

Shengyuan Xu

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3839411/shengyuan-xu-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

247
papers

10,568
citations

53
h-index

96
g-index

260
ext. papers

13,133
ext. citations

4.5
avg, IF

7.17
L-index

#	Paper	IF	Citations
247	Robust stability and stabilization for singular systems with state delay and parameter uncertainty. <i>IEEE Transactions on Automatic Control</i> , 2002 , 47, 1122-1128	5.9	444
246	Delay-Dependent H_{∞} Control and Filtering for Uncertain Markovian Jump Systems With Time-Varying Delays. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2007 , 54, 2070-2077		43 ²
245	Robust H_{∞} filtering for uncertain Markovian jump systems with mode-dependent time delays. <i>IEEE Transactions on Automatic Control</i> , 2003 , 48, 900-907	5.9	366
244	Slow State Variables Feedback Stabilization for Semi-Markov Jump Systems With Singular Perturbations. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 2709-2714	5.9	344
243	Improved delay-dependent stability criteria for time-delay systems. <i>IEEE Transactions on Automatic Control</i> , 2005 , 50, 384-387	5.9	34 ²
242	Filtering of Markovian Jump Delay Systems Based on a New Performance Index. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2013 , 60, 1250-1263	3.9	316
241	A survey of linear matrix inequality techniques in stability analysis of delay systems. <i>International Journal of Systems Science</i> , 2008 , 39, 1095-1113	2.3	298
240	Robust H_{∞} control for uncertain stochastic systems with state delay. <i>IEEE Transactions on Automatic Control</i> , 2002 , 47, 2089-2094	5.9	273
239	Observer-based adaptive neural network control for nonlinear stochastic systems with time delay. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 71-80	10.3	255
238	Neural-network-based decentralized adaptive output-feedback control for large-scale stochastic nonlinear systems. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2012 , 42, 1608-19		241
237	Distributed Containment Control with Multiple Dynamic Leaders for Double-Integrator Dynamics Using Only Position Measurements. <i>IEEE Transactions on Automatic Control</i> , 2012 , 57, 1553-1559	5.9	203
236	Relaxed conditions for stability of time-varying delay systems. <i>Automatica</i> , 2017 , 75, 11-15	5.7	201
235	On Equivalence and Efficiency of Certain Stability Criteria for Time-Delay Systems. <i>IEEE Transactions on Automatic Control</i> , 2007 , 52, 95-101	5.9	198
234	Robust H_{∞} control for uncertain discrete-time-delay fuzzy systems via output feedback controllers. <i>IEEE Transactions on Fuzzy Systems</i> , 2005 , 13, 82-93	8.3	189
233	New results on delay-dependent robust . <i>Automatica</i> , 2006 , 42, 343-348	5.7	179
232	Asymptotic Tracking Control of Uncertain Nonlinear Systems With Unknown Actuator Nonlinearity. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 1336-1341	5.9	168
231	Adaptive Output Feedback Control for Nonlinear Time-Delay Systems by Fuzzy Approximation Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2013 , 21, 301-313	8.3	166

230	Passivity Analysis of Neural Networks With Time-Varying Delays. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2009 , 56, 325-329	3.5	163
229	Improved stability criterion and its applications in delayed controller design for discrete-time systems. <i>Automatica</i> , 2008 , 44, 2963-2967	5.7	144
228	Stability Analysis of Distributed Delay Neural Networks Based on Relaxed Lyapunov-Krasovskii Functionals. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015 , 26, 1480-92	10.3	125
227	Passivity-based control for uncertain stochastic jumping systems with mode-dependent round-trip time delays. <i>Journal of the Franklin Institute</i> , 2012 , 349, 1665-1680	4	123
226	Exact tracking control of nonlinear systems with time delays and dead-zone input. <i>Automatica</i> , 2015 , 52, 272-276	5.7	116
225	Improved delay-dependent exponential stability criteria for discrete-time recurrent neural networks with time-varying delays. <i>Neurocomputing</i> , 2008 , 72, 321-330	5.4	112
224	Robust stochastic stabilization and . <i>Journal of Mathematical Analysis and Applications</i> , 2006 , 314, 1-16	1.1	109
223	Output-Feedback Control for Stochastic Nonlinear Systems Subject to Input Saturation and Time-Varying Delay. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 359-364	5.9	101
222	New insight into delay-dependent stability of time-delay systems. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 961-970	3.6	98
221	Reachable set estimation for discrete-time linear systems with time delays. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 269-281	3.6	91
220	Reduced-order H_{∞} filtering for stochastic systems. <i>IEEE Transactions on Signal Processing</i> , 2002 , 50, 2998-3007	4.8	91
219	Fuzzy H_{∞} filtering for nonlinear Markovian jump neutral systems. <i>International Journal of Systems Science</i> , 2011 , 42, 767-780	2.3	84
218	Regularized Primal-Dual Subgradient Method for Distributed Constrained Optimization. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 2109-18	10.2	80
217	H_{∞} filtering for singular systems. <i>IEEE Transactions on Automatic Control</i> , 2003 , 48, 2217-2222	3.5	80
216	Robust H_{∞} filtering for a class of discrete-time uncertain nonlinear systems with state delay. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2002 , 49, 1853-1859		80
215	Single/Multiple Integral Inequalities With Applications to Stability Analysis of Time-Delay Systems. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 3488-3493	5.9	78
214	Admissibility and stabilization of stochastic singular Markovian jump systems with time delays. <i>Systems and Control Letters</i> , 2018 , 114, 1-10	2.4	77
213	Distributed consensus tracking for non-linear multi-agent systems with input saturation: a command filtered backstepping approach. <i>IET Control Theory and Applications</i> , 2016 , 10, 509-516	2.5	72

