

# Zhihong Man

## List of Publications by Year in descending order

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209  
papers

9,982  
citations

94433

37  
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37204

96  
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213  
all docs

213  
docs citations

213  
times ranked

4991  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	An improved Hopfield Lagrange network with application on motor efficiency optimization. Asian Journal of Control, 2022, 24, 1223-1234.	3.0	2
3	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
4	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
5	Learning-based robust control methodologies under information constraints. International Journal of Robust and Nonlinear Control, 2022, 32, 2467-2471.	3.7	2
6	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
7	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
8	Predictive extended state observer-based repetitive controller for uncertain systems with input delay. Automatika, 2022, 63, 122-131.	2.0	1
9	Parameter Estimation for Robotic Manipulator Systems. Machines, 2022, 10, 392.	2.2	0
10	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
11	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
12	Terminal Sliding Mode Control – An Overview. IEEE Open Journal of the Industrial Electronics Society, 2021, 2, 36-52.	6.8	134
13	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
14	Phase-lead Repetitive Control of a PMSM with Field-oriented Feedback Linearization and a disturbance observer. , 2021, , .		1
15	Real-Time Control Systems with Applications in Mechatronics. , 2021, , 1-36.		0
16	A New Extended Sliding Mode Observer for Second-order Linear Systems. , 2021, , .		2
17	Parameter Estimation of Robotic Manipulator in Frequency Domain. , 2021, , .		0
18	Extreme Learning Machine with Harmony Search for High Dimensional Data Classifications. , 2021, , .		0

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19	A new intelligent pattern classifier based on deep-thinking. Neural Computing and Applications, 2020, 32, 14247-14261.	5.6	1
20	Finite-Time Control of a Linear Motor Positioner Using Adaptive Recursive Terminal Sliding Mode. IEEE Transactions on Industrial Electronics, 2020, 67, 6659-6668.	7.9	134
21	Special issue on extreme learning machine and deep learning networks. Neural Computing and Applications, 2020, 32, 14241-14245.	5.6	4
22	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
23	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
24	A new intelligent pattern classifier based on structured sparse representation. Computers and Electrical Engineering, 2020, 84, 106641.	4.8	5
25	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
26	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
27	Second-order terminal sliding mode control based on perturbation estimation for nanopositioning stage. IET Cyber-Systems and Robotics, 2020, 2, 161-167.	1.8	4
28	A Robust and Dynamically Enhanced Neural Predictive Model for Foreign Exchange Rate Prediction. Proceedings in Adaptation, Learning and Optimization, 2020, , 27-36.	1.6	0
29	A self-adaptive global harmony search based extreme learning machine for classification problem. , 2020, , .		1
30	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
31	Approaches to Estimation of Vehicle Lateral Dynamics. , 2019, , .		1
32	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
33	Fast Nonsingular Terminal Sliding Control for Permanent Magnet Linear Motor via Extreme Learning Machine Estimator. , 2019, , .		0
34	Numerical Computation of Regenerator with Heat Recovery System in Liquid Desiccant Dehumidification System. , 2019, , .		0
35	An Intelligent System for Crack Growth Prediction with the $S-R$ -ratio Effect. , 2019, , .		0
36	A semi-supervised deep-thinking concept based classifier for handwritten digit image recognition. , 2019, , .		1

