sakthivel Rathinasamy

List of Publications by Year
in descending order

451 papers	12,786 citations	25034 57 h-index	62596 80 g-index
456 all docs	456 docs citations	456 times ranked	4989 citing authors

#	ARTICLE	IF	CITATIONS
1	Unscented FastSLAM: A Robust and Efficient Solution to the SLAM Problem. IEEE Transactions on Robotics, 2008, 24, 808-820.	10.3	235
2	Existence of solutions for nonlinear fractional stochastic differential equations. Nonlinear Analysis: Theory, Methods & Applications, 2013, 81, 70-86.	1.1	203
3	Neural network based optimization approach for energy demand prediction in smart grid. Neurocomputing, 2018, 273, 199-208.	5.9	180
4	On the approximate controllability of semilinear fractional differential systems. Computers and Mathematics With Applications, 2011, 62, 1451-1459.	2.7	176
5	Synchronization for delayed memristive BAM neural networks using impulsive control with random nonlinearities. Applied Mathematics and Computation, 2015, 259, 967-979.	2.2	153
6	Approximate controllability of fractional stochastic evolution equations. Computers and Mathematics With Applications, 2012, 63, 660-668.	2.7	139
7	Asymptotic stability of impulsive stochastic partial differential equations with infinite delays. Journal of Mathematical Analysis and Applications, 2009, 356, 1-6.	1.0	127
8	Approximate controllability of nonlinear fractional dynamical systems. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 3498-3508.	3.3	126
9	Non-fragile <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si43.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:math> synchronization of memristor-based neural networks using passivity theory. Neural Networks, 2016, 74, 85-100.	5.0	121
10	Design of state estimator for bidirectional associative memory neural networks with leakage delays. Information Sciences, 2015, 296, 263-274.	6.9	120
11	Finite-time synchronization of stochastic coupled neural networks subject to Markovian switching and input saturation. Neural Networks, 2018, 105, 154-165.	5.9	120
12	Controllability for a class of fractional-order neutral evolution control systems. Applied Mathematics and Computation, 2012, 218, 10334-10340.	2.2	118
13	Multiobjective optimization technique for demand side management with load balancing approach in smart grid. Neurocomputing, 2016, 177, 110-119.	5.9	117
14	Reliable Mixed <inline-formula> <tex-math notation="LaTeX">$H_\infty $ </tex-math></inline-formula> and Passivity-Based Control for Fuzzy Markovian Switching Systems With Probabilistic Time Delays and Actuator Failures. IEEE Transactions on Cybernetics, 2015, 45, 2720-2731.	9.5	115
15	Exponential <inline-formula> <tex-math notation="LaTeX">$\mathcal {H}_{\infty }$ </tex-math></inline-formula> Filtering for Discrete-Time Switched Neural Networks With Random Delays. IEEE Transactions on Cybernetics, 2015, 45, 676-687.	9.5	115
16	Approximate controllability of fractional nonlinear differential inclusions. Applied Mathematics and Computation, 2013, 225, 708-717.	2.2	114
17	Robust mixed <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0002.gif" overflow="scroll"><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow></mml:math>âˆž and passive filtering for networked Markov jump systems with impulses. Signal Processing, 2014, 101, 162-173.	3.7	113
18	Asymptotic stability of nonlinear impulsive stochastic differential equations. Statistics and Probability Letters, 2009, 79, 1219-1223.	0.7	110

#	Article	IF	Citations
19	Mixed H_∞ and passive control for singular Markovian jump systems with time delays. Journal of the Franklin Institute, 2015, 352, 4446-4466.	3.4	98
20	Synchronization of complex dynamical networks with uncertain inner coupling and successive delays based on passivity theory. Neurocomputing, 2016, 186, 127-138.	5.9	98
21	Reliable anti-synchronization conditions for BAM memristive neural networks with different memductance functions. Applied Mathematics and Computation, 2016, 275, 213-228.	2.2	97
22	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.	3.0	94
