

Zhihong Man

List of Publications by Year in descending order

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209
papers

9,982
citations

94433

37
h-index

37204

96
g-index

213
all docs

213
docs citations

213
times ranked

4991
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Continuous finite-time control for robotic manipulators with terminal sliding mode. <i>Automatica</i> , 2005, 41, 1957-1964. | 5.0 | 2,178 |
| 2 | Non-singular terminal sliding mode control of rigid manipulators. <i>Automatica</i> , 2002, 38, 2159-2167. | 5.0 | 1,882 |
| 3 | Robust Finite-Time Consensus Tracking Algorithm for Multirobot Systems. <i>IEEE/ASME Transactions on Mechatronics</i> , 2009, 14, 219-228. | 5.8 | 735 |
| 4 | Terminal sliding mode control design for uncertain dynamic systems. <i>Systems and Control Letters</i> , 1998, 34, 281-287. | 2.3 | 476 |
| 5 | Finite-time stability and instability of stochastic nonlinear systems. <i>Automatica</i> , 2011, 47, 2671-2677. | 5.0 | 394 |
| 6 | Finite-time stabilization of stochastic nonlinear systems in strict-feedback form. <i>Automatica</i> , 2013, 49, 1403-1410. | 5.0 | 259 |
| 7 | Model reference adaptive control systems with terminal sliding modes. <i>International Journal of Control</i> , 1996, 64, 1165-1176. | 1.9 | 208 |
| 8 | Robust Motion Control of a Linear Motor Positioner Using Fast Nonsingular Terminal Sliding Mode. <i>IEEE/ASME Transactions on Mechatronics</i> , 2015, 20, 1743-1752. | 5.8 | 170 |
| 9 | Sliding Mode Control for Steer-by-Wire Systems With AC Motors in Road Vehicles. <i>IEEE Transactions on Industrial Electronics</i> , 2014, 61, 1596-1611. | 7.9 | 166 |
| 10 | Design of fuzzy sliding-mode control systems. <i>Fuzzy Sets and Systems</i> , 1998, 95, 295-306. | 2.7 | 142 |
| 11 | Terminal sliding mode observers for a class of nonlinear systems. <i>Automatica</i> , 2010, 46, 1401-1404. | 5.0 | 139 |
| 12 | Finite-Time Control of a Linear Motor Positioner Using Adaptive Recursive Terminal Sliding Mode. <i>IEEE Transactions on Industrial Electronics</i> , 2020, 67, 6659-6668. | 7.9 | 134 |
| 13 | Terminal Sliding Mode Control “ An Overview. <i>IEEE Open Journal of the Industrial Electronics Society</i> , 2021, 2, 36-52. | 6.8 | 134 |
| 14 | Multi-surface sliding control for fast finite-time leader-follower consensus with high order SISO uncertain nonlinear agents. <i>International Journal of Robust and Nonlinear Control</i> , 2014, 24, 2388-2404. | 3.7 | 133 |
| 15 | Design and Implementation of Adaptive Terminal Sliding-Mode Control on a Steer-by-Wire Equipped Road Vehicle. <i>IEEE Transactions on Industrial Electronics</i> , 2016, 63, 5774-5785. | 7.9 | 133 |
| 16 | Continuous Fast Nonsingular Terminal Sliding Mode Control of Automotive Electronic Throttle Systems Using Finite-Time Exact Observer. <i>IEEE Transactions on Industrial Electronics</i> , 2018, 65, 7160-7172. | 7.9 | 124 |
| 17 | A New Adaptive Backpropagation Algorithm Based on Lyapunov Stability Theory for Neural Networks. <i>IEEE Transactions on Neural Networks</i> , 2006, 17, 1580-1591. | 4.2 | 100 |
| 18 | Robust Sliding Mode-Based Learning Control for Steer-by-Wire Systems in Modern Vehicles. <i>IEEE Transactions on Vehicular Technology</i> , 2014, 63, 580-590. | 6.3 | 90 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Design of Robust Repetitive Control With Time-Varying Sampling Periods. IEEE Transactions on Industrial Electronics, 2014, 61, 2834-2841. | 7.9 | 89 |
| 20 | Nested adaptive super-twisting sliding mode control design for a vehicle steer-by-wire system. Mechanical Systems and Signal Processing, 2019, 122, 658-672. | 8.0 | 84 |
| 21 | Finite-time and fixed-time leader-following consensus for multi-agent systems with discontinuous inherent dynamics. International Journal of Control, 2018, 91, 1259-1270. | 1.9 | 81 |
| 22 | Adaptive Sliding Mode-Based Lateral Stability Control of Steer-by-Wire Vehicles With Experimental Validations. IEEE Transactions on Vehicular Technology, 2020, 69, 9589-9600. | 6.3 | 78 |
| 23 | Robust Control for Steer-by-Wire Systems With Partially Known Dynamics. IEEE Transactions on Industrial Informatics, 2014, 10, 2003-2015. | 11.3 | 75 |
| 24 | Dynamics modelling and linear control of quadcopter. , 2016, , . | | 74 |
| 25 | Tracking Control of a Linear Motor Positioner Based on Barrier Function Adaptive Sliding Mode. IEEE Transactions on Industrial Informatics, 2021, 17, 7479-7488. | 11.3 | 73 |
| 26 | A fuzzy neural network approximator with fast terminal sliding mode and its applications. Fuzzy Sets and Systems, 2004, 148, 469-486. | 2.7 | 57 |
