

Saleh Mobayen

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187
papers

3,850
citations

41
h-index

55
g-index

211
ext. papers

4,864
ext. citations

2.9
avg, IF

7.11
L-index

#	Paper	IF	Citations
187	Adaptive sliding mode control for finite-time stability of quad-rotor UAVs with parametric uncertainties. <i>ISA Transactions</i> , 2018 , 72, 1-14	5.5	176
186	Robust finite-time composite nonlinear feedback control for synchronization of uncertain chaotic systems with nonlinearity and time-delay. <i>Chaos, Solitons and Fractals</i> , 2018 , 114, 46-54	9.3	96
185	Design of an adaptive tracker for n-link rigid robotic manipulators based on super-twisting global nonlinear sliding mode control. <i>International Journal of Systems Science</i> , 2017 , 48, 1990-2002	2.3	89
184	Secure communication in wireless sensor networks based on chaos synchronization using adaptive sliding mode control. <i>Nonlinear Dynamics</i> , 2017 , 89, 1689-1704	5	86
183	Design of LMI-based sliding mode controller with an exponential policy for a class of underactuated systems. <i>Complexity</i> , 2016 , 21, 117-124	1.6	86
182	Design of an adaptive super-twisting decoupled terminal sliding mode control scheme for a class of fourth-order systems. <i>ISA Transactions</i> , 2018 , 75, 216-225	5.5	84
181	An adaptive chattering-free PID sliding mode control based on dynamic sliding manifolds for a class of uncertain nonlinear systems. <i>Nonlinear Dynamics</i> , 2015 , 82, 53-60	5	83
180	An adaptive fast terminal sliding mode control combined with global sliding mode scheme for tracking control of uncertain nonlinear third-order systems. <i>Nonlinear Dynamics</i> , 2015 , 82, 599-610	5	77
179	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. <i>JVC/Journal of Vibration and Control</i> , 2017 , 23, 2912-2925	2	74
178	Chaos synchronization of uncertain chaotic systems using composite nonlinear feedback based integral sliding mode control. <i>ISA Transactions</i> , 2018 , 77, 100-111	5.5	73
177	Nonsingular fast terminal sliding-mode stabilizer for a class of uncertain nonlinear systems based on disturbance observer. <i>Scientia Iranica</i> , 2017 , 24, 1410-1418	1.5	72
176	Fast terminal sliding mode controller design for nonlinear second-order systems with time-varying uncertainties. <i>Complexity</i> , 2015 , 21, 239-244	1.6	70
175	Finite-time tracking control of chained-form nonholonomic systems with external disturbances based on recursive terminal sliding mode method. <i>Nonlinear Dynamics</i> , 2015 , 80, 669-683	5	68
174	Fast terminal sliding mode tracking of non-holonomic systems with exponential decay rate. <i>IET Control Theory and Applications</i> , 2015 , 9, 1294-1301	2.5	65
173	Disturbance observer and finite-time tracker design of disturbed third-order nonholonomic systems using terminal sliding mode. <i>JVC/Journal of Vibration and Control</i> , 2017 , 23, 181-189	2	64
172	Adaptive Global Terminal Sliding Mode Control Scheme with Improved Dynamic Surface for Uncertain Nonlinear Systems. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 1692-1700	2.9	63
171	Robust finite-time synchronization of a class of chaotic systems via adaptive global sliding mode control. <i>JVC/Journal of Vibration and Control</i> , 2018 , 24, 3842-3854	2	62