23	Approximate controllability of fractional stochastic differential inclusions with nonlocal conditions. Applicable Analysis, 2016, 95, 2361-2382.	1.3	93
24	Homotopy perturbation technique for solving two-point boundary value problems – comparison with other methods. Computer Physics Communications, 2010, 181, 1021-1024.	7.5	88
25	Approximate controllability of impulsive differential equations with state-dependent delay. International Journal of Control, 2010, 83, 387-393.	1.9	80
26	Non-fragile synchronization of memristive BAM networks with random feedback gain fluctuations. Communications in Nonlinear Science and Numerical Simulation, 2015, 29, 427-440.	3.3	79
27	Finite-time consensus of Markov jumping multi-agent systems with time-varying actuator faults and input saturation. ISA Transactions, 2018, 83, 89-99.	5.7	79
28	Fault‐tolerant SMC for Takagi–Sugeno fuzzy systems with time‐varying delay and actuator saturation. IET Control Theory and Applications, 2017, 11, 1112-1123.	2.1	76
29	Robust passivity analysis of fuzzy Cohen–Grossberg BAM neural networks with time-varying delays. Applied Mathematics and Computation, 2011, 218, 3799-3809.	2.2	75
30	Fixed-time synchronization analysis for discontinuous fuzzy inertial neural networks with parameter uncertainties. Neurocomputing, 2021, 422, 295-313.	5.9	75
31	Approximate Controllability of Fractional Neutral Stochastic System with Infinite Delay. Reports on Mathematical Physics, 2012, 70, 291-311.	0.8	72
32	New Exact Traveling Wave Solutions of Some Nonlinear Higher-Dimensional Physical Models. Reports on Mathematical Physics, 2012, 70, 39-50.	0.8	72
33	Approximate Controllability of Fractional Differential Equations with State-Dependent Delay. Results in Mathematics, 2013, 63, 949-963.	0.8	72
34	Fault-Tolerant Resilient Control For Fuzzy Fractional Order Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1797-1805.	9.3	70
35	Deep learned recurrent type-3 fuzzy system: Application for renewable energy modeling/prediction. Energy Reports, 2021, 7, 8115-8127.	5.1	70
36	Existence, uniqueness, and stability of mild solutions for second-order neutral stochastic evolution equations with infinite delay and Poisson jumps. Journal of Mathematical Physics, 2012, 53, .	1.1	69

#	ARTICLE	IF	CITATIONS
37	Exponential synchronization for fractional‐order chaotic systems with mixed uncertainties. Complexity, 2015, 21, 114-125.	1.6	69
38	APPROXIMATE CONTROLLABILITY OF SECOND-ORDER STOCHASTIC DIFFERENTIAL EQUATIONS WITH IMPULSIVE EFFECTS. Modern Physics Letters B, 2010, 24, 1559-1572.	1.9	68
39	Controllability of integrodifferential systems in Banach spaces. Applied Mathematics and Computation, 2001, 118, 63-71.	2.2	66
40	Delay-dependent <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0007.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow><mml:mrow><mml:mo>∞</mml:mo></mml:mrow></mml:msub></mml:math> state estimation of neural networks with mixed time-varying delays. Neurocomputing, 2014, 129, 392-400.	5.9	66
41	Controllability of impulsive neutral stochastic functional differential inclusions with infinite delay. Journal of Computational and Applied Mathematics, 2011, 235, 2603-2614.	2.0	65
42	Observer and Stochastic Faulty Actuator-Based Reliable Consensus Protocol for Multiagent System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2383-2393.	9.3	65
43	New robust passivity criteria for stochastic fuzzy BAM neural networks with time-varying delays. Communications in Nonlinear Science and Numerical Simulation, 2012, 17, 1392-1407.	3.3	64
44	Global asymptotic stability of BAM neural networks with mixed delays and impulses. Applied Mathematics and Computation, 2009, 212, 113-119.	2.2	63
45	Exponential stability of second-order stochastic evolution equations with Poisson jumps. Communications in Nonlinear Science and Numerical Simulation, 2012, 17, 4517-4523.	3.3	63
46	Synchronization and state estimation for stochastic complex networks with uncertain inner coupling. Neurocomputing, 2017, 238, 44-55.	5.9	63