212	Delay-dependent stability criteria for reaction-diffusion neural networks with time-varying delays. <i>IEEE Transactions on Cybernetics</i> , 2013 , 43, 1913-20	10.2	68
211	Consensus of heterogeneous first- and second-order multi-agent systems with directed communication topologies. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 362-375	3.6	66
210	Multiobjective Fault-Tolerant Control for Fuzzy Switched Systems With Persistent Dwell Time and Its Application in Electric Circuits. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 2335-2347	8.3	66
209	The Exponential Stability and Asynchronous Stabilization of a Class of Switched Nonlinear System Via the TB Fuzzy Model. <i>IEEE Transactions on Fuzzy Systems</i> , 2014 , 22, 817-828	8.3	65
208	New insight into reachable set estimation for uncertain singular time-delay systems. <i>Applied Mathematics and Computation</i> , 2018 , 320, 769-780	2.7	64
207	Observer design for uncertain nonlinear systems with unmodeled dynamics. <i>Automatica</i> , 2015 , 51, 80-84	5.7	63
206	Reachable set estimation and controller design for distributed delay systems with bounded disturbances. <i>Journal of the Franklin Institute</i> , 2014 , 351, 3068-3088	4	63
205	Stability Analysis for Neural Networks With Time-Varying Delay via Improved Techniques. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 4495-4500	10.2	63
204	Improved global robust asymptotic stability criteria for delayed cellular neural networks. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2005 , 35, 1317-21		62
203	Composite-Observer-Based Output-Feedback Control for Nonlinear Time-Delay Systems With Input Saturation and Its Application. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 5856-5863	8.9	61
202	Robust stabilization for uncertain switched impulsive control systems with state delay: An LMI approach. <i>Nonlinear Analysis: Hybrid Systems</i> , 2008 , 2, 1287-1300	4.5	61
201	Globally adaptive control for stochastic nonlinear time-delay systems with perturbations and its application. <i>Automatica</i> , 2019 , 102, 105-110	5.7	60
200	A new result on the delay-dependent stability of discrete systems with time-varying delays. <i>International Journal of Robust and Nonlinear Control</i> , 2014 , 24, 2512-2521	3.6	60
199	Positive real control for uncertain two-dimensional systems. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2002 , 49, 1659-1666		59
198	Second-order consensus for directed multi-agent systems with sampled data. <i>International Journal of Robust and Nonlinear Control</i> , 2014 , 24, 2560-2573	3.6	57
197	Non-fragile positive real control for uncertain linear neutral delay systems. <i>Systems and Control Letters</i> , 2004 , 52, 59-74	2.4	57
196	. <i>IEEE Transactions on Fuzzy Systems</i> , 2017 , 25, 1090-1101	8.3	56
195	On positive realness of descriptor systems. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2002 , 49, 401-407		54