170	A Novel Global Sliding Mode Control Based on Exponential Reaching Law for a Class of Underactuated Systems With External Disturbances. <i>Journal of Computational and Nonlinear Dynamics</i> , 2016 , 11,	1.4	60
169	Design of LMI-based global sliding mode controller for uncertain nonlinear systems with application to Genesio's chaotic system. <i>Complexity</i> , 2015 , 21, 94-98	1.6	58
168	An LMI-based composite nonlinear feedback terminal sliding-mode controller design for disturbed MIMO systems. <i>Mathematics and Computers in Simulation</i> , 2012 , 85, 1-10	3.3	58
167	Finite-time tracking control of nth-order chained-form non-holonomic systems in the presence of disturbances. <i>ISA Transactions</i> , 2016 , 63, 78-83	5.5	58
166	A novel robust adaptive second-order sliding mode tracking control technique for uncertain dynamical systems with matched and unmatched disturbances. <i>International Journal of Control, Automation and Systems</i> , 2017 , 15, 1097-1106	2.9	57
165	Composite nonlinear feedback control technique for master/slave synchronization of nonlinear systems. <i>Nonlinear Dynamics</i> , 2017 , 87, 1731-1747	5	56
164	Robust tracking controller for multivariable delayed systems with input saturation via composite nonlinear feedback. <i>Nonlinear Dynamics</i> , 2014 , 76, 827-838	5	55
163	Stability analysis and controller design for the performance improvement of disturbed nonlinear systems using adaptive global sliding mode control approach. <i>Nonlinear Dynamics</i> , 2016 , 83, 1557-1565	5	54
162	Synchronization of A Class of Uncertain Chaotic Systems with Lipschitz Nonlinearities Using State-Feedback Control Design: A Matrix Inequality Approach. <i>Asian Journal of Control</i> , 2018 , 20, 71-85	1.7	52
161	Adaptive finite-time tracking control of uncertain non-linear n -order systems with unmatched uncertainties. <i>IET Control Theory and Applications</i> , 2016 , 10, 1675-1683	2.5	51
160	Design of CNF-based nonlinear integral sliding surface for matched uncertain linear systems with multiple state-delays. <i>Nonlinear Dynamics</i> , 2014 , 77, 1047-1054	5	50
159	Robust tracking control method based on composite nonlinear feedback technique for linear systems with time-varying uncertain parameters and disturbances. <i>Nonlinear Dynamics</i> , 2012 , 70, 171-180	5	50
158	Linear matrix inequalities design approach for robust stabilization of uncertain nonlinear systems with perturbation based on optimally-tuned global sliding mode control. <i>JVC/Journal of Vibration and Control</i> , 2017 , 23, 1285-1295	2	49
157	An LMI-based robust controller design using global nonlinear sliding surfaces and application to chaotic systems. <i>Nonlinear Dynamics</i> , 2015 , 79, 1075-1084	5	48
156	Finite-time chaos synchronization and its application in wireless sensor networks. <i>Transactions of the Institute of Measurement and Control</i> , 2018 , 40, 3788-3799	1.8	48
155	A finite-time tracker for nonholonomic systems using recursive singularity-free FTSM 2011 ,		47
154	An ISM-based CNF tracking controller design for uncertain MIMO linear systems with multiple time-delays and external disturbances. <i>Nonlinear Dynamics</i> , 2015 , 80, 591-613	5	46
153	Finite-time stabilization of a class of chaotic systems with matched and unmatched uncertainties: An LMI approach. <i>Complexity</i> , 2016 , 21, 14-19	1.6	45

