Saleh Mobayen

List of Publications by Year
in descending order

210 papers	5,856 citations	50244 46 h-index	106281 65 g-index
211 all docs	211 docs citations	211 times ranked	3074 citing authors

#	Article	IF	Citations
1	Adaptive sliding mode control for finite-time stability of quad-rotor UAVs with parametric uncertainties. ISA Transactions, 2018, 72, 1-14.	3.1	286
2	Design of an adaptive tracker for n-link rigid robotic manipulators based on super-twisting global nonlinear sliding mode control. International Journal of Systems Science, 2017, 48, 1990-2002.	3.7	122
3	Robust finite-time composite nonlinear feedback control for synchronization of uncertain chaotic systems with nonlinearity and time-delay. Chaos, Solitons and Fractals, 2018, 114, 46-54.	2.5	115
4	A general fractional formulation and tracking control for immunogenic tumor dynamics. Mathematical Methods in the Applied Sciences, 2022, 45, 667-680.	1.2	113
5	Secure communication in wireless sensor networks based on chaos synchronization using adaptive sliding mode control. Nonlinear Dynamics, 2017, 89, 1689-1704.	2.7	112
6	Design of an adaptive super-twisting decoupled terminal sliding mode control scheme for a class of fourth-order systems. ISA Transactions, 2018, 75, 216-225.	3.1	107
7	Design of LMI-based sliding mode controller with an exponential policy for a class of underactuated systems. Complexity, 2016, 21, 117-124.	0.9	98
8	An adaptive chattering-free PID sliding mode control based on dynamic sliding manifolds for a class of uncertain nonlinear systems. Nonlinear Dynamics, 2015, 82, 53-60.	2.7	96
9	An adaptive fast terminal sliding mode control combined with global sliding mode scheme for tracking control of uncertain nonlinear third-order systems. Nonlinear Dynamics, 2015, 82, 599-610.	2.7	94
10	Chaos synchronization of uncertain chaotic systems using composite nonlinear feedback based integral sliding mode control. ISA Transactions, 2018, 77, 100-111.	3.1	94
11	Fast terminal sliding mode controller design for nonlinear second-order systems with time-varying uncertainties. Complexity, 2015, 21, 239-244.	0.9	91
12	Adaptive terminal sliding mode control scheme for synchronization of fractional-order uncertain chaotic systems. ISA Transactions, 2020, 105, 33-50.	3.1	88
13	Second-order fast terminal sliding mode control design based on LMI for a class of non-linear uncertain systems and its application to chaotic systems. JVC/Journal of Vibration and Control, 2017, 23, 2912-2925.	1.5	87
14	Nonsingular fast terminal sliding-mode stabilizer for a class of uncertain nonlinear systems based on disturbance observer. Scientia Iranica, 2017, 24, 1410-1418.	0.3	83
15	Adaptive Global Terminal Sliding Mode Control Scheme with Improved Dynamic Surface for Uncertain Nonlinear Systems. International Journal of Control, Automation and Systems, 2018, 16, 1692-1700.	1.6	82
16	Fast Reaching Finite Time synchronization Approach for Chaotic Systems With Application in Medical Image Encryption. IEEE Access, 2021, 9, 25911-25925.	2.6	80
17	Sliding mode disturbance observer control based on adaptive synchronization in a class of fractional-order chaotic systems. International Journal of Adaptive Control and Signal Processing, 2019, 33, 462-474.	2.3	79
18	Finite-time tracking control of chained-form nonholonomic systems with external disturbances based on recursive terminal sliding mode method. Nonlinear Dynamics, 2015, 80, 669-683.	2.7	78

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19	Disturbance observer and finite-time tracker design of disturbed third-order nonholonomic systems using terminal sliding mode. JVC/Journal of Vibration and Control, 2017, 23, 181-189.	1.5	76