47	Finite-time resilient reliable sampled-data control for fuzzy systems with randomly occurring uncertainties. Fuzzy Sets and Systems, 2017, 329, 1-18.	2.7	63
48	On controllability of second order nonlinear impulsive differential systems. Nonlinear Analysis: Theory, Methods & Applications, 2009, 71, 45-52.	1.1	62
49	APPROXIMATE CONTROLLABILITY OF NONLINEAR DETERMINISTIC AND STOCHASTIC SYSTEMS WITH UNBOUNDED DELAY. Taiwanese Journal of Mathematics, 2010, 14, .	0.4	62
50	Robust reliable sampled-data control for offshore steel jacket platforms with nonlinear perturbations. Nonlinear Dynamics, 2014, 78, 1109-1123.	5.2	62
51	Finite-time mixed H_∞ and passive filtering for Takagi–Sugeno fuzzy nonhomogeneous Markovian jump systems. International Journal of Systems Science, 2017, 48, 1416-1427.	5.5	62
52	Finite-time and fixed-time synchronization control of fuzzy Cohen-Grossberg neural networks. Fuzzy Sets and Systems, 2020, 394, 87-109.	2.7	62
53	Robust stochastic stability of discrete-time fuzzy Markovian jump neural networks. ISA Transactions, 2014, 53, 1006-1014.	5.7	61
54	Combined H_∞ and passivity state estimation of memristive neural networks with random gain fluctuations. Neurocomputing, 2015, 168, 1111-1120.	5.9	61

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55	A type-3 logic fuzzy system: Optimized by a correntropy based Kalman filter with adaptive fuzzy kernel size. Information Sciences, 2021, 572, 424-443.	6.9	61
56	Existence and uniqueness of mild solutions for semilinear integro-differential equations of fractional order with nonlocal initial conditions and delays. Semigroup Forum, 2009, 79, 507-514.	0.6	59
57	Existence of pseudo almost automorphic mild solutions to stochastic fractional differential equations. Nonlinear Analysis: Theory, Methods & Applications, 2012, 75, 3339-3347.	1.1	59
58	Stabilization of stochastic differential equations driven by G-Brownian motion with feedback control based on discrete-time state observation. Automatica, 2018, 95, 146-151.	5.0	59
59	Exponential stability result for discrete-time stochastic fuzzy uncertain neural networks. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 901-912.	2.1	58
60	Fault-tolerant sampled-data control of flexible spacecraft with probabilistic time delays. Nonlinear Dynamics, 2015, 79, 1835-1846.	5.2	57
61	Sobolev-type fractional stochastic differential equations with non-Lipschitz coefficients. Journal of Computational and Applied Mathematics, 2017, 312, 65-73.	2.0	57
62	Adaptive reliable output tracking of networked control systems against actuator faults. Journal of the Franklin Institute, 2017, 354, 3813-3837.	3.4	57
63	Non-fragile filtering for singular Markovian jump systems with missing measurements. Signal Processing, 2018, 142, 125-136.	3.7	57
64	Robust stability and control for uncertain neutral time delay systems. International Journal of Control, 2012, 85, 373-383.	1.9	55
65	Stochastic functional differential equations with infinite delay driven by G-Brownian motion. Mathematical Methods in the Applied Sciences, 2013, 36, 1746-1759.	2.3	55
66	Fault estimation for discrete-time switched nonlinear systems with discrete and distributed delays. International Journal of Robust and Nonlinear Control, 2016, 26, 3755-3771.	3.7	55
67	Resilient control design for consensus of nonlinear multi-agent systems with switching topology and randomly varying communication delays. Neurocomputing, 2018, 311, 155-163.	5.9	55
68	Robust fault-tolerant H_∞ control for offshore steel jacket platforms via sampled-data approach. Journal of the Franklin Institute, 2015, 352, 2259-2279.	3.4	54
69	Finite-time leaderless consensus of uncertain multi-agent systems against time-varying actuator faults. Neurocomputing, 2019, 325, 159-171.	5.9	54
70	Dissipative analysis for network-based singular systems with non-fragile controller and event-triggered sampling scheme. Journal of the Franklin Institute, 2017, 354, 4739-4761.	3.4	53
71	Observer-Based Synchronization of Complex Dynamical Networks Under Actuator Saturation and Probabilistic Faults. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1516-1526.	9.3	53