152	Super-Twisting Sliding Mode Control for Gearless PMSG-Based Wind Turbine. <i>Complexity</i> , 2019 , 2019, 1-15	1.6	44
151	Design of an adaptive chattering avoidance global sliding mode tracker for uncertain non-linear time-varying systems. <i>Transactions of the Institute of Measurement and Control</i> , 2017 , 39, 1547-1558	1.8	43
150	A general fractional formulation and tracking control for immunogenic tumor dynamics. <i>Mathematical Methods in the Applied Sciences</i> ,	2.3	43
149	An LMI approach to adaptive robust tracker design for uncertain nonlinear systems with time-delays and input nonlinearities. <i>Nonlinear Dynamics</i> , 2016 , 85, 1965-1978	5	43
148	. <i>Nonlinear Dynamics</i> , 2015 , 80, 917-927	5	42
147	Adaptive terminal sliding mode control scheme for synchronization of fractional-order uncertain chaotic systems. <i>ISA Transactions</i> , 2020 , 105, 33-50	5.5	41
146	Controller Design for Rotary Inverted Pendulum System Using Evolutionary Algorithms. <i>Mathematical Problems in Engineering</i> , 2011 , 2011, 1-17	1.1	41
145	Finite-time robust-tracking and model-following controller for uncertain dynamical systems. <i>JVC/Journal of Vibration and Control</i> , 2016 , 22, 1117-1127	2	38
144	Robust Frequency Regulation in Mobile Microgrids: HIL Implementation. <i>IEEE Systems Journal</i> , 2019 , 13, 4281-4291	4.3	37
143	Fast Reaching Finite Time synchronization Approach for Chaotic Systems With Application in Medical Image Encryption. <i>IEEE Access</i> , 2021 , 9, 25911-25925	3.5	34
142	Design of a robust tracker and disturbance attenuator for uncertain systems with time delays. <i>Complexity</i> , 2015 , 21, 340-348	1.6	33
141	A Novel Chaotic System With Boomerang-Shaped Equilibrium, Its Circuit Implementation and Application to Sound Encryption. <i>Iranian Journal of Science and Technology - Transactions of Electrical Engineering</i> , 2019 , 43, 1-12	1.9	33
140	Fast terminal sliding mode tracking control of nonlinear uncertain mass-spring system with experimental verifications. <i>International Journal of Advanced Robotic Systems</i> , 2019 , 16, 172988141982817	1.4	29
139	Composite nonlinear feedback integral sliding mode tracker design for uncertain switched systems with input saturation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2018 , 65, 173-184	3.7	29
138	Global Sliding Mode Control Via Linear Matrix Inequality Approach for Uncertain Chaotic Systems With Input Nonlinearities and Multiple Delays. <i>Journal of Computational and Nonlinear Dynamics</i> , 2018 , 13,	1.4	28
137	Analysis, synchronisation and circuit design of a new highly nonlinear chaotic system. <i>International Journal of Systems Science</i> , 2018 , 49, 617-630	2.3	26
136	Second-order sliding set design for a class of uncertain nonlinear systems with disturbances: An LMI approach. <i>Mathematics and Computers in Simulation</i> , 2019 , 156, 110-125	3.3	26
135	Adaptive Terminal Sliding Mode Control for Attitude and Position Tracking Control of Quadrotor UAVs in the Existence of External Disturbance. <i>IEEE Access</i> , 2021 , 9, 3428-3440	3.5	26

134	A composite feedback approach to stabilize nonholonomic systems with time varying time delays and nonlinear disturbances. <i>ISA Transactions</i> , 2020 , 101, 177-188	5.5	25
133	Design of a secure communication system between base transmitter station and mobile equipment based on finite-time chaos synchronisation. <i>International Journal of Systems Science</i> , 2020 , 51, 1969-1986	2.3	23
132	Robust global second-order sliding mode control with adaptive parameter-tuning law for perturbed dynamical systems. <i>Transactions of the Institute of Measurement and Control</i> , 2018 , 40, 2855-2867	1.8	23
131	PSO-Based Controller Design for Rotary Inverted Pendulum System. <i>Journal of Applied Sciences</i> , 2008 , 8, 2907-2912	0.3	22
130	An intelligent ABC-based terminal sliding mode controller for load-frequency control of islanded micro-grids. <i>Sustainable Cities and Society</i> , 2021 , 64, 102544	10.1	22
129	Chattering-free Fault-tolerant Attitude Control with Fast Fixed-time Convergence for Flexible Spacecraft. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 767-776	2.9	22
128	Sliding Mode Controller-Based BFCL for Fault Ride-Through Performance Enhancement of DFIG-Based Wind Turbines. <i>Complexity</i> , 2020 , 2020, 1-12	1.6	20
127	Desired tracking of delayed quadrotor UAV under model uncertainty and wind disturbance using adaptive super-twisting terminal sliding mode control. <i>ISA Transactions</i> , 2021 ,	5.5	20
126	Optimal LMI-based state feedback stabilizer for uncertain nonlinear systems with time-Varying uncertainties and disturbances. <i>Complexity</i> , 2016 , 21, 356-362	1.6	20
125	Sliding mode disturbance observer control based on adaptive synchronization in a class of fractional-order chaotic systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2018 , 33, 462	2.8	20
124	A Chaotic System with Infinite Number of Equilibria Located on an Exponential Curve and Its Chaos-Based Engineering Application. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2018 , 28, 1850112	2	19
123	Fast Terminal Sliding Control of Underactuated Robotic Systems Based on Disturbance Observer with Experimental Validation. <i>Mathematics</i> , 2021 , 9, 1935	2.3	19
122	LMI-based robust control of floating tension-leg platforms with uncertainties and time-delays in offshore wind turbines via T-S fuzzy approach. <i>Ocean Engineering</i> , 2018 , 154, 367-374	3.9	18
121	Finite Time Chaos Synchronization in Time-Delay Channel and Its Application to Satellite Image Encryption in OFDM Communication Systems. <i>IEEE Access</i> , 2021 , 9, 21332-21344	3.5	18
120	A Disturbance-Observer-Based Sliding Mode Control for the Robust Synchronization of Uncertain Delayed Chaotic Systems: Application to Data Security. <i>IEEE Access</i> , 2021 , 9, 16546-16555	3.5	18
119	Robust Passivity Cascade Technique-Based Control Using RBFN Approximators for the Stabilization of a Cart Inverted Pendulum. <i>Mathematics</i> , 2021 , 9, 1229	2.3	17
118	New class of chaotic systems with equilibrium points like a three-leaved clover. <i>Nonlinear Dynamics</i> , 2018 , 91, 939-956	5	17
117	A Robust LMI Approach on Nonlinear Feedback Stabilization of Continuous State-Delay Systems with Lipschitzian Nonlinearities: Experimental Validation. <i>Iranian Journal of Science and Technology - Transactions of Mechanical Engineering</i> , 2019 , 43, 549-558	1.2	16