20	Desired tracking of delayed quadrotor UAV under model uncertainty and wind disturbance using adaptive super-twisting terminal sliding mode control. ISA Transactions, 2022, 123, 455-471.	3.1	76
21	Fast terminal sliding mode tracking of non–holonomic systems with exponential decay rate. IET Control Theory and Applications, 2015, 9, 1294-1301.	1.2	75
22	An intelligent ABC-based terminal sliding mode controller for load-frequency control of islanded micro-grids. Sustainable Cities and Society, 2021, 64, 102544.	5.1	75
23	Robust finite-time synchronization of a class of chaotic systems via adaptive global sliding mode control. JVC/Journal of Vibration and Control, 2018, 24, 3842-3854.	1.5	74
24	An LMI-based composite nonlinear feedback terminal sliding-mode controller design for disturbed MIMO systems. Mathematics and Computers in Simulation, 2012, 85, 1-10.	2.4	69
25	Adaptive finite–time tracking control of uncertain non–linear n –order systems with unmatched uncertainties. IET Control Theory and Applications, 2016, 10, 1675-1683.	1.2	69
26	A Novel Global Sliding Mode Control Based on Exponential Reaching Law for a Class of Underactuated Systems With External Disturbances. Journal of Computational and Nonlinear Dynamics, 2016, 11, .	0.7	69
27	A novel robust adaptive second-order sliding mode tracking control technique for uncertain dynamical systems with matched and unmatched disturbances. International Journal of Control, Automation and Systems, 2017, 15, 1097-1106.	1.6	69
28	Design of LMI–based global sliding mode controller for uncertain nonlinear systems with application to Genesio's chaotic system. Complexity, 2015, 21, 94-98.	0.9	68
29	Adaptive Terminal Sliding Mode Control for Attitude and Position Tracking Control of Quadrotor UAVs in the Existence of External Disturbance. IEEE Access, 2021, 9, 3428-3440.	2.6	68
30	Finite-time tracking control of n th-order chained-form non-holonomic systems in the presence of disturbances. ISA Transactions, 2016, 63, 78-83.	3.1	67
31	Stability analysis and controller design for the performance improvement of disturbed nonlinear systems using adaptive global sliding mode control approach. Nonlinear Dynamics, 2016, 83, 1557-1565.	2.7	63
32	Robust tracking controller for multivariable delayed systems with input saturation via composite nonlinear feedback. Nonlinear Dynamics, 2014, 76, 827-838.	2.7	61
33	Linear matrix inequalities design approach for robust stabilization of uncertain nonlinear systems with perturbation based on optimally-tuned global sliding mode control. JVC/Journal of Vibration and Control, 2017, 23, 1285-1295.	1.5	60
34	Composite nonlinear feedback control technique for master/slave synchronization of nonlinear systems. Nonlinear Dynamics, 2017, 87, 1731-1747.	2.7	60
35	Synchronization of A Class of Uncertain Chaotic Systems with Lipschitz Nonlinearities Using State–Feedback Control Design: A Matrix Inequality Approach. Asian Journal of Control, 2018, 20, 71-85.	1.9	60
36	Robust tracking control method based on composite nonlinear feedback technique for linear systems with time-varying uncertain parameters and disturbances. Nonlinear Dynamics, 2012, 70, 171-180.	2.7	59

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37	Finite-time chaos synchronization and its application in wireless sensor networks. Transactions of the Institute of Measurement and Control, 2018, 40, 3788-3799.	1.1	57
38	Robust Frequency Regulation in Mobile Microgrids: HIL Implementation. IEEE Systems Journal, 2019, 13, 4281-4291.	2.9	57
39	Super-Twisting Sliding Mode Control for Gearless PMSG-Based Wind Turbine. Complexity, 2019, 2019, 1-15.	0.9	56