| 27 | Adaptive fast non-singular terminal sliding mode control for a vehicle steer-by-wire system. IET Control Theory and Applications, 2017, 11, 1245-1254. | 2.1 | 54 |
| 28 | Variable step-size LMS algorithm with a quotient form. Signal Processing, 2009, 89, 67-76. | 3.7 | 53 |
| 29 | Robust Control of a Vehicle Steer-by-Wire System Using Adaptive Sliding Mode. IEEE Transactions on Industrial Electronics, 2015, , 1-1. | 7.9 | 52 |
| 30 | Finite-time stability theorems of homogeneous stochastic nonlinear systems. Systems and Control Letters, 2017, 100, 6-13. | 2.3 | 52 |
| 31 | Lyapunov-theory-based radial basis function networks for adaptive filtering. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2002, 49, 1215-1220. | 0.1 | 50 |
| 32 | A new robust training algorithm for a class of single-hidden layer feedforward neural networks. Neurocomputing, 2011, 74, 2491-2501. | 5.9 | 50 |
| 33 | Path-following control of Mecanum-wheels omnidirectional mobile robots using nonsingular terminal sliding mode. Mechanical Systems and Signal Processing, 2021, 147, 107128. | 8.0 | 48 |
| 34 | Guest editorial: Special issue on Extreme learning machine and applications (I). Neural Computing and Applications, 2016, 27, 1-2. | 5.6 | 47 |
| 35 | Model Free ESO-Based Repetitive Control for Rejecting Periodic and Aperiodic Disturbances. IEEE Transactions on Industrial Electronics, 2017, 64, 3433-3441. | 7.9 | 47 |
| 36 | Robust and fast non-singular terminal sliding mode control for piezoelectric actuators. IET Control Theory and Applications, 2015, 9, 2678-2687. | 2.1 | 40 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Robust Single-Hidden Layer Feedforward Network-Based Pattern Classifier. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 1974-1986. | 11.3 | 39 |
| 38 | Robust adaptive position control of automotive electronic throttle valve using PID-type sliding mode technique. Nonlinear Dynamics, 2016, 85, 1331-1344. | 5.2 | 39 |
| 39 | On improving the conditioning of extreme learning machine: A linear case. , 2009, , . | | 38 |
| 40 | Design of Robust Terminal Sliding Mode Control for Underactuated Flexible Joint Robot. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 4272-4285. | 9.3 | 34 |
| 41 | Classification of bioinformatics dataset using finite impulse response extreme learning machine for cancer diagnosis. Neural Computing and Applications, 2013, 22, 457-468. | 5.6 | 32 |
| 42 | An optimal weight learning machine for handwritten digit image recognition. Signal Processing, 2013, 93, 1624-1638. | 3.7 | 31 |
| 43 | A fast non-singular terminal sliding mode control based on perturbation estimation for piezoelectric actuators systems. International Journal of Control, 2017, 90, 480-491. | 1.9 | 31 |
| 44 | Digital design of adaptive repetitive control of linear systems with time-varying periodic disturbances. IET Control Theory and Applications, 2014, 8, 1995-2003. | 2.1 | 30 |
| 45 | Stability and Convergence Analysis of Transform-Domain LMS Adaptive Filters With Second-Order Autoregressive Process. IEEE Transactions on Signal Processing, 2009, 57, 119-130. | 5.3 | 29 |
| 46 | Barrier Function Based Adaptive Sliding Mode Control for Uncertain Systems With Input Saturation. IEEE/ASME Transactions on Mechatronics, 2022, 27, 4258-4268. | 5.8 | 29 |
| 47 | Statistical modeling of gear vibration signals and its application to detecting and diagnosing gear faults. Information Sciences, 2014, 259, 295-303. | 6.9 | 28 |
| 48 | Optimal sinusoidal modelling of gear mesh vibration signals for gear diagnosis and prognosis. Mechanical Systems and Signal Processing, 2012, 33, 256-274. | 8.0 | 27 |
| 49 | Fuzzy modelling and tracking control of nonlinear systems. Mathematical and Computer Modelling, 2001, 33, 759-770. | 2.0 | 25 |
| 50 | Adaptive Repetitive Control of System Subject to Periodic Disturbance with Time-Varying Frequency. , 2011, , . | | 24 |
| 51 | Precise Discrete-Time Steering Control for Robotic Fish Based on Data-Assisted Technique and Super-Twisting-Like Algorithm. IEEE Transactions on Industrial Electronics, 2020, 67, 10587-10599. | 7.9 | 23 |
| 52 | Robust tracking control of an IPMC actuator using nonsingular terminal sliding mode. Smart Materials and Structures, 2017, 26, 095042. | 3.5 | 22 |
| 53 | Non-singular terminal sliding mode control and its application for robot manipulators. , 0, , . | | 21 |
| 54 | Comments on "Adaptive multiple-surface sliding control for non-autonomous systems with mismatched uncertainties". Automatica, 2008, 44, 2995-2998. | 5.0 | 21 |