194	Robust H_{∞} deconvolution filtering for uncertain singular Markovian jump systems with time-varying delays. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 2564-2585	3.6	53
193	Robust D-stability analysis for uncertain discrete singular systems with state delay. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2002 , 49, 551-555		53
192	Adaptive Finite-Time Stabilization of Stochastic Nonlinear Systems Subject to Full-State Constraints and Input Saturation. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 1306-1313	5.9	53
191	Relaxed results on reachable set estimation of time-delay systems with bounded peak inputs. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 1994-2007	3.6	52
190	Delay-Dependent Robust H_{∞} Control for Uncertain Discrete-Time Fuzzy Systems With Time-Varying Delays. <i>IEEE Transactions on Fuzzy Systems</i> , 2009 , 17, 809-823	8.3	52
189	Two general integral inequalities and their applications to stability analysis for systems with time-varying delay. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 4088-4103	3.6	51
188	Adaptive Neural Dynamic Surface Control for Nonstrict-Feedback Systems With Output Dead Zone. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 5200-5213	10.3	48
187	Passivity analysis and passive control of fuzzy systems with time-varying delays. <i>Fuzzy Sets and Systems</i> , 2011 , 174, 83-98	3.7	48
186	H_{∞} Load Frequency Control of Networked Power Systems via an Event-Triggered Scheme. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 7104-7113	8.9	48
185	Stability analysis of continuous-time systems with time-varying delay using new Lyapunov-Krasovskii functionals. <i>Journal of the Franklin Institute</i> , 2018 , 355, 5957-5967	4	47
184	Relaxed passivity conditions for neural networks with time-varying delays. <i>Neurocomputing</i> , 2014 , 142, 299-306	5.4	46
183	Adaptive tracking control for uncertain switched stochastic nonlinear pure-feedback systems with unknown backlash-like hysteresis. <i>Journal of the Franklin Institute</i> , 2017 , 354, 1801-1818	4	44
182	Fuzzy-Model-Based H_{∞} Control for Markov Jump Nonlinear Slow Sampling Singularly Perturbed Systems With Partial Information. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 1952-1962	8.3	44
181	Robust H_{∞} filtering for singular time-delayed systems with uncertain Markovian switching probabilities. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 376-393	3.6	43
180	Non-fragile delay feedback control for neutral stochastic Markovian jump systems with time-varying delays. <i>Applied Mathematics and Computation</i> , 2019 , 355, 21-32	2.7	42
179	Summation inequality and its application to stability analysis for time-delay systems. <i>IET Control Theory and Applications</i> , 2016 , 10, 391-395	2.5	42
178	New results on H_{∞} control of discrete singularly perturbed systems. <i>Automatica</i> , 2009 , 45, 2339-2343	5.7	42
177	Stability of stochastic Markovian jump neural networks with mode-dependent delays. <i>Neurocomputing</i> , 2011 , 74, 2157-2163	5.4	42

176	Robust output feedback control of uncertain time-delay systems with actuator saturation and disturbances. <i>Journal of the Franklin Institute</i> , 2015 , 352, 2229-2248	4	41
175	Fault Detection for Nonlinear Discrete-Time Switched Systems With Persistent Dwell Time. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 2466-2474	8.3	41
174	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2016 , 63, 2278-2289	3.9	41
173	Stabilization of hybrid neutral stochastic differential delay equations by delay feedback control. <i>Systems and Control Letters</i> , 2016 , 88, 1-13	2.4	40
172	Coverage control for heterogeneous mobile sensor networks on a circle. <i>Automatica</i> , 2016 , 63, 349-358	5.7	40
171	Robust H _∞ Filtering For Uncertain Stochastic Time-Delay Systems. <i>Asian Journal of Control</i> , 2008 , 5, 364-373	3.7	40
170	Robust H _∞ control for uncertain linear neutral delay systems. <i>Optimal Control Applications and Methods</i> , 2002 , 23, 113-123	1.7	40
169	Unified filters design for singular Markovian jump systems with time-varying delays. <i>Journal of the Franklin Institute</i> , 2016 , 353, 3739-3768	4	40
168	Robust Tracking Control of Robot Manipulators With Actuator Faults and Joint Velocity Measurement Uncertainty. <i>IEEE/ASME Transactions on Mechatronics</i> , 2020 , 25, 1354-1365	5.5	39
167	Cooperative containment of discrete-time linear multi-agent systems. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 1007-1018	3.6	39
166	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020 , 67, 3099-3112	3.9	38
165	Reduced-order observer-based output-feedback tracking control of nonlinear systems with state delay and disturbance. <i>International Journal of Robust and Nonlinear Control</i> , 2010 , 20, 1723-1738	3.6	37
164	Tuning functions-based robust adaptive tracking control of a class of nonlinear systems with time delays. <i>International Journal of Robust and Nonlinear Control</i> , 2012 , 22, 1631-1646	3.6	36
163	On robust H _∞ filtering of uncertain Markovian jump time-delay systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2012 , 26, 138-157	2.8	36
162	Stability and stabilisation of neutral stochastic delay Markovian jump systems. <i>IET Control Theory and Applications</i> , 2016 , 10, 1798-1807	2.5	34
161	Passivity-Based Control for Hidden Markov Jump Systems With Singular Perturbations and Partially Unknown Probabilities. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 3701-3706	5.9	34
160	Sampled-data fuzzy control for a class of nonlinear systems with missing data and disturbances. <i>Fuzzy Sets and Systems</i> , 2017 , 306, 63-86	3.7	33
159	Adaptive Output Feedback Control of Nonlinear Time-Delay Systems With Application to Chemical Reactor Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 4792-4799	8.9	33

