, 352, 189-215.	4.0	176
32	Adaptive Event-Triggered Consensus of Multiagent Systems on Directed Graphs. IEEE Transactions on Automatic Control, 2021, 66, 1670-1685.	3.6	168
33	Improved recurrent neural network-based manipulator control with remote center of motion constraints: Experimental results. Neural Networks, 2020, 131, 291-299.	3.3	166
34	Improved Stability and Stabilization Results for Stochastic Synchronization of Continuous-Time Semi-Markovian Jump Neural Networks With Time-Varying Delay. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 2488-2501.	7.2	162
35	A Flexible Terminal Approach to Sampled-Data Exponentially Synchronization of Markovian Neural Networks With Time-Varying Delayed Signals. IEEE Transactions on Cybernetics, 2018, 48, 2232-2244.	6.2	162
36	Event-Triggered Robust Fuzzy Adaptive Finite-Time Control of Nonlinear Systems With Prescribed Performance. IEEE Transactions on Fuzzy Systems, 2021, 29, 1460-1471.	6.5	162

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37	A review of diagnostics and prognostics of low-speed machinery towards wind turbine farm-level health management. Renewable and Sustainable Energy Reviews, 2016, 53, 697-708.	8.2	159
38	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.	6.5	159
39	Stability of Stochastic Nonlinear Systems With State-Dependent Switching. IEEE Transactions on Automatic Control, 2013, 58, 1904-1918.	3.6	154
40	Some Improved Razumikhin Stability Criteria for Impulsive Stochastic Delay Differential Systems. IEEE Transactions on Automatic Control, 2019, 64, 5207-5213.	3.6	153
41	Filtering design for two-dimensional Markovian jump systems with state-delays and deficient mode information. Information Sciences, 2014, 269, 316-331.	4.0	152
42	H_infty Refined Antidisturbance Control of Switched LPV Systems With Application to Aero-Engine. IEEE Transactions on Industrial Electronics, 2020, 67, 3180-3190.	5.2	150
43	Robust Stability and Stabilization of Uncertain Tâ€“S Fuzzy Systems With Time-Varying Delay: An Inputâ€“Output Approach. IEEE Transactions on Fuzzy Systems, 2013, 21, 883-897.	6.5	147
44	Notice of Violation of IEEE Publication Principles: Fuzzy-Model-Based Sliding Mode Control of Nonlinear Descriptor Systems. IEEE Transactions on Cybernetics, 2019, 49, 3409-3419.	6.2	146
45	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml7" display="inline" overflow="scroll" altimg="si3.gif"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>â^ž</mml:mi></mml:mrow></mml:msub></mml:math> control of Markov jump time-delay systems under asynchronous controller and quantizer. Automatica, 2019, 99, 352-360.	3.6	146
46	Sliding Mode Control for Nonlinear Stochastic Singular Semi-Markov Jump Systems. IEEE Transactions on Automatic Control, 2020, 65, 361-368.	3.6	146
47	An Event-Based Asynchronous Approach to Markov Jump Systems With Hidden Mode Detections and Missing Measurements. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1749-1758.	5.9	144
48	Quantized Nonstationary Filtering of Networked Markov Switching RSNSs: A Multiple Hierarchical Structure Strategy. IEEE Transactions on Automatic Control, 2020, 65, 4816-4823.	3.6	144
49	$mathscr {L}_infty$ Control for Positive Delay Systems With Semi-Markov Process and Application to a Communication Network Model. IEEE Transactions on Industrial Electronics, 2019, 66, 2081-2091.	5.2	142
50	Quantized Filtering for Continuousâ€Time Markovian Jump Systems with Deficient Mode Information. Asian Journal of Control, 2015, 17, 1914-1923.	1.9	138
51	Notice of Violation of IEEE Publication Principles: An Improved Result on Exponential Stabilization of Sampled-Data Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 3875-3883.	6.5	138
52	Semiactive Control Methodologies for Suspension Control With Magnetorheological Dampers. IEEE/ASME Transactions on Mechatronics, 2012, 17, 370-380.	3.7	134
53	Robust Control of Continuous-Time Systems With State-Dependent Uncertainties and Its Application to Electronic Circuits. IEEE Transactions on Industrial Electronics, 2014, 61, 4161-4170.	5.2	133