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| 55 | Sliding mode-based active disturbance rejection control for vehicle steering wire systems. IET Cyber-Physical Systems: Theory and Applications, 2018, 3, 1-10. | 3.3 | 21 |
| 56 | Integral terminal sliding mode cooperative control of multi-robot networks. , 2009, , . | | 20 |
| 57 | Robust design of repetitive control system. , 2011, , . | | 19 |
| 58 | Notice of Violation of IEEE Publication Principles: Performance enhancement of ADRC using RC for load frequency control of power system. , 2013, , . | | 19 |
| 59 | Modular implementation of artificial neural network in predicting in-flight particle characteristics of an atmospheric plasma spray process. Engineering Applications of Artificial Intelligence, 2015, 45, 57-70. | 8.1 | 18 |
| 60 | Adaptive Microtracking Control for an Underwater IPMC Actuator Using New Hyperplane-Based Sliding Mode. IEEE/ASME Transactions on Mechatronics, 2019, 24, 2108-2117. | 5.8 | 18 |
| 61 | Adaptive fast terminal sliding mode tracking control of robotic manipulator. , 0, , . | | 17 |
| 62 | Variable Structure Systems with Terminal Sliding Modes. , 2002, , 109-127. | | 17 |
| 63 | Performance comparison of SO and ESO based RC. , 2013, , . | | 16 |
| 64 | Design of decentralized multi-input multi-output repetitive control systems. International Journal of Automation and Computing, 2016, 13, 615-623. | 4.5 | 16 |
| 65 | Two-Stage Deployment Strategy for Wireless Robotic Networks via a Class of Interaction Models. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1510-1521. | 9.3 | 16 |
| 66 | Sliding mode-like learning control for SISO complex systems with T-S fuzzy models. International Journal of Modelling, Identification and Control, 2012, 16, 317. | 0.2 | 15 |
| 67 | Super twisting observer based repetitive control for aperiodic disturbance rejection in a brushless DC servo motor. International Journal of Control, Automation and Systems, 2017, 15, 2063-2071. | 2.7 | 15 |
| 68 | Fast finite-time consensus of a class of high-order uncertain nonlinear systems. , 2010, , . | | 14 |
| 69 | Comments on "Fast algorithms and implementation of 2-D discrete cosine transform". IEEE Transactions on Circuits and Systems for Video Technology, 1998, 8, 128-129. | 8.3 | 13 |
| 70 | Finite-time consensus algorithm of multi-agent networks. , 2008, , . | | 13 |
| 71 | Modeling and analysis of gear tooth crack growth under variable-amplitude loading. Mechanical Systems and Signal Processing, 2013, 40, 105-113. | 8.0 | 12 |
| 72 | Robust sliding mode learning control for uncertain discrete-time multi-input multi-output systems. IET Control Theory and Applications, 2014, 8, 1045-1053. | 2.1 | 12 |