116	Adaptive global sliding mode control of underactuated systems using a super-twisting scheme: an experimental study. <i>JVC/Journal of Vibration and Control</i> , 2019 , 25, 2215-2224	2	15
115	Adaptive Finite-Time Stabilization of Chaotic Flow with a Single Unstable Node Using a Nonlinear Function-Based Global Sliding Mode. <i>Iranian Journal of Science and Technology - Transactions of Electrical Engineering</i> , 2019 , 43, 339-347	1.9	15
114	Design of novel adaptive sliding mode controller for perturbed Chameleon hidden chaotic flow. <i>Nonlinear Dynamics</i> , 2018 , 92, 1539-1553	5	14
113	Robust Control Design to the Furuta System under Time Delay Measurement Feedback and Exogenous-Based Perturbation. <i>Mathematics</i> , 2020 , 8, 2131	2.3	14
112	Fixed-time control for high-precision attitude stabilization of flexible spacecraft. <i>European Journal of Control</i> , 2021 , 57, 222-231	2.5	14
111	Adaptive Continuous Barrier Function Terminal Sliding Mode Control Technique for Disturbed Robotic Manipulator. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 4403-4412	3.9	14
110	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2021 , 1-1	3.7	14
109	. <i>IEEE Access</i> , 2021 , 9, 102091-102103	3.5	14
108	Chameleon Chaotic Systems With Quadratic Nonlinearities: An Adaptive Finite-Time Sliding Mode Control Approach and Circuit Simulation. <i>IEEE Access</i> , 2021 , 9, 64558-64573	3.5	13
107	Robust global controller design for discrete-time descriptor systems with multiple time-varying delays. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 2809-2831	3.6	12
106	Non-Singular Fast Terminal Sliding Mode Control With Disturbance Observer for Underactuated Robotic Manipulators. <i>IEEE Access</i> , 2020 , 8, 198067-198077	3.5	12
105	Adaptive Integral-Type Terminal Sliding Mode Control for Unmanned Aerial Vehicle Under Model Uncertainties and External Disturbances. <i>IEEE Access</i> , 2021 , 9, 53255-53265	3.5	12
104	A New General Type-2 Fuzzy Predictive Scheme for PID Tuning. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 10392	2.6	11
103	Input-Output Feedback Linearization Cascade Controller Using Genetic Algorithm for Rotary Inverted Pendulum System. <i>American Journal of Applied Sciences</i> , 2008 , 5, 1322-1328	0.8	11
102	Adaptive nonsingular proportionalIntegralDerivative-type terminal sliding mode tracker based on rapid reaching law for nonlinear systems. <i>JVC/Journal of Vibration and Control</i> , 2020 , 107754632096428 ²		11
101	LMI-Observer-Based Stabilizer for Chaotic Systems in the Existence of a Nonlinear Function and Perturbation. <i>Mathematics</i> , 2021 , 9, 1128	2.3	11
100	Fast robust adaptive tracker for uncertain nonlinear second-order systems with time-varying uncertainties and unknown parameters. <i>International Journal of Adaptive Control and Signal Processing</i> , 2018 , 32, 1764-1781	2.8	11
99	Composite nonlinear feedback design for discrete-time switching systems with disturbances and input saturation. <i>International Journal of Systems Science</i> , 2018 , 49, 2362-2372	2.3	10