54	Distributed Filtering for Switched Linear Systems With Sensor Networks in Presence of Packet Dropouts and Quantization. IEEE Transactions on Circuits and Systems I: Regular Papers, 2017, 64, 2783-2796.	3.5	133

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55	Finite-Time L₂-Gain Asynchronous Control for Continuous-Time Positive Hidden Markov Jump Systems via Tâ€“S Fuzzy Model Approach. IEEE Transactions on Cybernetics, 2021, 51, 77-87.	6.2	133
56	Distributed H_infty Output-Feedback Control for Consensus of Heterogeneous Linear Multiagent Systems With Aperiodic Sampled-Data Communications. IEEE Transactions on Industrial Electronics, 2018, 65, 4145-4155.	5.2	132
57	Adaptive Neural Control of MIMO Nonstrict-Feedback Nonlinear Systems With Time Delay. IEEE Transactions on Cybernetics, 2016, 46, 1337-1349.	6.2	125
58	Adaptive Neural Control of Nonlinear Systems With Unknown Control Directions and Input Dead-Zone. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1897-1907.	5.9	123
59	Event-Based Secure Leader-Following Consensus Control for Multiagent Systems With Multiple Cyber Attacks. IEEE Transactions on Cybernetics, 2021, 51, 162-173.	6.2	122
60	A linear matrix inequality approach to robust fault detection filter design of linear systems with mixed time-varying delays and nonlinear perturbations. Journal of the Franklin Institute, 2010, 347, 957-973.	1.9	121
61	Static output feedback control of nonhomogeneous Markovian jump systems with asynchronous time delays. Information Sciences, 2017, 399, 219-238.	4.0	120
62	model reduction for continuous-time Markovian jump systems with incomplete statistics of mode information. International Journal of Systems Science, 2014, 45, 1496-1507.	3.7	118
63	Discreteâ€time H_{â€‰â€™â€‰}â€‰â€¢â€‰H_{â€‰â€‰žâ€‰} sensor fault detection observer de nonlinear systems with parameter uncertainty. International Journal of Robust and Nonlinear Control, 2015, 25, 339-361.	2.1	118
64	H_{infty} Output Tracking Control for Networked Systems With Adaptively Adjusted Event-Triggered Scheme. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2050-2058.	5.9	118
65	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.	5.2	118
66	Fault detection for discrete-time Markov jump linear systems with partially known transition probabilities. International Journal of Control, 2010, 83, 1564-1572.	1.2	114
67	Robust fault tolerant tracking controller design for a VTOL aircraft. Journal of the Franklin Institute, 2013, 350, 2627-2645.	1.9	114
68	A new design of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0019.gif" overflow="scroll"><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow></mml:math> â^ž filtering for continuous-time Markovian jump systems with time-varying delay and partially accessible mode information. Signal Processing, 2013, 93, 2392-2407.	2.1	114
69	Asynchronous L1 control of delayed switched positive systems with mode-dependent average dwell time. Information Sciences, 2014, 278, 703-714.	4.0	114
70	Delay-range-dependent exponential Hâ^ž synchronization of a class of delayed neural networks. Chaos, Solitons and Fractals, 2009, 41, 1125-1135.	2.5	113
71	Robust Control of Stochastic Systems Against Bounded Disturbances With Application to Flight Control. IEEE Transactions on Industrial Electronics, 2014, 61, 1504-1515.	5.2	113
72	Robust Finite-Time Control of Switched Linear Systems and Application to a Class of Servomechanism Systems. IEEE/ASME Transactions on Mechatronics, 2015, 20, 2476-2485.	3.7	113

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73	Static output-feedback control under information structure constraints. Automatica, 2013, 49, 313-316.	3.0	109
74	Fuzzy Output Tracking Control and Filtering for Nonlinear Discrete-Time Descriptor Systems Under Unreliable Communication Links. IEEE Transactions on Cybernetics, 2020, 50, 2369-2379.	6.2	108
75	Optimization and finite-frequency H â^ž control of active suspensions in in-wheel motor driven electric ground vehicles. Journal of the Franklin Institute, 2015, 352, 468-484.	1.9	107