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| 73 | Adaptive neural network sliding mode control for steer-by-wire-based vehicle stability control. Journal of Intelligent and Fuzzy Systems, 2016, 31, 885-902. | 1.4 | 12 |
| 74 | Dynamic neural modeling of fatigue crack growth process in ductile alloys. Information Sciences, 2016, 364-365, 167-183. | 6.9 | 12 |
| 75 | A new sliding mode-based learning control scheme. , 2011, , . | | 11 |
| 76 | A modified ELM algorithm for single-hidden layer feedforward neural networks with linear nodes. , 2011, , . | | 11 |
| 77 | New Variable Step-Sizes Minimizing Mean-Square Deviation for the LMS-Type Algorithms. Circuits, Systems, and Signal Processing, 2014, 33, 2251-2265. | 2.0 | 11 |
| 78 | A recurrent neural network for modeling crack growth of aluminium alloy. Neural Computing and Applications, 2016, 27, 197-203. | 5.6 | 11 |
| 79 | Discrete terminal sliding mode repetitive control for a linear actuator with nonlinear friction and uncertainties. International Journal of Robust and Nonlinear Control, 2019, 29, 4285-4297. | 3.7 | 11 |
| 80 | Adaptive full order sliding mode control for electronic throttle valve system with fixed time convergence using extreme learning machine. Neural Computing and Applications, 2022, 34, 5241-5253. | 5.6 | 11 |
| 81 | Steering Feel Design for Steer-by-Wire System on Electric Vehicles. , 2019, , . | | 10 |
| 82 | On singularity free recursive fast terminal sliding mode control. , 2008, , . | | 9 |
| 83 | Observer-based robust finite-time cooperative consensus control for multi-agent networks. , 2009, , . | | 9 |
| 84 | An Extreme Learning Machine Algorithm to Predict the In-flight Particle Characteristics of an Atmospheric Plasma Spray Process. Plasma Chemistry and Plasma Processing, 2013, 33, 993-1023. | 2.4 | 9 |
| 85 | Neural modeling of vapor compression refrigeration cycle with extreme learning machine. Neurocomputing, 2014, 128, 242-248. | 5.9 | 9 |
| 86 | A novel sliding mode control for lane keeping in road vehicles. , 2016, , . | | 9 |
| 87 | Hierarchical sliding mode control applied to a single-link flexible joint robot manipulator. , 2016, , . | | 9 |
| 88 | Sliding mode based repetitive control for improved reference tracking. , 2014, , . | | 8 |
| 89 | Sliding mode learning control of nonâ€minimum phase nonlinear systems. International Journal of Robust and Nonlinear Control, 2016, 26, 2281-2298. | 3.7 | 8 |
| 90 | TRACKING PRECISION ANALYSIS OF TERMINAL SLIDING MODE CONTROL SYSTEMS WITH SATURATION FUNCTIONS. , 2000, , . | | 7 |