158	Global Fixed-Time Consensus Tracking of Nonlinear Uncertain Multiagent Systems With High-Order Dynamics. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 1530-1540	10.2	33
157	Novel Summation Inequalities and Their Applications to Stability Analysis for Systems With Time-Varying Delay. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 2470-2475	5.9	32
156	Robust non-fragile H_{∞} fault detection filter design for delayed singular Markovian jump systems with linear fractional parametric uncertainties. <i>Nonlinear Analysis: Hybrid Systems</i> , 2019 , 32, 65-78	4.5	32
155	Reliable exponential filtering for singular Markovian jump systems with time-varying delays and sensor failures. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 4230-4245	3.6	31
154	Neural networks-based adaptive output feedback control for a class of uncertain nonlinear systems with input delay and disturbances. <i>Journal of the Franklin Institute</i> , 2018 , 355, 5503-5519	4	29
153	Stability analysis of systems with time-varying delay: a quadratic-partitioning method. <i>IET Control Theory and Applications</i> , 2019 , 13, 3184-3189	2.5	29
152	Deconvolution filtering for stochastic systems via homogeneous polynomial Lyapunov functions. <i>Signal Processing</i> , 2009 , 89, 605-614	4.4	28
151	Stability Analysis for Delayed Neural Networks With an Improved General Free-Matrix-Based Integral Inequality. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 675-684	10.3	28
150	Stability analysis for a class of random nonlinear impulsive systems. <i>International Journal of Robust and Nonlinear Control</i> , 2017 , 27, 1171-1193	3.6	27
149	Observer-based mixed passive and H_{∞} control for uncertain Markovian jump systems with time delays using quantized measurements. <i>Nonlinear Analysis: Hybrid Systems</i> , 2019 , 31, 233-246	4.5	26
148	An extremum seeking-based approach for Nash equilibrium seeking in N-cluster noncooperative games. <i>Automatica</i> , 2020 , 114, 108815	5.7	24
147	Decentralized global stabilization for stochastic high-order feedforward nonlinear systems with time-varying delays. <i>Journal of the Franklin Institute</i> , 2014 , 351, 4872-4891	4	24
146	New relaxed stability and stabilization conditions for continuous-time TS fuzzy models. <i>Information Sciences</i> , 2016 , 329, 447-460	7.7	23
145	Adaptive finite-time stabilization of a class of quantized nonlinearly parameterized systems. <i>International Journal of Robust and Nonlinear Control</i> , 2017 , 27, 4554-4573	3.6	22
144	A Note on Relationship Between Two Classes of Integral Inequalities. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 4044-4049	5.9	22
143	Further Results on Adaptive Stabilization of High-Order Stochastic Nonlinear Systems Subject to Uncertainties. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 225-234	10.3	21
142	Event-Triggered Adaptive Neural Network Control for Nonstrict-Feedback Nonlinear Time-Delay Systems With Unknown Control Directions. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 4196-4205	10.3	20
141	Consensus Switching of Second-Order Multiagent Systems With Time Delay. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	20

140	Dissipativity filtering for singular Markovian jump systems with distributed delays. <i>Signal Processing</i> , 2017 , 134, 149-157	4.4	19
139	Synchronization control for Markov jump neural networks subject to HMM observation and partially known detection probabilities. <i>Applied Mathematics and Computation</i> , 2019 , 360, 1-13	2.7	19
138	Robust quantized output feedback control for uncertain discrete time-delay systems with saturation nonlinearity. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 3515-3527	3.6	19
137	Global second-order sliding mode control for nonlinear uncertain systems. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 224-237	3.6	19
136	Distributed containment control for nonlinear multiagent systems in pure-feedback form. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 2742-2758	3.6	18
135	Stability analysis of random systems with Markovian switching and its application. <i>Journal of the Franklin Institute</i> , 2016 , 353, 200-220	4	18
134	Stability analysis of discrete-time neural networks with an interval-like time-varying delay. <i>Neurocomputing</i> , 2019 , 329, 248-254	5.4	18
133	Adaptive finite-time flocking for uncertain nonlinear multi-agent systems with connectivity preservation. <i>Neurocomputing</i> , 2018 , 275, 1903-1910	5.4	18
132	Adaptive output feedback tracking of nonlinear systems with uncertain nonsymmetric dead-zone input. <i>ISA Transactions</i> , 2019 , 95, 35-44	5.5	17
131	Event-triggered filter design for Markovian jump delay systems with nonlinear perturbation using quantized measurement. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 4644-4664	3.6	17
130	Robust H _∞ filter design of uncertain T-S fuzzy neutral systems with time-varying delays. <i>International Journal of Systems Science</i> , 2011 , 42, 1231-1238	2.3	17
129	Improvement on stability conditions for continuous-time TS fuzzy systems. <i>Journal of the Franklin Institute</i> , 2016 , 353, 2218-2236	4	17
128	Global state regulation by output feedback for feedforward systems with input and output dependent incremental rate. <i>Journal of the Franklin Institute</i> , 2015 , 352, 2526-2538	4	16
127	Global output feedback practical tracking for time-delay systems with uncertain polynomial growth rate. <i>Journal of the Franklin Institute</i> , 2015 , 352, 5551-5568	4	16
126	Reliable filter design for discrete-time neural networks with Markovian jumping parameters and time-varying delay. <i>Journal of the Franklin Institute</i> , 2020 , 357, 2892-2915	4	16
125	Observer-based tracking control for MIMO pure-feedback nonlinear systems with time-delay and input quantisation. <i>International Journal of Control</i> , 2017 , 90, 2433-2448	1.5	16
124	Reference model-based containment control of multi-agent systems with higher-order dynamics. <i>IET Control Theory and Applications</i> , 2014 , 8, 796-802	2.5	16
123	Realizability Condition for Digital Filters With Time Delay Using Generalized Overflow Arithmetic. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 141-145	3.5	16