98	Adaptive synchronization of fractional-order quadratic chaotic flows with nonhyperbolic equilibrium. <i>JVC/Journal of Vibration and Control</i> , 2017 , 107754631774002	2	10
97	Linear quadratic optimal control system design using particle swarm optimization algorithm. <i>International Journal of Physical Sciences</i> , 2011 , 6,	0.3	10
96	Adaptive Global Sliding Mode Controller Design for Perturbed DC-DC Buck Converters. <i>Energies</i> , 2021 , 14, 1249	3.1	10
95	Nonsingular Integral-Type Dynamic Finite-Time Synchronization for Hyper-Chaotic Systems. <i>Mathematics</i> , 2022 , 10, 115	2.3	10
94	Design and Implementation of a Controller for Magnetic Levitation System Using Genetic Algorithms. <i>Journal of Applied Sciences</i> , 2008 , 8, 4644-4649	0.3	9
93	Nonsingular terminal sliding mode control for micro-electro-mechanical gyroscope based on disturbance observer: Linear matrix inequality approach. <i>JVC/Journal of Vibration and Control</i> , 107754632098819	2.0	9
92	Complex dynamical behaviors of a novel exponential hyper-chaotic system and its application in fast synchronization and color image encryption. <i>Science Progress</i> , 2021 , 104, 368504211003388	1.1	9
91	Rotary inverted pendulum with magnetically external perturbations as a source of the pendulum's base navigation commands. <i>Journal of the Franklin Institute</i> , 2018 , 355, 4077-4096	4	8
90	Full and Reduced-Order Unknown Input Observer Design for Linear Time-Delay Systems with Multiple Delays. <i>Mathematical Problems in Engineering</i> , 2018 , 2018, 1-13	1.1	8
89	Medical Image Interpolation Using Recurrent Type-2 Fuzzy Neural Network. <i>Frontiers in Neuroinformatics</i> , 2021 , 15, 667375	3.9	8
88	Small-Signal Modeling of PMSG-Based Wind Turbine for Low Voltage Ride-Through and Artificial Intelligent Studies. <i>Energies</i> , 2020 , 13, 6685	3.1	7
87	Event-triggered fractional-order sliding mode control technique for stabilization of disturbed quadrotor unmanned aerial vehicles. <i>Aerospace Science and Technology</i> , 2022 , 121, 107337	4.9	7
86	Adaptive Nonsingular Integral-type Second Order Terminal Sliding Mode Tracking Controller for Uncertain Nonlinear Systems. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 1539-1549	2.9	7
85	A Simple Chaotic Flow with Hyperbolic Sinusoidal Function and Its Application to Voice Encryption. <i>Symmetry</i> , 2020 , 12, 2047	2.7	6
84	Nonsingular Terminal Sliding Mode Control Based on Adaptive Barrier Function for nth-Order Perturbed Nonlinear Systems. <i>Mathematics</i> , 2022 , 10, 43	2.3	6
83	Transient performance improvement using composite nonlinear feedback and integral sliding surface for matched and unmatched uncertain MIMO linear systems 2013 ,		5
82	Barrier Function Adaptive Nonsingular Terminal Sliding Mode Control Approach for Quad-Rotor Unmanned Aerial Vehicles.. <i>Sensors</i> , 2022 , 22,	3.8	5
81	U-Model and U-Control Methodology for Nonlinear Dynamic Systems. <i>Complexity</i> , 2020 , 2020, 1-13	1.6	5