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| 91 | A new fuzzy sliding mode control scheme. , 0, , . | | 7 |
| 92 | A new terminal sliding mode tracking control for a class of nonminimum phase systems with uncertain dynamics. , 2008, , . | | 7 |
| 93 | A generalized data windowing scheme for adaptive conjugate gradient algorithms. Signal Processing, 2009, 89, 894-900. | 3.7 | 7 |
| 94 | New results in disturbance decoupled fault reconstruction in linear uncertain systems using two sliding mode observers in cascade. International Journal of Control, Automation and Systems, 2010, 8, 506-518. | 2.7 | 7 |
| 95 | An improved training algorithm for feedforward neural network learning based on terminal attractors. Journal of Global Optimization, 2011, 51, 271-284. | 1.8 | 7 |
| 96 | Sliding mode learning based congestion control for DiffServ networks. IET Control Theory and Applications, 2016, 10, 1281-1287. | 2.1 | 7 |
| 97 | Optimal second order integral sliding mode control for a flexible joint robot manipulator. , 2017, , . | | 7 |
| 98 | A finite-time stability theorem of stochastic nonlinear systems and stabilization designs. , 2011, , . | | 6 |
| 99 | Hierarchical non-singular terminal sliding mode controller for a single link flexible joint robot manipulator. , 2017, , . | | 6 |
| 100 | Collision-avoidance steering control for autonomous vehicles using neural network-based adaptive integral terminal sliding mode. Journal of Intelligent and Fuzzy Systems, 2020, 39, 4689-4702. | 1.4 | 6 |
| 101 | Settling Time Estimation in Synchronization of Impulsive Networks With Switching Topologies. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2386-2397. | 9.3 | 6 |
| 102 | Extreme learning machine-based field-oriented feedback linearization speed control of permanent magnetic synchronous motors. Neural Computing and Applications, 2022, 34, 5267-5282. | 5.6 | 6 |
| 103 | Lyapunov stability-based adaptive backpropagation for discrete time system. , 0, , . | | 5 |
| 104 | Leader-follower consensus control of a class of nonholonomic systems. , 2010, , . | | 5 |
| 105 | Classification of microarray datasets using finite impulse response extreme learning machine for cancer diagnosis. , 2011, , . | | 5 |
| 106 | Design of decentralized repetitive control of linear MIMO system. , 2013, , . | | 5 |
| 107 | Modeling and tracking control of an IPMC actuator for underwater applications. , 2016, , . | | 5 |
| 108 | Design of a discrete-time terminal sliding mode repetitive controller. , 2016, , . | | 5 |