40	Design of CNF-based nonlinear integral sliding surface for matched uncertain linear systems with multiple state-delays. Nonlinear Dynamics, 2014, 77, 1047-1054.	2.7	55
41	Design of an adaptive chattering avoidance global sliding mode tracker for uncertain non-linear time-varying systems. Transactions of the Institute of Measurement and Control, 2017, 39, 1547-1558.	1.1	55
42	A finite-time tracker for nonholonomic systems using recursive singularity-free FTSM. , 2011, , .		54
43	Finite–time stabilization of a class of chaotic systems with matched and unmatched uncertainties: An LMI approach. Complexity, 2016, 21, 14-19.	0.9	54
44	An LMI-based robust controller design using global nonlinear sliding surfaces and application to chaotic systems. Nonlinear Dynamics, 2015, 79, 1075-1084.	2.7	52
45	Adaptive Finite-Time Backstepping Global Sliding Mode Tracker of Quad-Rotor UAVs Under Model Uncertainty, Wind Perturbation, and Input Saturation. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 140-151.	2.6	51
46	Controller Design for Rotary Inverted Pendulum System Using Evolutionary Algorithms. Mathematical Problems in Engineering, 2011, 2011, 1-17.	0.6	48
47	An ISM-based CNF tracking controller design for uncertain MIMO linear systems with multiple time-delays and external disturbances. Nonlinear Dynamics, 2015, 80, 591-613.	2.7	48
48	An LMI-based robust tracker for uncertain linear systems with multiple time-varying delays using optimal composite nonlinear feedback technique. Nonlinear Dynamics, 2015, 80, 917-927.	2.7	48
49	Finite-time robust-tracking and model-following controller for uncertain dynamical systems. JVC/Journal of Vibration and Control, 2016, 22, 1117-1127.	1.5	46
50	An LMI approach to adaptive robust tracker design for uncertain nonlinear systems with time-delays and input nonlinearities. Nonlinear Dynamics, 2016, 85, 1965-1978.	2.7	46
51	Chattering-free Fault-tolerant Attitude Control with Fast Fixed-time Convergence for Flexible Spacecraft. International Journal of Control, Automation and Systems, 2021, 19, 767-776.	1.6	45
52	Finite Time Chaos Synchronization in Time-Delay Channel and Its Application to Satellite Image Encryption in OFDM Communication Systems. IEEE Access, 2021, 9, 21332-21344.	2.6	44
53	Event-triggered fractional-order sliding mode control technique for stabilization of disturbed quadrotor unmanned aerial vehicles. Aerospace Science and Technology, 2022, 121, 107337.	2.5	44
54	Fast Terminal Sliding Control of Underactuated Robotic Systems Based on Disturbance Observer with Experimental Validation. Mathematics, 2021, 9, 1935.	1.1	43

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55	A Novel Chaotic System With Boomerang-Shaped Equilibrium, Its Circuit Implementation and Application to Sound Encryption. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2019, 43, 1-12.	1.5	41
56	Fixed-time control for high-precision attitude stabilization of flexible spacecraft. European Journal of Control, 2021, 57, 222-231.	1.6	40
57	Design of a robust tracker and disturbance attenuator for uncertain systems with time delays. Complexity, 2015, 21, 340-348.	0.9	39
58	Fast terminal sliding mode tracking control of nonlinear uncertain mass–spring system with experimental verifications. International Journal of Advanced Robotic Systems, 2019, 16, 172988141982817.	1.3	35
59	Global Sliding Mode Control Via Linear Matrix Inequality Approach for Uncertain Chaotic Systems With Input Nonlinearities and Multiple Delays. Journal of Computational and Nonlinear Dynamics, 2018, 13, .	0.7	35
60	Composite nonlinear feedback integral sliding mode tracker design for uncertain switched systems with input saturation. Communications in Nonlinear Science and Numerical Simulation, 2018, 65, 173-184.	1.7	34