122	Dissipative filter design for uncertain Markovian jump systems with mixed delays and unknown transition rates. <i>Signal Processing</i> , 2017 , 141, 176-186	4.4	15
121	Adaptive backstepping control for strict-feedback non-linear systems with input delay and disturbances. <i>IET Control Theory and Applications</i> , 2019 , 13, 506-516	2.5	15
120	Adaptive finite-time control for stochastic nonlinear systems subject to unknown covariance noise. <i>Journal of the Franklin Institute</i> , 2018 , 355, 2645-2661	4	15
119	Extended dissipativity analysis of digital filters with time delay and Markovian jumping parameters. <i>Signal Processing</i> , 2018 , 152, 247-254	4.4	15
118	Resilient Asynchronous H_{∞} Control for Discrete-Time Markov Jump Singularly Perturbed Systems Based on Hidden Markov Model. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-10	7.3	15
117	Two novel general summation inequalities to discrete-time systems with time-varying delay. <i>Journal of the Franklin Institute</i> , 2017 , 354, 5537-5558	4	15
116	Improved criteria for the stabilization of T-S fuzzy systems with actuator failures via a sampled-data fuzzy controller. <i>Fuzzy Sets and Systems</i> , 2020 , 392, 154-169	3.7	15
115	Robust adaptive control of strict-feedback nonlinear systems with unmodelled dynamics and time-varying delays. <i>International Journal of Control</i> , 2017 , 90, 334-347	1.5	14
114	Adaptive control for uncertain nonlinear time-delay systems in a lower-triangular form. <i>Journal of the Franklin Institute</i> , 2018 , 355, 3911-3925	4	14
113	Robust Fixed-Time Consensus Tracking Control of High-Order Multiple Nonholonomic Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-12	7.3	14
112	Finite-time output feedback control for a class of stochastic low-order nonlinear systems. <i>International Journal of Control</i> , 2017 , 90, 1457-1465	1.5	13
111	Global adaptive finite-time control for uncertain nonlinear systems with actuator faults and unknown control directions. <i>Nonlinear Dynamics</i> , 2019 , 97, 2533-2545	5	13
110	Adaptive Finite-Time Control for High-Order Nonlinear Systems With Multiple Uncertainties and its Application. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2020 , 67, 1752-1761	3.9	13
109	Nonfragile Quantized H_{∞} Filtering for Discrete-Time Switched T Σ Fuzzy Systems With Local Nonlinear Models. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 1507-1517	8.3	13
108	Stability analysis of neutral systems with mixed interval time-varying delays and nonlinear disturbances. <i>Journal of the Franklin Institute</i> , 2020 , 357, 3721-3740	4	12
107	Novel stability conditions for discrete-time T Σ fuzzy systems: A Kronecker-product approach. <i>Information Sciences</i> , 2016 , 337-338, 72-81	7.7	12
106	Time-varying state-feedback stabilisation of stochastic feedforward nonlinear systems with unknown growth rate. <i>International Journal of Control</i> , 2017 , 90, 1879-1892	1.5	12
105	Finite-time tracking control of uncertain nonholonomic systems by state and output feedback. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 1942-1959	3.6	12