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37	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
38	Steering Feel Design for Steer-by-Wire System on Electric Vehicles. , 2019, , .		10
39	Robust fast nonsingular terminal sliding mode control strategy for electronic throttle based on extreme learning machine. , 2019, , .		1
40	Extreme-learning-machine-based robust AITSM control for steer-by-wire systems. , 2019, , .		1
41	Practical Model-Free Robust Control Design for an Underwater IPMC Actuator. , 2019, , .		1
42	Robotic Fish Path Planning in Complex Environment. , 2019, , .		1
43	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
44	Structured Learning-Based Sinusoidal Modelling for Gear Diagnosis and Prognosis. Lecture Notes in Mechanical Engineering, 2019, , 184-193.	0.4	0
45	Sliding mode-based active disturbance rejection control for vehicle steer-by-wire systems. IET Cyber-Physical Systems: Theory and Applications, 2018, 3, 1-10.	3.3	21
46	Continuous Fast Nonsingular Terminal Sliding Mode Control of Automotive Electronic Throttle Systems Using Finite-Time Exact Observer. IEEE Transactions on Industrial Electronics, 2018, 65, 7160-7172.	7.9	124
47	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
48	Neural Network Super-twisting based Repetitive Control for a Brushless DC Servo Motor with Parameter Uncertainty, Friction, and Backlash. , 2018, , .		5
49	Using Communication Networks in Control Systems: The Theoretical and Practical Challenges. Journal of Control Science and Engineering, 2018, 2018, 1-2.	1.0	5
50	A Robust and Accurate Neural Predictive Model for Foreign Exchange Market Modelling and Forecasting. , 2018, , .		0
51	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
52	A New Approach to Sliding Observer Design and Stability for Linear System. , 2018, , .		2
53	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
54	Novel tire inflating system using extreme learning machine algorithm for efficient tire identification. , 2017, , .		2

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55	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
56	Finite-time stability theorems of homogeneous stochastic nonlinear systems. Systems and Control Letters, 2017, 100, 6-13.	2.3	52
57	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
58	Adaptive fast non-singular terminal sliding mode control for a vehicle steering-by-wire system. IET Control Theory and Applications, 2017, 11, 1245-1254.	2.1	54
59	Model Free ESO-Based Repetitive Control for Rejecting Periodic and Aperiodic Disturbances. IEEE Transactions on Industrial Electronics, 2017, 64, 3433-3441.	7.9	47
60	On supervised learning of sliding observer. , 2017, , .		2
61	Sign propagation: The art behind the methodology of sliding observers. , 2017, , .		2
62	Robust control for vehicle lane-keeping with sliding mode. , 2017, , .		5
63	ESO-based repetitive control for rejecting periodic and aperiodic disturbances in piezoelectric actuators. , 2017, , .		4
64	Super-twisting based integral sliding mode control applied to a rotary flexible joint robot manipulator. , 2017, , .		3
65	Reduced order discrete extended state observer (RODES) based repetitive control for rejecting periodic and aperiodic disturbances. , 2017, , .		3
66	An artificial neural network-based model for analysing the R-ratio effect on fatigue crack propagation. , 2017, , .		0
67	Optimal second order integral sliding mode control for a flexible joint robot manipulator. , 2017, , .		7
68	Classification of bearing faults using extreme learning machine algorithm. , 2017, , .		1
69	Robust terminal sliding mode control of IPMC actuators. , 2017, , .		1
70	Hierarchical non-singular terminal sliding mode controller for a single link flexible joint robot manipulator. , 2017, , .		6
71	Robust terminal sliding mode control for automotive electronic throttle with lumped uncertainty estimation. International Journal of Vehicle Design, 2017, 74, 19.	0.3	3
72	Robust tracking control of an IPMC actuator using nonsingular terminal sliding mode. Smart Materials and Structures, 2017, 26, 095042.	3.5	22