61	Adaptive Continuous Barrier Function Terminal Sliding Mode Control Technique for Disturbed Robotic Manipulator. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 4403-4412.	3.5	34
62	Design of a secure communication system between base transmitter station and mobile equipment based on finite-time chaos synchronisation. International Journal of Systems Science, 2020, 51, 1969-1986.	3.7	33
63	Analysis, synchronisation and circuit design of a new highly nonlinear chaotic system. International Journal of Systems Science, 2018, 49, 617-630.	3.7	32
64	A Disturbance-Observer-Based Sliding Mode Control for the Robust Synchronization of Uncertain Delayed Chaotic Systems: Application to Data Security. IEEE Access, 2021, 9, 16546-16555.	2.6	32
65	Design of a Non-Singular Adaptive Integral-Type Finite Time Tracking Control for Nonlinear Systems With External Disturbances. IEEE Access, 2021, 9, 102091-102103.	2.6	32
66	Robust global second-order sliding mode control with adaptive parameter-tuning law for perturbed dynamical systems. Transactions of the Institute of Measurement and Control, 2018, 40, 2855-2867.	1.1	31
67	A composite feedback approach to stabilize nonholonomic systems with time varying time delays and nonlinear disturbances. ISA Transactions, 2020, 101, 177-188.	3.1	31
68	Chameleon Chaotic Systems With Quadratic Nonlinearities: An Adaptive Finite-Time Sliding Mode Control Approach and Circuit Simulation. IEEE Access, 2021, 9, 64558-64573.	2.6	30
69	Second-order sliding set design for a class of uncertain nonlinear systems with disturbances: An LMI approach. Mathematics and Computers in Simulation, 2019, 156, 110-125.	2.4	28
70	Sliding Mode Controller-Based BFCL for Fault Ride-Through Performance Enhancement of DFIG-Based Wind Turbines. Complexity, 2020, 2020, 1-12.	0.9	27
71	Adaptive Global Sliding Mode Controller Design for Perturbed DC-DC Buck Converters. Energies, 2021, 14, 1249.	1.6	27
72	A New General Type-2 Fuzzy Predictive Scheme for PID Tuning. Applied Sciences (Switzerland), 2021, 11, 10392.	1.3	27

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73	Nonsingular Integral-Type Dynamic Finite-Time Synchronization for Hyper-Chaotic Systems. Mathematics, 2022, 10, 115.	1.1	27
74	A Chaotic System with Infinite Number of Equilibria Located on an Exponential Curve and Its Chaos-Based Engineering Application. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1850112.	0.7	26
75	Non-Singular Fast Terminal Sliding Mode Control With Disturbance Observer for Underactuated Robotic Manipulators. IEEE Access, 2020, 8, 198067-198077.	2.6	25
76	Nonsingular terminal sliding mode control for micro-electro-mechanical gyroscope based on disturbance observer: Linear matrix inequality approach. JVC/Journal of Vibration and Control, 2022, 28, 1126-1134.	1.5	24
77	PSO-Based Controller Design for Rotary Inverted Pendulum System. Journal of Applied Sciences, 2008, 8, 2907-2912.	0.1	24
78	Robust Passivity Cascade Technique-Based Control Using RBFN Approximators for the Stabilization of a Cart Inverted Pendulum. Mathematics, 2021, 9, 1229.	1.1	23
79	Barrier function-based adaptive nonsingular sliding mode control of disturbed nonlinear systems: A linear matrix inequality approach. Chaos, Solitons and Fractals, 2022, 157, 111918.	2.5	23
80	A hybrid approach for fault location in power distributed networks: Impedance-based and machine learning technique. Electric Power Systems Research, 2022, 210, 108073.	2.1	23
81	Optimal LMIâ€based state feedback stabilizer for uncertain nonlinear systems with timeâ€varying uncertainties and disturbances. Complexity, 2016, 21, 356-362.	0.9	22