104	Leader-following rendezvous for uncertain Euler-Lagrange multi-agent systems by output feedback. <i>Journal of the Franklin Institute</i> , 2017 , 354, 4215-4230	4	11
103	Adaptive Tracking Control for Stochastic Nonlinear Systems with Full-State Constraints and Unknown Covariance Noise. <i>Applied Mathematics and Computation</i> , 2020 , 385, 125397	2.7	11
102	Adaptive stabilisation of random systems with arbitrary switchings. <i>IET Control Theory and Applications</i> , 2015 , 9, 2634-2640	2.5	11
101	Robust stability analysis and stabilization for uncertain linear neutral delay systems. <i>International Journal of Systems Science</i> , 2002 , 33, 1195-1206	2.3	11
100	Universal adaptive control of feedforward nonlinear systems with unknown input and state delays. <i>International Journal of Control</i> , 2016 , 89, 2311-2321	1.5	11
99	Practically Finite-Time Control for Nonlinear Systems With Mismatching Conditions and Application to a Robot System. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 480-489	7.3	11
98	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 818-828	3.9	11
97	Event-triggered filtering for discrete-time Markovian jump systems with additive time-varying delays. <i>Applied Mathematics and Computation</i> , 2021 , 391, 125630	2.7	11
96	Mixed and passive filtering for a class of singular systems with interval time-varying delays. <i>Optimal Control Applications and Methods</i> , 2018 , 39, 377-392	1.7	11
95	Adaptive neural network tracking control for uncertain nonlinear systems with input delay and saturation. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 2593-2610	3.6	10
94	Distributed Control Design for Spatially Interconnected Markovian Jump Systems With Time-Varying Delays. <i>Asian Journal of Control</i> , 2018 , 20, 1125-1134	1.7	10
93	Static anti-windup design for a class of Markovian jump systems with partial information on transition rates. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 2418-2435	3.6	10
92	Command-Filter-Based Finite-Time Adaptive Control for Nonlinear Systems With Quantized Input. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 2339-2344	5.9	10
91	Adaptive neural control of switched nonstrict-feedback nonlinear systems with multiple time-varying delays. <i>Journal of the Franklin Institute</i> , 2017 , 354, 8180-8199	4	9
90	Observer-based decentralized control of large-scale stochastic high-order feedforward systems with multi time delays. <i>Journal of the Franklin Institute</i> , 2019 , 356, 9627-9645	4	9
89	Sampled-data controller design and stability analysis for nonlinear systems with input saturation and disturbances. <i>Applied Mathematics and Computation</i> , 2019 , 360, 14-27	2.7	9
88	Adaptive finite-time stabilization of nonlinearly parameterized systems subject to mismatching disturbances. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 3469-3484	3.6	9
87	Robust output-feedback finite-time regulator of systems with mismatched uncertainties bounded by positive functions. <i>IET Control Theory and Applications</i> , 2017 , 11, 3107-3114	2.5	9

86	Distributed event-triggered containment control for dynamical multiagent networks. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 2223-2235	3.6	8
85	Asynchronous nonfragile H _∞ filtering for discrete-time nonlinear switched systems with quantization. <i>Nonlinear Analysis: Hybrid Systems</i> , 2020 , 37, 100911	4.5	8
84	Robust predictive scheme for input delay systems subject to nonlinear disturbances. <i>Nonlinear Dynamics</i> , 2018 , 93, 1035-1045	5	8
83	Observer-based neural control for MIMO pure-feedback non-linear systems with input saturation and disturbances. <i>IET Control Theory and Applications</i> , 2016 , 10, 2314-2324	2.5	8
82	Circle Formation Control of Mobile Agents With Limited Interaction Range. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 2115-2121	5.9	8
81	Improved Stability Criteria for Delayed Neural Networks Using a Quadratic Function Negative-Definiteness Approach. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , PP,	10.3	8
80	A connectivity preserving rendezvous for unicycle agents with heterogenous input disturbances. <i>Journal of the Franklin Institute</i> , 2018 , 355, 4248-4267	4	8
79	Global High-Order Sliding Mode Controller Design Subject to Mismatched Terms: Application to Buck Converter. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2019 , 66, 4840-4849	3.9	7
78	Command-filter-based adaptive tracking control for nonlinear systems with unknown input quantization and mismatching disturbances. <i>Applied Mathematics and Computation</i> , 2020 , 377, 125161	2.7	7
77	Dissipative controller design for uncertain neutral systems with semi-Markovian jumping parameters. <i>Optimal Control Applications and Methods</i> , 2018 , 39, 888-903	1.7	7
76	A neural composite dynamic surface control for pure-feedback systems with unknown control gain signs and full state constraints. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 5720-5743	3.6	7
75	Adaptive control of a class of quantised nonlinearly parameterised systems with unknown control directions. <i>International Journal of Systems Science</i> , 2017 , 48, 941-951	2.3	7
74	Globally Fixed-Time High-Order Sliding Mode Control for New Sliding Mode Systems Subject to Mismatched Terms and Its Application. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 10776-10786	8.9	7
73	Finite-time stabilization for a class of stochastic low-order nonlinear systems with unknown control coefficients. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 2386-2398	3.6	6
72	Robust approximation-based adaptive control of multiple state delayed nonlinear systems with unmodeled dynamics. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 3303-3323	3.6	6
71	Relaxed Stability Conditions for Discrete-Time T _S Fuzzy Systems via Double Homogeneous Polynomial Approach. <i>International Journal of Fuzzy Systems</i> , 2018 , 20, 741-749	3.6	6
70	Decentralised adaptive output feedback stabilisation for stochastic time-delay systems via LaSalle-Yoshizawa-type theorem. <i>International Journal of Control</i> , 2016 , 89, 69-83	1.5	6
69	Variable-Gain Second-Order Sliding Mode Controller With Globally Fixed-Time Stability Guarantees. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 1414-1418	3.5	6