72	Finite-time dissipative based fault-tolerant control of Takagi–Sugeno fuzzy systems in a network environment. Journal of the Franklin Institute, 2017, 354, 3430-3454.	3.4	52

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73	Non-fragile reliable sampled-data controller for nonlinear switched time-varying systems. Nonlinear Analysis: Hybrid Systems, 2018, 27, 62-76.	3.5	52
74	Leader-following exponential consensus of input saturated stochastic multi-agent systems with Markov jump parameters. Neurocomputing, 2018, 287, 84-92.	5.9	51
75	Synchronization of fractional-order complex dynamical network with random coupling delay, actuator faults and saturation. Nonlinear Dynamics, 2018, 94, 3101-3116.	5.2	51
76	Robust fault-tolerant control for power systems against mixed actuator failures. Nonlinear Analysis: Hybrid Systems, 2016, 22, 249-261.	3.5	50
77	The p-th moment stability of solutions to impulsive stochastic differential equations driven by G-Brownian motion. Applicable Analysis, 2017, 96, 988-1003.	1.3	50
78	Advanced sampled-data synchronization control for complex dynamical networks with coupling time-varying delays. Information Sciences, 2017, 420, 454-465.	6.9	50
79	Asymptotic Stability of Stochastic Delayed Recurrent Neural Networks with Impulsive Effects. Journal of Optimization Theory and Applications, 2010, 147, 583-596.	1.5	49
80	Exponential Stability for Delayed Stochastic Bidirectional Associative Memory Neural Networks with Markovian Jumping and Impulses. Journal of Optimization Theory and Applications, 2011, 150, 166-187.	1.5	48
81	Disturbance and uncertainty rejection performance for fractional-order complex dynamical networks. Neural Networks, 2019, 112, 73-84.	5.9	48
82	Controllability of non-linear impulsive stochastic systems. International Journal of Control, 2009, 82, 801-807.	1.9	47
83	Delay fractioning approach to robust exponential stability of fuzzy Cohen–Grossberg neural networks. Applied Mathematics and Computation, 2014, 230, 451-463.	2.2	47
84	Finite-time consensus of input delayed multi-agent systems via non-fragile controller subject to switching topology. Neurocomputing, 2019, 325, 225-233.	5.9	47
85	Asymptotic stability of delayed stochastic genetic regulatory networks with impulses. Physica Scripta, 2010, 82, 055009.	2.5	46
86	EXPONENTIAL STABILITY FOR STOCHASTIC NEURAL NETWORKS OF NEUTRAL TYPE WITH IMPULSIVE EFFECTS. Modern Physics Letters B, 2010, 24, 1099-1110.	1.9	45
87	New results on passivity-based $\mathcal{H}_{\infty}$ control for networked cascade control systems with application to power plant boiler–turbine system. Nonlinear Analysis: Hybrid Systems, 2015, 17, 56-69.	3.5	45
88	Non-fragile fault-tolerant control for nonlinear Markovian jump systems with intermittent actuator fault. Nonlinear Analysis: Hybrid Systems, 2019, 32, 337-350.	3.5	45
89	Equivalent‐input‐disturbance‐based repetitive tracking control for Takagi–Sugeno fuzzy systems with saturating actuator. IET Control Theory and Applications, 2016, 10, 1916-1927.	2.1	44
90	Fuzzy sliding mode control design of Markovian jump systems with time-varying delay. Journal of the Franklin Institute, 2018, 355, 6353-6370.	3.4	44

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91	Output Tracking Control for Fractional-Order Positive Switched Systems With Input Time Delay. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1013-1017.	3.0	44
92	Robust stabilisation of non-linear uncertain Takagi–Sugeno fuzzy systems by H_∞ control. IET Control Theory and Applications, 2012, 6, 2556-2566.	2.1	43
93	Robust reliable dissipative filtering for networked control systems with sensor failure. IET Signal Processing, 2014, 8, 809-822.	1.5	43
94	Finite-time fault-tolerant control of neutral systems against actuator saturation and nonlinear actuator faults. Applied Mathematics and Computation, 2018, 332, 425-436.	2.2	43
95	Energy management in photovoltaic battery hybrid systems: A novel type-2 fuzzy control. International Journal of Hydrogen Energy, 2020, 45, 20970-20982.	7.1	43