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| 109 | Design of super twisting repetitive control. , 2016, , . | | 5 |
| 110 | Robust control for vehicle lane-keeping with sliding mode. , 2017, , . | | 5 |
| 111 | Neural Network Super-twisting based Repetitive Control for a Brushless DC Servo Motor with Parameter Uncertainty, Friction, and Backlash. , 2018, , . | | 5 |
| 112 | Using Communication Networks in Control Systems: The Theoretical and Practical Challenges. Journal of Control Science and Engineering, 2018, 2018, 1-2. | 1.0 | 5 |
| 113 | Practical model-free robust estimation and control design for an underwater soft IPMC actuator. IET Control Theory and Applications, 2020, 14, 1508-1515. | 2.1 | 5 |
| 114 | A new intelligent pattern classifier based on structured sparse representation. Computers and Electrical Engineering, 2020, 84, 106641. | 4.8 | 5 |
| 115 | A New Design of Sliding Mode Control Systems. Lecture Notes in Control and Information Sciences, 2011, , 151-167. | 1.0 | 5 |
| 116 | Sliding mode based repetitive control for parameter uncertainty of a brushless DC servo motor. , 2016, , . | | 5 |
| 117 | Terminal time regulator-based exact-time sliding mode control for uncertain nonlinear systems. International Journal of Robust and Nonlinear Control, 2022, 32, 7536-7553. | 3.7 | 5 |
| 118 | Automatic Han Chinese folk song classification using the musical feature density map. , 2012, , . | | 4 |
| 119 | Robust sliding mode control for Steer-by-Wire systems with AC motors in road vehicles. , 2013, , . | | 4 |
| 120 | Adaptive blind equalization of time-varying SIMO systems driven by QPSK inputs. , 2013, 23, 268-274. | | 4 |
| 121 | Frequency-domain beamformers using conjugate gradient techniques for speech enhancement. Journal of the Acoustical Society of America, 2014, 136, 1160-1175. | 1.1 | 4 |
| 122 | Discrete-time iterative learning control for vehicle Steer-by-Wire systems. , 2014, , . | | 4 |
| 123 | An optimal method for data clustering. Neural Computing and Applications, 2016, 27, 283-289. | 5.6 | 4 |
| 124 | ESO-based repetitive control for rejecting periodic and aperiodic disturbances in piezoelectric actuators. , 2017, , . | | 4 |
| 125 | Design of a Robust Discrete-time Phase Lead Repetitive Control in Frequency Domain for a Linear Actuator with Multiple Phase Uncertainties. International Journal of Control, Automation and Systems, 2018, 16, 2609-2620. | 2.7 | 4 |
| 126 | Adaptive fuzzy sliding mode control design for vehicle steer-by-wire systems. Journal of Intelligent and Fuzzy Systems, 2019, 37, 6601-6612. | 1.4 | 4 |

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|-----|--|-----|-----------|
| 127 | Special issue on extreme learning machine and deep learning networks. <i>Neural Computing and Applications</i> , 2020, 32, 14241-14245. | 5.6 | 4 |
| 128 | Second-order terminal sliding mode control based on perturbation estimation for nanopositioning stage. <i>IET Cyber-Systems and Robotics</i> , 2020, 2, 161-167. | 1.8 | 4 |
| 129 | A new stability criterion and its application on process control systems with time-delay. , 2008, , . | | 3 |
| 130 | German vs. Austrian folk song classification. , 2013, , . | | 3 |
| 131 | Discrete extended state observer based repetitive control system for improved disturbance rejection performance. , 2016, , . | | 3 |
| 132 | Adaptive sliding mode control for a vehicle steer-by-wire system. , 2016, , . | | 3 |
| 133 | Super-twisting based integral sliding mode control applied to a rotary flexible joint robot manipulator. , 2017, , . | | 3 |
| 134 | Reduced order discrete extended state observer (RODESO) based repetitive control for rejecting periodic and aperiodic disturbances. , 2017, , . | | 3 |
| 135 | Robust terminal sliding mode control for automotive electronic throttle with lumped uncertainty estimation. <i>International Journal of Vehicle Design</i> , 2017, 74, 19. | 0.3 | 3 |
| 136 | Automatic Han Chinese Folk Song Classification Using Extreme Learning Machines. <i>Lecture Notes in Computer Science</i> , 2012, , 49-60. | 1.3 | 3 |
| 137 | Integrated terminal sliding with enhanced repetitive control for nono-positioing stage. , 2016, , . | | 3 |
| 138 | A new output regulation using sliding-mode technique for a class of SISO linear time-varying systems. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2002, 49, 1880-1884. | 0.1 | 2 |
| 139 | Semi-Markov Modeling for Bandwidth Sharing of TCP Connections with Asymmetric AIMD Congestion Control. , 2007, , . | | 2 |
| 140 | Queue Dynamics Analysis of TCP Veno with RED. , 2007, , . | | 2 |
| 141 | Feedback Control of T-S Fuzzy Systems Based on LTV System Theory. <i>International Journal of Electrical Engineering and Education</i> , 2009, 46, 47-58. | 0.8 | 2 |
| 142 | Adaptive surveillance video noise suppression. , 2011, , . | | 2 |
| 143 | Adaptive fast finite-time multiple-surface sliding control for a class of uncertain non-linear systems. <i>International Journal of Modelling, Identification and Control</i> , 2012, 16, 392. | 0.2 | 2 |
| 144 | Adaptive finite-time stabilization of a class of stochastic nonlinear systems. , 2012, , . | | 2 |