68	Quantized Guaranteed Cost Output Feedback Control for Nonlinear Networked Control Systems and Its Applications. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	6
67	Differentially Private Distributed Nash Equilibrium Seeking for Aggregative Games. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	6
66	Finite-time stabilization of stochastic nonlinear systems with SiISS inverse dynamics. <i>International Journal of Robust and Nonlinear Control</i> , 2017 , 27, 4648-4663	3.6	5
65	Quasi-time-dependent asynchronous filtering for discrete time switched systems via the event triggering mechanism. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 4633-4651	3.6	5
64	Global practical tracking for nonlinear systems with uncertain dead-zone input via output feedback. <i>Journal of the Franklin Institute</i> , 2021 , 358, 2987-3009	4	5
63	Model reference tracking control for spatially interconnected discrete-time systems with interconnected chains. <i>Applied Mathematics and Computation</i> , 2019 , 340, 50-62	2.7	5
62	Distributed Observer-Based Consensus Over Directed Networks With Limited Communication Bandwidth Constraints. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 5361-5368	7.3	5
61	A Novel Connectivity-Preserving Control Design for Rendezvous Problem of Networked Uncertain Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 5127-5137	10.3	4
60	Output feedback robust stabilisation for uncertain non-linear systems with dead-zone input. <i>IET Control Theory and Applications</i> , 2020 , 14, 1828-1836	2.5	4
59	Observer-based tracking control for constrained nonlinear systems with mismatching disturbances and its application. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 8485-8502	3.6	4
58	Adaptive finite-time event-triggered control for nonlinear systems with quantized input signals. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 4764-4781	3.6	4
57	Distributed Mirror Descent for Online Composite Optimization. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 714-729	5.9	4
56	Stochastic Strongly Convex Optimization via Distributed Epoch Stochastic Gradient Algorithm. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 2344-2357	10.3	4
55	Observer-Based NN Control for Nonlinear Systems With Full-State Constraints and External Disturbances. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	4
54	Finite-Time Fuzzy Control for Nonlinear Singularly Perturbed Systems With Input Constraints. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	4
53	Robust H _∞ deconvolution filter for polytopic uncertain systems with distributed delay. <i>Transactions of the Institute of Measurement and Control</i> , 2018 , 40, 3368-3376	1.8	4
52	Consensusability of First-Order Multiagent Systems Under Distributed PID Controller With Time Delay. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	4
51	Stability of discrete-time systems with time-varying delay via a novel Lyapunov-Krasovskii functional. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 4779-4788	3.6	3

50	(\varvec{p})th moment stochastic exponential anti-synchronization of delayed complex-valued neural networks. <i>Nonlinear Dynamics</i> , 2020 , 100, 1257-1274	5	3
49	Distributed flocking for disturbed multiple unicycle systems under directed topologies. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 5033-5049	3.6	3
48	Extended Dissipativity-Based Control for Hidden Markov Jump Singularly Perturbed Systems Subject to General Probabilities. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-10	7.3	3
47	Barrier Lyapunov function-based tracking control for stochastic nonlinear systems with full-state constraints and input saturation. <i>Journal of the Franklin Institute</i> , 2020 , 357, 12414-12432	4	3
46	HMM-based H ∞ filtering for Markov jump systems with partial information and sensor nonlinearities. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 6891-6908	3.6	3
45	New reliable H ∞ filter design for singular Markovian jump time-delay systems with sensor failures. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 4361-4377	3.6	3
44	Asynchronous finite-time state estimation for semi-Markovian jump neural networks with randomly occurred sensor nonlinearities. <i>Neurocomputing</i> , 2021 , 432, 240-249	5.4	3
43	Nonfragile H ∞ control for uncertain Takagi-Sugeno Fuzzy Systems Under Digital Communication Channels and Its Application. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-10	7.3	3
42	Exact delay bounds of second-order multi-agent systems with input and communication delays: from algebra and geometric prospective. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	3
41	Nonfragile H ∞ observer design for uncertain nonlinear switched systems with quantization. <i>Applied Mathematics and Computation</i> , 2020 , 386, 125435	2.7	2
40	Global Social Cost Minimization With Possibly Nonconvex Objective Functions: An Extremum Seeking-Based Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-10	7.3	2
39	Robust Exact Predictive Scheme for Output-Feedback Control of Input-Delay Systems With Unmatched Sinusoidal Disturbances. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-10	7.3	2
38	Rendezvous With Connectivity Preservation Problem of Linear Multiagent Systems via Parallel Event-Triggered Control Strategies. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	2
37	Practical Stabilization of Networked Takagi-Sugeno Fuzzy Systems via Improved Jensen Inequalities. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	2
36	Global Adaptive Control for Uncertain Nonlinear Systems With Sensor and Actuator Faults. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-8	7.3	2
35	Finite-Time Almost Sure Stability of a Markov Jump Fuzzy System With Delayed Inputs. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	2
34	Exponential admissibility of neutral singular systems with mixed interval time-varying delays. <i>Journal of the Franklin Institute</i> , 2021 , 358, 6723-6740	4	2
33	Adaptive output feedback control for large-scale time-delay systems with output-dependent uncertain growth rate. <i>International Journal of Adaptive Control and Signal Processing</i> , 2022 , 36, 965-979	2.8	2