96	Fault Estimation for Mode-Dependent IT2 Fuzzy Systems With Quantized Output Signals. IEEE Transactions on Fuzzy Systems, 2021, 29, 298-309.	9.8	43
97	Interval type-2 fuzzy control for nonlinear discrete-time systems with time-varying delays. Neurocomputing, 2015, 157, 22-32.	5.9	42
98	Finite-time boundedness of interval type-2 fuzzy systems with time delay and actuator faults. Journal of the Franklin Institute, 2019, 356, 8296-8324.	3.4	42
99	Modified Repetitive Control Design for Nonlinear Systems With Time Delay Based on T–S Fuzzy Model. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 646-655.	9.3	42
100	EXACT TRAVELING WAVE SOLUTIONS OF A HIGHER-DIMENSIONAL NONLINEAR EVOLUTION EQUATION. Modern Physics Letters B, 2010, 24, 1011-1021.	1.9	41
101	Dynamics of higher-order bright and dark rogue waves in a new (2+1)-dimensional integrable Boussinesq model. Physica Scripta, 2020, 95, 115213.	2.5	41
102	Controllability of neutral functional integrodifferential systems in Banach spaces. Computers and Mathematics With Applications, 2000, 39, 117-126.	2.7	40
103	New stability and stabilization criteria for fuzzy neural networks with various activation functions. Physica Scripta, 2011, 84, 015007.	2.5	40
104	Fault-Distribution Dependent Reliable H_∞ Control for Takagi-Sugeno Fuzzy Systems. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2014, 136, .	1.6	40
105	Reliable stabilization for memristor-based recurrent neural networks with time-varying delays. Neurocomputing, 2015, 153, 140-147.	5.9	40
106	Robust sampled-data H_∞ control for mechanical systems. Complexity, 2015, 20, 19-29.	1.6	40
107	Passivity of memristor-based BAM neural networks with different memductance and uncertain delays. Cognitive Neurodynamics, 2016, 10, 339-351.	4.0	40
108	Finite-time boundedness and dissipativity analysis of networked cascade control systems. Nonlinear Dynamics, 2016, 84, 2149-2160.	5.2	40

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109	Dissipativity-based non-fragile sampled-data control design of interval type-2 fuzzy systems subject to random delays. ISA Transactions, 2018, 83, 154-164.	5.7	40
110	Robust Hâˆž control for uncertain discrete-time stochastic neural networks with time-varying delays. IET Control Theory and Applications, 2012, 6, 1220.	2.1	39
111	Robust state estimation for discrete-time genetic regulatory networks with randomly occurring uncertainties. Nonlinear Dynamics, 2013, 74, 1297-1315.	5.2	39
112	Mixed <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e310" altimg="si263.gif"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow></mml:msub></mml:math> and passivity-based resilient controller for nonhomogeneous Markov jump systems. Nonlinear Analysis: Hybrid Systems, 2019, 31, 86-99.	3.5	39
113	Controllability of Functional Semilinear Integrodifferential Systems in Banach Spaces. Journal of Mathematical Analysis and Applications, 2001, 255, 447-457.	1.0	38
114	Exact Travelling Wave Solutions of the Schamelâ€"Kortewegâ€"de Vries Equation. Reports on Mathematical Physics, 2011, 68, 153-161.	0.8	38
115	Complete Controllability of Stochastic Evolution Equations with Jumps. Reports on Mathematical Physics, 2011, 68, 163-174.	0.8	38
116	Impulsive neutral stochastic functional integro-differential equations with infinite delay driven by fBm. Applied Mathematics and Computation, 2014, 247, 205-212.	2.2	38
117	Sampled-data state estimation for genetic regulatory networks with time-varying delays. Neurocomputing, 2015, 151, 737-744.	5.9	38
118	Controllability of the Second-Order Nonlinear Differential Equations with Non-instantaneous Impulses. Journal of Dynamical and Control Systems, 2018, 24, 325-342.	0.8	38
119	Robust reliable H âˆž control for fuzzy systems with random delays and linear fractional uncertainties. Fuzzy Sets and Systems, 2016, 302, 65-81.	2.7	37
120	Resilient sampled-data control design for singular networked systems with random missing data. Journal of the Franklin Institute, 2018, 355, 1040-1072.	3.4	37