76	On stability and stabilization of singular uncertain Takagiâ€“Sugeno fuzzy systems. Journal of the Franklin Institute, 2014, 351, 1453-1463.	1.9	106
77	An ant colony optimization-based fuzzy predictive control approach for nonlinear processes. Information Sciences, 2015, 299, 143-158.	4.0	105
78	Adaptive NN Dynamic Surface Controller Design for Nonlinear Pure-Feedback Switched Systems With Time-Delays and Quantized Input. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1676-1688.	5.9	105
79	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.	6.2	104
80	Observer-based finite-time fuzzy Hâ^ž control for discrete-time systems with stochastic jumps and time-delays. Signal Processing, 2014, 97, 252-261.	2.1	103
81	Stability of Markovian Jump Generalized Neural Networks With Interval Time-Varying Delays. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1840-1850.	7.2	103
82	H_{infty} Consensus and Synchronization of Nonlinear Systems Based on A Novel Fuzzy Model. IEEE Transactions on Cybernetics, 2013, 43, 2157-2169.	6.2	102
83	Robust fault tolerant tracking controller design for vehicle dynamics: A descriptor approach. Mechatronics, 2015, 30, 316-326.	2.0	102
84	Asynchronous Control of Continuous-Time Nonlinear Markov Jump Systems Subject to Strict Dissipativity. IEEE Transactions on Automatic Control, 2019, 64, 1250-1256.	3.6	101
85	Data-Driven Adaptive Observer for Fault Diagnosis. Mathematical Problems in Engineering, 2012, 2012, 1-21.	0.6	100
86	Fuzzy control for Electric Power Steering System with assist motor current input constraints. Journal of the Franklin Institute, 2015, 352, 562-576.	1.9	98
87	Reliable Control of Discrete-Time Piecewise-Affine Time-Delay Systems via Output Feedback. IEEE Transactions on Reliability, 2018, 67, 79-91.	3.5	98
88	Mixed <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si12.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></m output-feedback control of second-order neutral systems with time-varying state and input delays. ISA Transactions, 2008, 47, 311-324.	3.1	96
89	Model approximation for two-dimensional Markovian jump systems with state-delays and imperfect mode information. Multidimensional Systems and Signal Processing, 2015, 26, 575-597.	1.7	95
90	Resilient Sampled-Data Control for Markovian Jump Systems With an Adaptive Fault-Tolerant Mechanism. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 1312-1316.	2.2	94

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91	Robust H â^ž sliding mode control with pole placement for a fluid power electrohydraulic actuator (EHA) system. International Journal of Advanced Manufacturing Technology, 2014, 73, 1095-1104.	1.5	93
92	A Novel Memory Filtering Design for Semi-Markovian Jump Time-Delay Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2229-2241.	5.9	92
93	Synchronization of Network Systems via Aperiodic Sampled-Data Control With Constant Delay and Application to Unmanned Ground Vehicles. IEEE Transactions on Industrial Electronics, 2020, 67, 4980-4990.	5.2	91
94	Local Capacity H_{infty} Control for Production Networks of Autonomous Work Systems With Time-Varying Delays. IEEE Transactions on Automation Science and Engineering, 2010, 7, 849-857.	3.4	90
95	An Incremental Learning Framework for Human-Like Redundancy Optimization of Anthropomorphic Manipulators. IEEE Transactions on Industrial Informatics, 2022, 18, 1864-1872.	7.2	90
96	Finite-time stability and stabilisation for a class of nonlinear systems with time-varying delay. International Journal of Systems Science, 2016, 47, 1433-1444.	3.7	89
97	Security Control for Tâ€“S Fuzzy Systems With Adaptive Event-Triggered Mechanism and Multiple Cyber-Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6544-6554.	5.9	89
98	Adaptive-Critic Design for Decentralized Event-Triggered Control of Constrained Nonlinear Interconnected Systems Within an Identifier-Critic Framework. IEEE Transactions on Cybernetics, 2022, 52, 7478-7491.	6.2	89