82	Non-Singleton Type-3 Fuzzy Approach for Flowmeter Fault Detection: Experimental Study in a Gas Industry. Sensors, 2021, 21, 7419.	2.1	22
83	Robust tracking composite nonlinear feedback controller design for time-delay uncertain systems in the presence of input saturation. ISA Transactions, 2022, 129, 88-99.	3.1	22
84	LMI-based robust control of floating tension-leg platforms with uncertainties and time-delays in offshore wind turbines via T-S fuzzy approach. Ocean Engineering, 2018, 154, 367-374.	1.9	21
85	Barrier Function-Based Nonsingular Finite-Time Tracker for Quadrotor UAVs Subject to Uncertainties and Input Constraints. Mathematics, 2022, 10, 1659.	1.1	21
86	Design of novel adaptive sliding mode controller for perturbed Chameleon hidden chaotic flow. Nonlinear Dynamics, 2018, 92, 1539-1553.	2.7	20
87	Fast robust adaptive tracker for uncertain nonlinear secondâ€order systems with timeâ€varying uncertainties and unknown parameters. International Journal of Adaptive Control and Signal Processing, 2018, 32, 1764-1781.	2.3	20
88	Adaptive Integral-Type Terminal Sliding Mode Control for Unmanned Aerial Vehicle Under Model Uncertainties and External Disturbances. IEEE Access, 2021, 9, 53255-53265.	2.6	20
89	LMI-Observer-Based Stabilizer for Chaotic Systems in the Existence of a Nonlinear Function and Perturbation. Mathematics, 2021, 9, 1128.	1.1	20
90	Stability of Interval Type-3 Fuzzy Controllers for Autonomous Vehicles. Mathematics, 2021, 9, 2742.	1.1	20

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91	Optimized Fuzzy Controller Based on Cuckoo Optimization Algorithm for Maximum Power-Point Tracking of Photovoltaic Systems. IEEE Access, 2022, 10, 71699-71716.	2.6	20
92	Adaptive global sliding mode control of underactuated systems using a super-twisting scheme: an experimental study. JVC/Journal of Vibration and Control, 2019, 25, 2215-2224.	1.5	19
93	Complex dynamical behaviors of a novel exponential hyper–chaotic system and its application in fast synchronization and color image encryption. Science Progress, 2021, 104, 003685042110033.	1.0	19
94	A new predictive energy management system: Deep learned type-2 fuzzy system based on singular value decommission. Energy Reports, 2022, 8, 722-734.	2.5	19
95	Barrier Function Adaptive Nonsingular Terminal Sliding Mode Control Approach for Quad-Rotor Unmanned Aerial Vehicles. Sensors, 2022, 22, 909.	2.1	19
96	New class of chaotic systems with equilibrium points like a three-leaved clover. Nonlinear Dynamics, 2018, 91, 939-956.	2.7	18
97	A Robust LMI Approach on Nonlinear Feedback Stabilization of Continuous State-Delay Systems with Lipschitzian Nonlinearities: Experimental Validation. Iranian Journal of Science and Technology - Transactions of Mechanical Engineering, 2019, 43, 549-558.	0.8	18
98	Robust Control Design to the Furuta System under Time Delay Measurement Feedback and Exogenous-Based Perturbation. Mathematics, 2020, 8, 2131.	1.1	18
99	Robust global controller design for discrete–time descriptor systems with multiple time–varying delays. International Journal of Robust and Nonlinear Control, 2020, 30, 2809-2831.	2.1	18
100	Medical Image Interpolation Using Recurrent Type-2 Fuzzy Neural Network. Frontiers in Neuroinformatics, 2021, 15, 667375.	1.3	18
101	Adaptive Finite-Time Stabilization of Chaotic Flow with a Single Unstable Node Using a Nonlinear Function-Based Global Sliding Mode. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2019, 43, 339-347.	1.5	17
102	Anti-sway control of offshore crane on surface vessel using global sliding mode control. International Journal of Control, 2022, 95, 2267-2278.	1.2	17