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|-----|--|-----|-----------|
| 145 | Terminal sliding mode control for steer-by-wire system in electric vehicles. , 2012, , . | | 2 |
| 146 | System Dynamics Analysis of Adaptive Modulation Problem for Rayleigh Flat-Fading Channel. IEEE Wireless Communications Letters, 2014, 3, 325-328. | 5.0 | 2 |
| 147 | Robust control of Piezoelectric Actuator using Fast Nonsingular Terminal Sliding Mode. , 2015, , . | | 2 |
| 148 | RBF-neural-network-based sliding mode controller of automotive Steer-by-Wire systems. , 2015, , . | | 2 |
| 149 | Discrete-time sliding mode learning based congestion control for connection-oriented communication networks. , 2016, , . | | 2 |
| 150 | Guest editorial: Special issue on Extreme learning machine and applications (II). Neural Computing and Applications, 2016, 27, 253-254. | 5.6 | 2 |
| 151 | Novel tire inflating system using extreme learning machine algorithm for efficient tire identification. , 2017, , . | | 2 |
| 152 | On supervised learning of sliding observer. , 2017, , . | | 2 |
| 153 | Sign propagation: The art behind the methodology of sliding observers. , 2017, , . | | 2 |
| 154 | A New Approach to Sliding Observer Design and Stability for Linear System. , 2018, , . | | 2 |
| 155 | An improved Hopfield Lagrange network with application on motor efficiency optimization. Asian Journal of Control, 2022, 24, 1223-1234. | 3.0 | 2 |
| 156 | Learning-based robust control methodologies under information constraints. International Journal of Robust and Nonlinear Control, 2022, 32, 2467-2471. | 3.7 | 2 |
| 157 | A New Extended Sliding Mode Observer for Second-order Linear Systems. , 2021, , . | | 2 |
| 158 | A class of modified variable step-size NLMS algorithms for system identification. , 2009, , . | | 1 |
| 159 | Adaptive data based neural network leader-follower control of multi-agent networks. , 2011, , . | | 1 |
| 160 | Sliding mode learning control for nonminimum phase nonlinear systems. , 2013, , . | | 1 |
| 161 | Modified ESO based RC for improved disturbance rejection capability for the plant with time-varying uncertainty. , 2014, , . | | 1 |
| 162 | A new dynamic neural modelling for mechatronic system prognostics. , 2016, , . | | 1 |