99	Adaptive output feedback neural network control of uncertain non-affine systems with unknown control direction. Journal of the Franklin Institute, 2014, 351, 4302-4316.	1.9	88
100	Fault Detection for Linear Discrete Time-Varying Systems Subject to Random Sensor Delay: A Riccati Equation Approach. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 1707-1716.	3.5	88
101	Asymptotic Tracking Control for a More Representative Class of Uncertain Nonlinear Systems With Mismatched Uncertainties. IEEE Transactions on Industrial Electronics, 2019, 66, 9417-9427.	5.2	88
102	A Novel Finite-Time Control for Nonstrict Feedback Saturated Nonlinear Systems With Tracking Error Constraint. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3968-3979.	5.9	86
103	Reduced-Order Observer Design for Switched Descriptor Systems With Unknown Inputs. IEEE Transactions on Automatic Control, 2020, 65, 287-294.	3.6	85
104	Notice of Violation of IEEE Publication Principles: Fuzzy-Affine-Model-Based Memory Filter Design of Nonlinear Systems With Time-Varying Delay. IEEE Transactions on Fuzzy Systems, 2018, 26, 504-517.	6.5	84
105	Filtering of Discrete-Time Switched Neural Networks Ensuring Exponential Dissipative and l_{2} â€“ $l_{infty }$ Performances. IEEE Transactions on Cybernetics, 2017, 47, 3195-3207.	6.2	83
106	Robust synchronization and fault detection of uncertain master-slave systems with mixed time-varying delays and nonlinear perturbations. International Journal of Control, Automation and Systems, 2011, 9, 671-680.	1.6	82
107	An approximation algorithm for graph partitioning via deterministic annealing neural network. Neural Networks, 2019, 117, 191-200.	3.3	82
108	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.	5.9	81

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109	Successive Waypoints Tracking of an Underactuated Surface Vehicle. IEEE Transactions on Industrial Informatics, 2020, 16, 898-908.	7.2	81
110	Prediction of stock index futures prices based on fuzzy sets and multivariate fuzzy time series. Neurocomputing, 2015, 151, 1528-1536.	3.5	79
111	Decentralized unscented Kalman filter based on a consensus algorithm for multi-area dynamic state estimation in power systems. International Journal of Electrical Power and Energy Systems, 2015, 65, 26-33.	3.3	79
112	Robust fault estimation and fault-tolerant control for Markovian jump systems with general uncertain transition rates. Journal of the Franklin Institute, 2018, 355, 3508-3540.	1.9	78
113	Fault estimation for a class of nonlinear semiâ€Markovian jump systems with partly unknown transition rates and output quantization. International Journal of Robust and Nonlinear Control, 2018, 28, 5962-5980.	2.1	78
114	Finite-Time Observer-Based Sliding Mode Control for Quantized Semi-Markov Switching Systems With Application. IEEE Transactions on Industrial Informatics, 2020, 16, 1259-1271.	7.2	78
115	New Criteria for Stability of Generalized Neural Networks Including Markov Jump Parameters and Additive Time Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 485-499.	5.9	77
116	Global output feedback control for a class of nonlinear systems with unknown homogenous growth condition. International Journal of Robust and Nonlinear Control, 2019, 29, 2082-2095.	2.1	77
117	Guidance and control methodologies for marine vehicles: A survey. Control Engineering Practice, 2021, 111, 104785.	3.2	77
118	Faultâ€tolerant SMC for Takagiâ€“Sugeno fuzzy systems with timeâ€varying delay and actuator saturation. IET Control Theory and Applications, 2017, 11, 1112-1123.	1.2	76
119	Interval Type-2 Fuzzy Sampled-Data $H_{infty }$ Control for Nonlinear Unreliable Networked Control Systems. IEEE Transactions on Fuzzy Systems, 2020, 28, 1434-1448.	6.5	75
120	Model predictive controlâ€based nonâ€linear fault tolerant control for airâ€breathing hypersonic vehicles. IET Control Theory and Applications, 2014, 8, 1147-1153.	1.2	74
121	Networked Fault Detection for Markov Jump Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 3368-3378.	6.5	74
122	Adaptive Fuzzy Decentralized Tracking Control for Large-Scale Interconnected Nonlinear Networked Control Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 3186-3191.	6.5	74