103	Input-Output Feedback Linearization Cascade Controller Using Genetic Algorithm for Rotary Inverted Pendulum System. American Journal of Applied Sciences, 2008, 5, 1322-1328.	0.1	16
104	Optimized Fuzzy Enhanced Robust Control Design for a Stewart Parallel Robot. Mathematics, 2022, 10, 1917.	1.1	16
105	Composite nonlinear feedback design for discrete-time switching systems with disturbances and input saturation. International Journal of Systems Science, 2018, 49, 2362-2372.	3.7	15
106	Adaptive nonsingular proportional–integral–derivative-type terminal sliding mode tracker based on rapid reaching law for nonlinear systems. JVC/Journal of Vibration and Control, 2021, 27, 2669-2685.	1.5	15
107	A New Data-Driven Control System for MEMSs Gyroscopes: Dynamics Estimation by Type-3 Fuzzy Systems. Micromachines, 2021, 12, 1390.	1.4	15
108	Finite-Time Tracking Controller Design of Perturbed Robotic Manipulator Based on Adaptive Second-Order Sliding Mode Control Method. IEEE Access, 2021, 9, 71159-71169.	2.6	14

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109	Adaptive Robust Fault-Tolerant Control Design for Wind Turbines Subject to Pitch Actuator Faults. Energies, 2021, 14, 1791.	1.6	14
110	Linear quadratic optimal control system design using particle swarm optimization algorithm. International Journal of Physical Sciences, 2011, 6, .	0.1	13
111	Small-Signal Modeling of PMSG-Based Wind Turbine for Low Voltage Ride-Through and Artificial Intelligent Studies. Energies, 2020, 13, 6685.	1.6	13
112	A New Active Fault Tolerant Control System: Predictive Online Fault Estimation. IEEE Access, 2021, 9, 118461-118471.	2.6	13
113	Adaptive Nonsingular Integral-type Second Order Terminal Sliding Mode Tracking Controller for Uncertain Nonlinear Systems. International Journal of Control, Automation and Systems, 2021, 19, 1539-1549.	1.6	13
114	Robust H_∞ integral controller design for regulation problem of uncertain nonlinear systems with non-zero set-point. Communications in Nonlinear Science and Numerical Simulation, 2022, 107, 106158.	1.7	13
115	Adaptive synchronization of fractional-order quadratic chaotic flows with nonhyperbolic equilibrium. JVC/Journal of Vibration and Control, 0, , 107754631774002.	1.5	12
116	Improvement of Self-Predictive Incremental Conductance Algorithm with the Ability to Detect Dynamic Conditions. Energies, 2021, 14, 1234.	1.6	12
117	Design and Implementation of a Controller for Magnetic Levitation System Using Genetic Algorithms. Journal of Applied Sciences, 2008, 8, 4644-4649.	0.1	12
118	Finite-time convergence of perturbed nonlinear systems using adaptive barrier-function nonsingular sliding mode control with experimental validation. JVC/Journal of Vibration and Control, 2023, 29, 3326-3339.	1.5	12
119	Robust Performance Improvement of Lateral Motion in Four-Wheel Independent-Drive Electric Vehicles. IEEE Access, 2020, 8, 203146-203157.	2.6	11
120	A Simple Chaotic Flow with Hyperbolic Sinusoidal Function and Its Application to Voice Encryption. Symmetry, 2020, 12, 2047.	1.1	11
121	Adaptive Nonsingular Terminal Sliding Mode Control for Performance Improvement of Perturbed Nonlinear Systems. Mathematics, 2022, 10, 1064.	1.1	11
122	Nonsingular Terminal Sliding Mode Control Based on Adaptive Barrier Function for nth-Order Perturbed Nonlinear Systems. Mathematics, 2022, 10, 43.	1.1	11
123	Rotary inverted pendulum with magnetically external perturbations as a source of the pendulum's base navigation commands. Journal of the Franklin Institute, 2018, 355, 4077-4096.	1.9	10
124	Full and Reduced-Order Unknown Input Observer Design for Linear Time-Delay Systems with Multiple Delays. Mathematical Problems in Engineering, 2018, 2018, 1-13.	0.6	10