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|-----|--|-----|-----------|
| 163 | Classification of bearing faults using extreme learning machine algorithm. , 2017, , . | | 1 |
| 164 | Robust terminal sliding mode control of IPMC actuators. , 2017, , . | | 1 |
| 165 | Approaches to Estimation of Vehicle Lateral Dynamics. , 2019, , . | | 1 |
| 166 | A semi-supervised deep-thinking concept based classifier for handwritten digit image recognition. , 2019, , . | | 1 |
| 167 | Robust fast nonsingular terminal sliding mode control strategy for electronic throttle based on extreme learning machine. , 2019, , . | | 1 |
| 168 | Extreme-learning-machine-based robust AITSM control for steer-by-wire systems. , 2019, , . | | 1 |
| 169 | Practical Model-Free Robust Control Design for an Underwater IPMC Actuator. , 2019, , . | | 1 |
| 170 | Robotic Fish Path Planning in Complex Environment. , 2019, , . | | 1 |
| 171 | A new intelligent pattern classifier based on deep-thinking. Neural Computing and Applications, 2020, 32, 14247-14261. | 5.6 | 1 |
| 172 | ROBUST TERMINAL SLIDING MODE CONTROL OF A FLEXIBLE ROBOT ARM. , 2000, , . | | 1 |
| 173 | Modeling of Surveillance Video Noise. , 2011, , . | | 1 |
| 174 | Friction compensator based repetitive control with application to a brushless DC servo motor. , 2016, , . | | 1 |
| 175 | Robust terminal sliding mode control for automotive electronic throttle with lumped uncertainty estimation. International Journal of Vehicle Design, 2017, 74, 19. | 0.3 | 1 |
| 176 | A self-adaptive global harmony search based extreme learning machine for classification problem. , 2020, , . | | 1 |
| 177 | Phase-lead Repetitive Control of a PMSM with Field-oriented Feedback Linearization and a disturbance observer. , 2021, , . | | 1 |
| 178 | Predictive extended state observer-based repetitive controller for uncertain systems with input delay. Automatika, 2022, 63, 122-131. | 2.0 | 1 |
| 179 | A fuzzy neural network approximator with fast terminal sliding mode and its applications. , 0, , . | | 0 |
| 180 | A new dynamical fuzzy modeling and control for SISO complex systems. , 0, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|----|-----------|
| 181 | Navigation of four-wheel-steering mobile robots using robust fault-tolerant sliding mode control. , 2010, , . | | 0 |
| 182 | Nonlinear image restoration using recurrent radial basis function network. , 2010, , . | | 0 |
| 183 | A Unified Flow Control Approach for QoS Balance in Differentiated Services. , 2010, , . | | 0 |
| 184 | Sliding mode learning control for SISO complex systems with T-S fuzzy models. , 2011, , . | | 0 |
| 185 | A robust learning control for SISO nonlinear systems with T-S fuzzy model: C02-robust control. , 2012, , . | | 0 |
| 186 | A new sliding mode-based learning control for uncertain discrete-time systems. , 2012, , . | | 0 |
| 187 | Sliding mode based learning control for interconnected systems. , 2013, , . | | 0 |
| 188 | Non-linear feedback rate-adaptive modulation scheme in wireless communications over Rayleigh channels. , 2013, , . | | 0 |
| 189 | A variable step-size transform-domain LMS algorithm based on minimum mean-square deviation for autoregressive process. , 2013, , . | | 0 |
| 190 | Task space synchronized control for multiple robotic manipulators. , 2014, , . | | 0 |
| 191 | Finite-time adaptive force control for rheonomically constrained manipulators. , 2014, , . | | 0 |
| 192 | A combined robust terminal sliding mode controller with perturbation estimator for piezoelectric actuated positioner. , 2016, , . | | 0 |
| 193 | Robust adaptive position control of automotive electronic throttle valve using PID-type sliding mode technique. , 2016, , . | | 0 |
| 194 | An artificial neural network-based model for analysing the R-ratio effect on fatigue crack propagation. , 2017, , . | | 0 |
| 195 | A Robust and Accurate Neural Predictive Model for Foreign Exchange Market Modelling and Forecasting. , 2018, , . | | 0 |
| 196 | Fast Nonsingular Terminal Sliding Control for Permanent Magnet Linear Motor via Extreme Learning Machine Estimator. , 2019, , . | | 0 |
| 197 | Numerical Computation of Regenerator with Heat Recovery System in Liquid Desiccant Dehumidification System. , 2019, , . | | 0 |
| 198 | An Intelligent System for Crack Growth Prediction with the R-ratio Effect. , 2019, , . | | 0 |

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| 199 | A NEW CONCURRENT ALGORITHM FOR ADAPTIVE FILTERING IN PARALLEL SIGNAL PROCESSING. , 2000, , . | | 0 |
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