121	Non-fragile control design for interval-valued fuzzy systems against nonlinear actuator faults. Fuzzy Sets and Systems, 2019, 365, 40-59.	2.7	37
122	New Travelling Wave Solutions of Burgers Equation with Finite Transport Memory. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2010, 65, 633-640.	1.5	36
123	New exponential stability criteria for stochastic BAM neural networks with impulses. Physica Scripta, 2010, 82, 045802.	2.5	36
124	Robust state estimation for discrete-time BAM neural networks with time-varying delay. Neurocomputing, 2014, 131, 171-178.	5.9	36
125	Observerâ€based dissipative control for networked control systems: A switched system approach. Complexity, 2015, 21, 297-308.	1.6	36
126	Robust consensus of nonlinear multiâ€agent systems via reliable control with probabilistic time delay. Complexity, 2016, 21, 138-150.	1.6	35

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127	Dissipativity based repetitive control for switched stochastic dynamical systems. Applied Mathematics and Computation, 2016, 291, 340-353.	2.2	35
128	EID estimator-based modified repetitive control for singular systems with time-varying delay. Nonlinear Dynamics, 2017, 89, 1141-1156.	5.2	35
129	Robust stability criteria for discrete-time switched neural networks with various activation functions. Applied Mathematics and Computation, 2012, 218, 10803-10816.	2.2	34
130	Exact travelling wave solutions for some important nonlinear physical models. Pramana - Journal of Physics, 2013, 80, 757-769.	1.8	34
131	Admissibility analysis and control synthesis for descriptor systems with random abrupt changes. Applied Mathematics and Computation, 2013, 219, 9717-9730.	2.2	34
132	Approximate controllability of stochastic differential systems driven by a Lévy process. International Journal of Control, 2013, 86, 1158-1164.	1.9	34
133	Novel results on robust finite-time passivity for discrete-time delayed neural networks. Neurocomputing, 2016, 177, 585-593.	5.9	34
134	Disturbance rejection of fractional-order T-S fuzzy neural networks based on quantized dynamic output feedback controller. Applied Mathematics and Computation, 2019, 361, 846-857.	2.2	34
135	Non‐fragile sampled‐data guaranteed cost control for bio‐economic fuzzy singular Markovian jump systems. IET Control Theory and Applications, 2019, 13, 279-287.	2.1	34
136	Existence Results for Fractional Order Semilinear Integro-Differential Evolution Equations with Infinite Delay. Integral Equations and Operator Theory, 2010, 67, 33-49.	0.8	33
137	H_{∞} filtering for impulsive networked control systems with random packet dropouts and randomly occurring nonlinearities. International Journal of Robust and Nonlinear Control, 2015, 25, 1767-1782.	3.7	33
138	Ion acoustic solitary waves in plasmas with nonextensive distributed electrons, positrons and relativistic thermal ions. Indian Journal of Physics, 2016, 90, 603-611.	1.8	33
139	Controllability and stability of fractional stochastic functional systems driven by Rosenblatt process. Collectanea Mathematica, 2020, 71, 63-82.	0.9	33
140	Approximate controllability of nonlinear impulsive differential systems. Reports on Mathematical Physics, 2007, 60, 85-96.	0.8	32
141	New robust exponential stability results for discrete-time switched fuzzy neural networks with time delays. Computers and Mathematics With Applications, 2012, 64, 2926-2938.	2.7	32
142	Robust passivity based resilient control for networked control systems with random gain fluctuations. International Journal of Robust and Nonlinear Control, 2016, 26, 426-444.	3.7	32
143	Composite synchronization control for delayed coupling complex dynamical networks via a disturbance observer-based method. Nonlinear Dynamics, 2020, 99, 1601-1619.	5.2	32
144	Asymptotic Stability of Fractional Stochastic Neutral Differential Equations with Infinite Delays. Abstract and Applied Analysis, 2013, 2013, 1-9.	0.7	31

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145	Robust reliable sampled-data control for switched systems with application to flight control. International Journal of Systems Science, 2016, 47, 3518-3528.	5.5	31