125	A Dynamic Multi-Cell FCL to Improve the Fault Ride through Capability of DFIG-Based Wind Farms. Energies, 2020, 13, 6071.	1.6	10
126	A new configuration of composite nonlinear feedback control for nonlinear systems with input saturation. JVC/Journal of Vibration and Control, 2023, 29, 1417-1430.	1.5	10

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127	A New Event-Triggered Type-3 Fuzzy Control System for Multi-Agent Systems: Optimal Economic Efficient Approach for Actuator Activating. Electronics (Switzerland), 2021, 10, 3122.	1.8	9
128	A Type-2 Fuzzy Controller for Floating Tension-Leg Platforms in Wind Turbines. Energies, 2022, 15, 1705.	1.6	9
129	Policy Instruments for the Improvement of Customers' Willingness to Purchase Electric Vehicles: A Case Study in Iran. Energies, 2022, 15, 4269.	1.6	9
130	U-Model and U-Control Methodology for Nonlinear Dynamic Systems. Complexity, 2020, 2020, 1-13.	0.9	8
131	Consensus tracking of multi-agent systems using constrained neural-optimiser-based sliding mode control. International Journal of Systems Science, 2020, 51, 2653-2674.	3.7	8
132	Generalized Type-2 Fuzzy Control for Type-I Diabetes: Analytical Robust System. Mathematics, 2022, 10, 690.	1.1	8
133	Design of an LMI-Based Fuzzy Fast Terminal Sliding Mode Control Approach for Uncertain MIMO Systems. Mathematics, 2022, 10, 1236.	1.1	8
134	Design of Linear Matrix Inequality-Based Adaptive Barrier Global Sliding Mode Fault Tolerant Control for Uncertain Systems with Faulty Actuators. Mathematics, 2022, 10, 2159.	1.1	8
135	Observer-Based Predictive Control of Nonlinear Clutchless Automated Manual Transmission for Pure Electric Vehicles: An LPV Approach. IEEE Access, 2021, 9, 20469-20480.	2.6	7
136	Multiuser wireless speech encryption using synchronized chaotic systems. International Journal of Speech Technology, 2021, 24, 651-663.	1.4	7
137	Observer-Based Robust Control Method for Switched Neutral Systems in the Presence of Interval Time-Varying Delays. Mathematics, 2021, 9, 2473.	1.1	7
138	Automatic Control for Time Delay Markov Jump Systems under Polytopic Uncertainties. Mathematics, 2022, 10, 187.	1.1	7
139	A New Immersion and Invariance Control and Stable Deep Learning Fuzzy Approach for Power/Voltage Control Problem. IEEE Access, 2022, 10, 68-81.	2.6	7
140	A Type-3 Fuzzy Approach for Stabilization and Synchronization of Chaotic Systems: Applicable for Financial and Physical Chaotic Systems. Complexity, 2022, 2022, 1-17.	0.9	7
141	Design of MIMO controller for a manipulator using Tabu Search algorithm. , 2007, , .		6
142	A homogeneous extended state estimator-based super-twisting sliding mode compensator for matched and unmatched uncertainties. Measurement and Control, 2021, 54, 494-505.	0.9	6
143	A Simple Structure Constrained Attitude Control for Rigid Bodies: A PD-Type Control. IEEE Access, 2022, 10, 10202-10209.	2.6	6
144	Damping of Subsynchronous Resonance in Utility DFIG-Based Wind Farms Using Wide-Area Fuzzy Control Approach. Energies, 2022, 15, 1787.	1.6	6

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145	Adaptive finite-time command-filtered backstepping sliding mode control for stabilization of a disturbed rotary-inverted-pendulum with experimental validation. JVC/Journal of Vibration and Control, 2023, 29, 1431-1446.	1.5	6
146	Adaptive Neural Network Linear Parameter-Varying Control of Shipboard Direct Current Microgrids. IEEE Access, 2022, 10, 75825-75834.	2.6	6
147	Transient performance improvement using composite nonlinear feedback and integral sliding surface for matched and unmatched uncertain MIMO linear systems. , 2013, , .		5