80	. <i>IEEE Access</i> , 2020 , 8, 203146-203157	3.5	5
79	Adaptive Robust Fault-Tolerant Control Design for Wind Turbines Subject to Pitch Actuator Faults. <i>Energies</i> , 2021 , 14, 1791	3.1	5
78	Finite-Time Tracking Controller Design of Perturbed Robotic Manipulator Based on Adaptive Second-Order Sliding Mode Control Method. <i>IEEE Access</i> , 2021 , 9, 71159-71169	3.5	5
77	Improvement of Self-Predictive Incremental Conductance Algorithm with the Ability to Detect Dynamic Conditions. <i>Energies</i> , 2021 , 14, 1234	3.1	5
76	Non-Singleton Type-3 Fuzzy Approach for Flowmeter Fault Detection: Experimental Study in a Gas Industry. <i>Sensors</i> , 2021 , 21,	3.8	4
75	A new predictive energy management system: Deep learned type-2 fuzzy system based on singular value decomposition. <i>Energy Reports</i> , 2022 , 8, 722-734	4.6	4
74	Observer-Based Robust Control Method for Switched Neutral Systems in the Presence of Interval Time-Varying Delays. <i>Mathematics</i> , 2021 , 9, 2473	2.3	4
73	A Dynamic Multi-Cell FCL to Improve the Fault Ride through Capability of DFIG-Based Wind Farms. <i>Energies</i> , 2020 , 13, 6071	3.1	4
72	Consensus tracking of multi-agent systems using constrained neural-optimiser-based sliding mode control. <i>International Journal of Systems Science</i> , 2020 , 51, 2653-2674	2.3	4
71	A homogeneous extended state estimator-based super-twisting sliding mode compensator for matched and unmatched uncertainties. <i>Measurement and Control</i> , 2021 , 54, 494-505	1.5	4
70	A Type-2 Fuzzy Controller for Floating Tension-Leg Platforms in Wind Turbines. <i>Energies</i> , 2022 , 15, 1705	3.1	4
69	An observer-based Composite Nonlinear Feedback controller for robust tracking of uncertain nonlinear singular systems with input saturation. <i>IEEE Access</i> , 2022 , 1-1	3.5	4
68	Finite-Time Disturbance Observer-Based Tracking Control Design for Nonholonomic Systems 2019 , 139-153		3
67	An LMI-based finite-time tracker design using nonlinear sliding surfaces 2012 ,		3
66	A new robust model predictive control strategy for rotational inverted pendulum system 2011 ,		3
65	Selection of nonlinear function in integral sliding mode-based composite nonlinear feedback method for transient improvement of uncertain linear systems 2011 ,		3
64	Automatic Control for Time Delay Markov Jump Systems under Polytopic Uncertainties. <i>Mathematics</i> , 2022 , 10, 187	2.3	3
63	A new LMI-based robust finite-time sliding mode control strategy for a class of uncertain nonlinear systems. <i>Kybernetika</i> , 1035-1048		3