146	State Estimation and Dissipative-Based Control Design for Vehicle Lateral Dynamics With Probabilistic Faults. IEEE Transactions on Industrial Electronics, 2018, 65, 7193-7201.	7.9	31
147	Observerâ€based tracking control for switched stochastic systems based on a hybrid 2â€D model. International Journal of Robust and Nonlinear Control, 2018, 28, 478-491.	3.7	31
148	Reliable non-fragile memory state feedback controller design for fuzzy Markov jump systems. Nonlinear Analysis: Hybrid Systems, 2020, 35, 100828.	3.5	31
149	Approximate Controllability of Second-Order Systems with State-Dependent Delay. Numerical Functional Analysis and Optimization, 2008, 29, 1347-1362.	1.4	30
150	Travelling wave solutions for time-delayed nonlinear evolution equations. Applied Mathematics Letters, 2010, 23, 527-532.	2.7	30
151	Asymptotic stability of second-order neutral stochastic differential equations. Journal of Mathematical Physics, 2010, 51, .	1.1	30
152	Design of a passification controller for uncertain fuzzy Hopfield neural networks with time-varying delays. Physica Scripta, 2011, 84, 045024.	2.5	30
153	Approximate controllability of fractional functional evolution inclusions with delay in Hilbert spaces. IMA Journal of Mathematical Control and Information, 2014, 31, 363-383.	1.7	30
154	Robust reliable sampledâ€data H_∞ control for uncertain stochastic systems with random delay. Complexity, 2015, 21, 42-58.	1.6	30
155	Performance evaluation of sensor deployment using optimization techniques and scheduling approach for K-coverage in WSNs. Wireless Networks, 2018, 24, 683-693.	3.0	30
156	Computing solitary wave solutions of coupled nonlinear Hirota and Helmholtz equations. Physica A: Statistical Mechanics and Its Applications, 2020, 560, 125114.	2.6	30
157	Robust stabilization and H_∞ control for discrete-time stochastic genetic regulatory networks with time delays. Canadian Journal of Physics, 2012, 90, 939-953.	1.1	29
158	Synchronization of Lur×³e systems via stochastic reliable sampled-data controller. Journal of the Franklin Institute, 2017, 354, 2437-2460.	3.4	29
159	Almost periodic oscillations for delay impulsive stochastic Nicholsonâ€™s blowflies timescale model. Computational and Applied Mathematics, 2018, 37, 3005-3026.	1.3	29
160	Design of observer-based non-fragile load frequency control for power systems with electric vehicles. ISA Transactions, 2019, 91, 21-31.	5.7	29
161	Existence and controllability result for semilinear evolution integrodifferential systems. Mathematical and Computer Modelling, 2005, 41, 1005-1011.	2.0	28
162	Neural Network-Aided Extended Kalman Filter for SLAM Problem. Proceedings - IEEE International Conference on Robotics and Automation, 2007, , .	0.0	28

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163	New Soliton Solutions of Chaffee-Infante Equations Using the Exp-Function Method. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2010, 65, 197-202.	1.5	28
164	Robust Reliable Control for Uncertain Vehicle Suspension Systems With Input Delays. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2015, 137, .	1.6	28
165	Controllability of Sobolev-type semilinear integrodifferential systems in Banach spaces. Applied Mathematics Letters, 1999, 12, 63-71.	2.7	27
166	New robust passivity criteria for discrete-time genetic regulatory networks with Markovian jumping parameters. Canadian Journal of Physics, 2012, 90, 107-118.	1.1	27
167	Exact and trajectory controllability of second‐order evolution systems with impulses and deviated arguments. Mathematical Methods in the Applied Sciences, 2018, 41, 4259-4272.	2.3	27
168	Robust Tracking Control for Fuzzy Markovian Jump Systems With Time-Varying Delay and Disturbances. IEEE Access, 2018, 6, 66861-66869.	4.2	27
169	Stochastic faulty estimator-based non-fragile tracking controller for multi-agent systems with communication delay. Applied Mathematics and Computation, 2021, 392, 125704.	2.2	27
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