32	Push-Sum Distributed Online Optimization With Bandit Feedback. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	2
31	Distributed Robust Nash Equilibrium Computation with Uncertain Dynamics and Disturbances. <i>IEEE Transactions on Network Science and Engineering</i> , 2022 , 1-1	4.9	1
30	Adaptive neural control of state-constrained MIMO nonlinear systems with unmodeled dynamics. <i>Nonlinear Dynamics</i> ,1	5	1
29	Improvement on reciprocally convex combination lemma and quadratic function negative-definiteness lemma. <i>Journal of the Franklin Institute</i> , 2022 , 359, 1347-1360	4	1
28	Further results on stabilization for neutral singular Markovian jump systems with mixed interval time-varying delays. <i>Applied Mathematics and Computation</i> , 2022 , 420, 126884	2.7	1
27	Sampled-data practical tracking control for nonlinear time-delay systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	1
26	Global stabilisation for a class of stochastic continuous non-linear systems with time-varying delay. <i>IET Control Theory and Applications</i> , 2021 , 15, 297-306	2.5	1
25	Stability and stabilisation of 2D discrete linear systems with multiple delays		1
24	Finite-time adaptive control of high-order nonlinear systems with unknown control coefficients and actuator fault. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 7750-7765	3.6	1
23	Distributed event-based consensus disturbance rejection with parameter uncertainties. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 8159-8173	3.6	1
22	Asynchronous observer-based finite-time control for nonlinear Markovian jump systems with time-varying delays. <i>Nonlinear Dynamics</i> , 2021 , 104, 509-521	5	1
21	Distributed finite-time control for spatially interconnected systems. <i>IET Control Theory and Applications</i> , 2019 , 13, 1786-1795	2.5	1
20	Adaptive cooperative output regulation of nonlinear multiagent systems with arbitrarily large parametric uncertainties and an uncertain leader. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 1680-1693	3.6	1
19	Finite-Time Coverage Control for Multiagent Systems With Unidirectional Motion on a Closed Curve. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 3071-3078	10.2	1
18	. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	1
17	Distributed Quantized Consensus with Recursive Channel Filters over Directed Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	1
16	Fuzzy-Approximation Adaptive Prescribed Performance Output Regulation for Uncertain Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-11	7.3	1
15	Further results on delay-dependent H _∞ filtering for singular systems with interval time-varying delays. <i>Optimal Control Applications and Methods</i> , 2021 , 42, 1001-1015	1.7	1

14	Reachable set estimation and controller design for discrete-time singularly perturbed systems with time-varying delay. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 7207-7218	3.6	1
13	A novel dependent Lyapunov function and its application to singularly perturbed systems. <i>Automatica</i> , 2021 , 133, 109749	5.7	1
12	Global stabilization of stochastic feedforward low-order nonlinear systems with time delays and unknown control directions. <i>International Journal of Robust and Nonlinear Control</i> , 2022 , 32, 1687	3.6	0
11	Cooperative Output Regulation Problem of Nonlinear Multiagent Systems With Proximity Graph via Output Feedback Control. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 4201-4211	10.2	0
10	Global finite-time control for stochastic continuous nonlinear systems with FT-SISS inverse dynamics and unknown control coefficients. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 5618-5634	3.6	0
9	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-9	7.3	0
8	Adaptive Stabilization of Uncertain Nonlinear Systems Under Output Constraint. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-10	7.3	0
7	Stability analysis for delayed neural networks via an improved negative-definiteness lemma. <i>Information Sciences</i> , 2021 , 576, 756-768	7.7	0
6	Adaptive neural finite-time control of nonlinear systems subject to sensor hysteresis. <i>Journal of the Franklin Institute</i> , 2022 , 359, 2932-2932	4	0
5	Practical stability of a nonlinear system with delayed control input. <i>Applied Mathematics and Computation</i> , 2022 , 423, 127008	2.7	0
4	New results on stabilization for neutral type descriptor hybrid systems with time-varying delays. <i>Nonlinear Analysis: Hybrid Systems</i> , 2022 , 45, 101172	4.5	0
3	Adaptive quantitative control for robust H _∞ synchronization between multiplex neural networks under stochastic cyber attacks. <i>Neurocomputing</i> , 2022 , 493, 129-142	5.4	0
2	Rendezvous problem of multiple linear uncertain systems under state-dependent dynamic networks. <i>Journal of the Franklin Institute</i> , 2019 , 356, 8325-8343	4	
1	Practical Stability and Event-Triggered Load Frequency Control of Networked Power Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 1-9	7.3	