148	Finite-Time Disturbance Observer-Based Tracking Control Design for Nonholonomic Systems. , 2019, , 139-153.		5
149	An LMI Approach to Nonlinear State-Feedback Stability of Uncertain Time-Delay Systems in the Presence of Lipschitzian Nonlinearities. Symmetry, 2020, 12, 1883.	1.1	5
150	Disturbance Decoupling and Tracking Controller Design for Lateral Vehicle Dynamics. IEEE Access, 2021, 9, 40706-40715.	2.6	5
151	Finite-Time Control of Myringotomy Surgical Device Based on Nonsingular Terminal Sliding Disturbance Observer. IEEE Access, 2021, 9, 72412-72419.	2.6	5
152	Semi-Active Magnetic Levitation System for Education. Applied Sciences (Switzerland), 2021, 11, 5330.	1.3	5
153	Adaptive Optimal Multi-Surface Back-Stepping Sliding Mode Control Design for the Takagi-Sugeno Fuzzy Model of Uncertain Nonlinear System With External Disturbance. IEEE Access, 2022, 10, 14680-14690.	2.6	5
154	A Neural Controller for Induction Motors: Fractional-Order Stability Analysis and Online Learning Algorithm. Mathematics, 2022, 10, 1003.	1.1	5
155	Non-Singular Finite Time Tracking Control Approach Based on Disturbance Observers for Perturbed Quadrotor Unmanned Aerial Vehicles. Sensors, 2022, 22, 2785.	2.1	5
156	An Observer-Based Composite Nonlinear Feedback Controller for Robust Tracking of Uncertain Nonlinear Singular Systems With Input Saturation. IEEE Access, 2022, 10, 59078-59089.	2.6	5
157	A new robust model predictive control strategy for rotational inverted pendulum system. , 2011, , .		4
158	Selection of nonlinear function in integral sliding mode-based composite nonlinear feedback method for transient improvement of uncertain linear systems. , 2011, , .		4
159	An LMI-based finite-time tracker design using nonlinear sliding surfaces. , 2012, , .		4
160	LMI-based Global Sliding Mode Control Scheme for Time-delayed Chaotic Systems with Input Nonlinearity. , 2019, , .		4
161	Adaptive Integral-Type Terminal Sliding Mode Tracker Based on Active Disturbance Rejection for Uncertain Nonlinear Robotic Systems With Input Saturation. IEEE Access, 2021, 9, 129528-129538.	2.6	4
162	Protection of Sensitive Loads in Distribution Systems Using a BSFCL-DVR System. Sensors, 2021, 21, 1615.	2.1	4

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163	Controllable-Dual Bridge Fault Current Limiter for Interconnection Micro-Grids. Energies, 2021, 14, 1026.	1.6	4
164	Optimal Control of a MIMO Bioreactor System Using Direct Approach. International Journal of Control, Automation and Systems, 2021, 19, 1159-1174.	1.6	4
165	Design of a global discrete‐time sliding mode control scheme for a class of nonlinear systems with state delays and uncertainties. Asian Journal of Control, 2022, 24, 2761-2770.	1.9	4
166	Fuzzy Estimator Indirect Terminal Sliding Mode Control of Nonlinear Systems Based on Adaptive Continuous Barrier Function. IEEE Access, 2022, 10, 34296-34305.	2.6	4
167	A Low-Complexity PD-Like Attitude Control for Spacecraft With Full-State Constraints. IEEE Access, 2022, 10, 30707-30715.	2.6	4
168	Optimal design of a <scp>PEMFC</scp> â€•based combined cooling, heating and power system based on an improved version of Aquila optimizer. Concurrency Computation Practice and Experience, 0, , .	1.4	4
169	A New Short Term Electrical Load Forecasting by Type-2 Fuzzy Neural Networks. Energies, 2022, 15, 3034.	1.6	4
170	GA based input-output feedback linearization controller for rotary inverted pendulum system. , 2008, , .		3
171	Design of a Global Sliding Mode Controller Using Hyperbolic Functions for Nonlinear Systems and Application in Chaotic Systems. , 2019, , .		3
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