62	Protection of Sensitive Loads in Distribution Systems Using a BSFCL-DVR System. <i>Sensors</i> , 2021 , 21,	3.8	3
61	Robust dynamic output feedback control of blood glucose level in diabetic rat with robust descriptor Kalman filter. <i>Biomedical Signal Processing and Control</i> , 2022 , 71, 103088	4.9	3
60	Optimal Control of a MIMO Bioreactor System Using Direct Approach. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 1159-1174	2.9	3
59	A hybrid approach for fault location in power distributed networks: Impedance-based and machine learning technique. <i>Electric Power Systems Research</i> , 2022 , 210, 108073	3.5	3
58	Design of a Global Sliding Mode Controller Using Hyperbolic Functions for Nonlinear Systems and Application in Chaotic Systems 2019 ,		2
57	Robust H _∞ observer-based control of uncertain T-S fuzzy systems with control constraints 2012 ,		2
56	GA based input-output feedback linearization controller for rotary inverted pendulum system 2008 ,		2
55	Design of MIMO controller for a manipulator using Tabu Search algorithm 2007 ,		2
54	A New Immersion and Invariance Control and Stable Deep Learning Fuzzy Approach for Power/Voltage Control Problem. <i>IEEE Access</i> , 2022 , 10, 68-81	3.5	2
53	A New Data-Driven Control System for MEMSs Gyroscopes: Dynamics Estimation by Type-3 Fuzzy Systems. <i>Micromachines</i> , 2021 , 12,	3.3	2
52	Dependable Sensor Fault Reconstruction in Air-Path System of Heavy-Duty Diesel Engines. <i>Sensors</i> , 2021 , 21,	3.8	2
51	Stability of Interval Type-3 Fuzzy Controllers for Autonomous Vehicles. <i>Mathematics</i> , 2021 , 9, 2742	2.3	2
50	Inexact induced L2 observer-based control of polytopic LPV systems: application to clutchless automated manual transmission of pure electric vehicles. <i>IET Control Theory and Applications</i> , 2020 , 14, 3652-3662	2.5	2
49	A Linear Fractional Transformation Based Approach to Robust Model Predictive Control Design in Uncertain Systems. <i>IEEE Access</i> , 2020 , 8, 220215-220226	3.5	2
48	Multiuser wireless speech encryption using synchronized chaotic systems. <i>International Journal of Speech Technology</i> , 2021 , 24, 651-663	1.3	2
47	Semi-Active Magnetic Levitation System for Education. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 5330	2.6	2
46	. <i>IEEE Access</i> , 2021 , 9, 20469-20480	3.5	2
45	. <i>IEEE Access</i> , 2021 , 9, 129528-129538	3.5	2

44	Finite-Time Control of Myringotomy Surgical Device Based on Nonsingular Terminal Sliding Disturbance Observer. <i>IEEE Access</i> , 2021 , 9, 72412-72419	3.5	2
43	A Low-Complexity PD-Like Attitude Control for Spacecraft With Full-State Constraints. <i>IEEE Access</i> , 2022 , 10, 30707-30715	3.5	2
42	Generalized Type-2 Fuzzy Control for Type-I Diabetes: Analytical Robust System. <i>Mathematics</i> , 2022 , 10, 690	2.3	2
41	A new configuration of composite nonlinear feedback control for nonlinear systems with input saturation. <i>JVC/Journal of Vibration and Control</i> , 107754632110640	2	2
40	Adaptive Nonsingular Terminal Sliding Mode Control for Performance Improvement of Perturbed Nonlinear Systems. <i>Mathematics</i> , 2022 , 10, 1064	2.3	2
39	Barrier function-based adaptive nonsingular sliding mode control of disturbed nonlinear systems: A linear matrix inequality approach. <i>Chaos, Solitons and Fractals</i> , 2022 , 157, 111918	9.3	2
38	Barrier Function-Based Nonsingular Finite-Time Tracker for Quadrotor UAVs Subject to Uncertainties and Input Constraints. <i>Mathematics</i> , 2022 , 10, 1659	2.3	2
37	Finite-time convergence of perturbed nonlinear systems using adaptive barrier-function nonsingular sliding mode control with experimental validation. <i>JVC/Journal of Vibration and Control</i> , 107754632210948		
36	Design of Observer-Based Tracking Controller for Robotic Manipulators 2019 , 185-198		1
35	Design of a novel genetic algorithm stabilizer for swing-up stabilization of rotational inverted pendulum system 2017 ,		1
34	A multiple Lyapunov function approach for robust H _∞ observer-based tracking control of uncertain T-S fuzzy systems 2011 ,		1
33	A Simple Structure Constrained Attitude Control for Rigid Bodies: A PD-Type Control. <i>IEEE Access</i> , 2022 , 10, 10202-10209	3.5	1
32	Adaptive Optimal Multi-Surface Back-Stepping Sliding Mode Control Design for the Takagi-Sugeno Fuzzy Model of Uncertain Nonlinear System With External Disturbance. <i>IEEE Access</i> , 2022 , 10, 14680-14690	3.5	1
31	Robust H _∞ integral controller design for regulation problem of uncertain nonlinear systems with non-zero set-point. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2022 , 107, 106158	3.7	1
30	An LMI Approach to Nonlinear State-Feedback Stability of Uncertain Time-Delay Systems in the Presence of Lipschitzian Nonlinearities. <i>Symmetry</i> , 2020 , 12, 1883	2.7	1
29	Anti-sway control of offshore crane on surface vessel using global sliding mode control. <i>International Journal of Control</i> , 1-12	1.5	1
28	In-plane stress analysis of multiple parallel cracks in an orthotropic FGM medium under time-harmonic loading. <i>Theoretical and Applied Fracture Mechanics</i> , 2021 , 113, 102936	3.7	1
27	Disturbance Decoupling and Tracking Controller Design for Lateral Vehicle Dynamics. <i>IEEE Access</i> , 2021 , 9, 40706-40715	3.5	1