123	â„’â‚•Control of Positive Semi-Markov Jump Systems With State Delay. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7569-7578.	5.9	74
124	On robust Kalman filter for two-dimensional uncertain linear discrete time-varying systems: A least squares method. Automatica, 2019, 99, 203-212.	3.0	73
125	Observer-Based Adaptive Consensus for a Class of Nonlinear Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1893-1900.	5.9	73
126	Robust Composite Nonlinear Feedback Path-Following Control for Independently Actuated Autonomous Vehicles With Differential Steering. IEEE Transactions on Transportation Electrification, 2016, 2, 312-321.	5.3	72

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127	Hâˆž control of parameter-dependent state-delayed systems using polynomial parameter-dependent quadratic functions. International Journal of Control, 2005, 78, 254-263.	1.2	71
128	Stability analysis and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si14.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow></mml:msub></mml:mrow></m controller synthesis of discrete-time switched systems with time delay. Systems and Control Letters, 2014, 66, 85-93.	1.3	69
129	Voltage Difference Residual-Based Open-Circuit Fault Diagnosis Approach for Three-Level Converters in Electric Traction Systems. IEEE Transactions on Power Electronics, 2020, 35, 3012-3028.	5.4	69
130	Observer-based adaptive neural tracking control for a class of nonlinear systems with prescribed performance and input dead-zone constraints. Neural Networks, 2022, 147, 126-135.	3.3	69
131	Global exponential stability of delayed Markovian jump fuzzy cellular neural networks with generally incomplete transition probability. Neural Networks, 2015, 63, 18-30.	3.3	68
132	Practical trajectory tracking of random Lagrange systems. Automatica, 2019, 105, 314-322.	3.0	68
133	A Markovian jump system approach to consensus of heterogeneous multiagent systems with partially unknown and uncertain attack strategies. International Journal of Robust and Nonlinear Control, 2020, 30, 3039-3053.	2.1	68
134	Special Issue on â€œRecent Developments on Modeling and Control of Hybrid Electric Vehiclesâ€• Asian Journal of Control, 2016, 18, 1-2.	1.9	67
135	Conditions for the Stability of Switched Systems Containing Unstable Subsystems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 617-621.	2.2	67
136	Residual wide-kernel deep convolutional auto-encoder for intelligent rotating machinery fault diagnosis with limited samples. Neural Networks, 2021, 141, 133-144.	3.3	67
137	Finite-Time $H_{infty }$ Filtering for Tâ€“S Fuzzy Discrete-Time Systems With Time-Varying Delay and Norm-Bounded Uncertainties. IEEE Transactions on Fuzzy Systems, 2015, 23, 2427-2434.	6.5	66
138	Observer and Stochastic Faulty Actuator-Based Reliable Consensus Protocol for Multiagent System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2383-2393.	5.9	65
139	Notice of Violation of IEEE Publication Principles: An Adaptive Event-Triggered Synchronization Approach for Chaotic Lurâ€™e Systems Subject to Aperiodic Sampled Data. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 442-446.	2.2	64
140	Exponential Stability, Passivity, and Dissipativity Analysis of Generalized Neural Networks With Mixed Time-Varying Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 395-405.	5.9	64
141	Sliding Mode Control for Nonlinear Stochastic Semi-Markov Switching Systems With Application to SRMM. IEEE Transactions on Industrial Electronics, 2020, 67, 3955-3966.	5.2	64
142	Input-to-state stability for discrete-time nonlinear switched singular systems. Information Sciences, 2016, 358-359, 18-28.	4.0	63
143	Sampled-Data Control of Network Systems in Industrial Manufacturing. IEEE Transactions on Industrial Electronics, 2018, 65, 9016-9024.	5.2	63
144	Self-Triggered DMPC Design for Cooperative Multiagent Systems. IEEE Transactions on Industrial Electronics, 2020, 67, 512-520.	5.2	63

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