26	A Robust H _∞ Fault Tolerant Controller for Uncertain Systems Described by Linear Fractional Transformation Model. <i>IEEE Access</i> , 2021 , 9, 104749-104760	3.5	1
25	Controllable-Dual Bridge Fault Current Limiter for Interconnection Micro-Grids. <i>Energies</i> , 2021 , 14, 10263-10270	3.1	1
24	Multivariable Model Reference Adaptive Control of an Industrial Power Boiler Using Recurrent RBFN. <i>Complexity</i> , 2021 , 2021, 1-12	1.6	1
23	Fuzzy Estimator Indirect Terminal Sliding Mode Control of Nonlinear Systems Based on Adaptive Continuous Barrier Function. <i>IEEE Access</i> , 2022 , 10, 34296-34305	3.5	1
22	Adaptive finite-time command-filtered backstepping sliding mode control for stabilization of a disturbed rotary-inverted-pendulum with experimental validation. <i>JVC/Journal of Vibration and Control</i> , 107754632110640	2	1
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20	A Lyapunov-Based Optimal Integral Finite-Time Tracking Control Approach for Asymmetric Nonholonomic Robotic Systems. <i>Symmetry</i> , 2021 , 13, 2367	2.7	1
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18	Disturbance Observer-Based Tracking Controller for Uncertain Marine Surface Vessel. <i>Actuators</i> , 2022 , 11, 128	2.4	1
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13	A New Active Fault Tolerant Control System: Predictive Online Fault Estimation. <i>IEEE Access</i> , 2021 , 9, 118461-118471	3.5	0
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10	Damping of Subsynchronous Resonance in Utility DFIG-Based Wind Farms Using Wide-Area Fuzzy Control Approach. <i>Energies</i> , 2022 , 15, 1787	3.1	0
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7	A New Event-Triggered Type-3 Fuzzy Control System for Multi-Agent Systems: Optimal Economic Efficient Approach for Actuator Activating. <i>Electronics (Switzerland)</i> , 2021 , 10, 3122	2.6	0
6	Nonsingular chattering-free barrier function finite time tracker for perturbed nth-order nonlinear systems and its application to chaotic color image scrambling. <i>IEEE Access</i> , 2022 , 1-1	3.5	0
5	A Type-2 Fuzzy Logic Approach for Forecasting of Effluent Quality Parameters of Wastewater Treatment. <i>Mathematical Problems in Engineering</i> , 2022 , 2022, 1-10	1.1	0
4	Corrigendum to Bull and Reduced-Order Unknown Input Observer Design for Linear Time-Delay Systems with Multiple Delays <i>Mathematical Problems in Engineering</i> , 2019 , 2019, 1-1	1.1	
3	A Wide-Area Fuzzy Control Design with Latency Compensation to Mitigate Sub-Synchronous Resonance in DFIG-Based Wind Farms. <i>Energies</i> , 2022 , 15, 1402	3.1	
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