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73	Robust terminal sliding mode control for automotive electronic throttle with lumped uncertainty estimation. International Journal of Vehicle Design, 2017, 74, 19.	0.3	1
74	Sliding mode learning control of non- $\epsilon$ -minimum phase nonlinear systems. International Journal of Robust and Nonlinear Control, 2016, 26, 2281-2298.	3.7	8
75	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
76	A new dynamic neural modelling for mechatronic system prognostics. , 2016, , .		1
77	Discrete extended state observer based repetitive control system for improved disturbance rejection performance. , 2016, , .		3
78	Adaptive sliding mode control for a vehicle steer-by-wire system. , 2016, , .		3
79	A combined robust terminal sliding mode controller with perturbation estimator for piezoelectric actuated positioner. , 2016, , .		0
80	Discrete-time sliding mode learning based congestion control for connection-oriented communication networks. , 2016, , .		2
81	A novel sliding mode control for lane keeping in road vehicles. , 2016, , .		9
82	Dynamics modelling and linear control of quadcopter. , 2016, , .		74
83	Hierarchical sliding mode control applied to a single-link flexible joint robot manipulator. , 2016, , .		9
84	Modeling and tracking control of an IPMC actuator for underwater applications. , 2016, , .		5
85	Design and Implementation of Adaptive Terminal Sliding-Mode Control on a Steer-by-Wire Equipped Road Vehicle. IEEE Transactions on Industrial Electronics, 2016, 63, 5774-5785.	7.9	133
86	Robust adaptive position control of automotive electronic throttle valve using PID-type sliding mode technique. Nonlinear Dynamics, 2016, 85, 1331-1344.	5.2	39
87	Dynamic neural modeling of fatigue crack growth process in ductile alloys. Information Sciences, 2016, 364-365, 167-183.	6.9	12
88	Design of a discrete-time terminal sliding mode repetitive controller. , 2016, , .		5
89	Robust adaptive position control of automotive electronic throttle valve using PID-type sliding mode technique. , 2016, , .		0
90	Sliding mode learning based congestion control for DiffServ networks. IET Control Theory and Applications, 2016, 10, 1281-1287.	2.1	7

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91	Design of decentralized multi-input multi-output repetitive control systems. International Journal of Automation and Computing, 2016, 13, 615-623.	4.5	16
92	Design of super twisting repetitive control. , 2016, , .		5
93	An optimal method for data clustering. Neural Computing and Applications, 2016, 27, 283-289.	5.6	4
94	A recurrent neural network for modeling crack growth of aluminium alloy. Neural Computing and Applications, 2016, 27, 197-203.	5.6	11
95	Guest editorial: Special issue on Extreme learning machine and applications (II). Neural Computing and Applications, 2016, 27, 253-254.	5.6	2
96	Guest editorial: Special issue on Extreme learning machine and applications (I). Neural Computing and Applications, 2016, 27, 1-2.	5.6	47
97	Integrated terminal sliding with enhanced repetitive control for nono-positioing stage. , 2016, , .		3
98	Advanced control design for a vehicle steer-by-wire system by using adaptive fast nonsingular terminal sliding mode. , 2016, , .		0
99	Friction compensator based repetitive control with application to a brushless DC servo motor. , 2016, , .		1
100	Sliding mode based repetitive control for parameter uncertainty of a brushless DC servo motor. , 2016, , .		5
101	Modeling crack growth of aluminum alloy under variable-amplitude loading using dynamic neural network. , 2016, , .		0
102	Robust control of Piezoelectric Actuator using Fast Nonsingular Terminal Sliding Mode. , 2015, , .		2
103	RBF-neural-network-based sliding mode controller of automotive Steer-by-Wire systems. , 2015, , .		2
104	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
105	Robust and fast nonâ€singular terminal sliding mode control for piezoelectric actuators. IET Control Theory and Applications, 2015, 9, 2678-2687.	2.1	40
106	Robust Control of a Vehicle Steer-by-Wire System Using Adaptive Sliding Mode. IEEE Transactions on Industrial Electronics, 2015, , 1-1.	7.9	52
107	Robust Motion Control of a Linear Motor Positioner Using Fast Nonsingular Terminal Sliding Mode. IEEE/ASME Transactions on Mechatronics, 2015, 20, 1743-1752.	5.8	170
108	Task space synchronized control for multiple robotic manipulators. , 2014, , .		0

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109	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
110	Finite-time adaptive force control for rheonomically constrained manipulators. , 2014, , .		0
111	Modified ESO based RC for improved disturbance rejection capability for the plant with time-varying uncertainty. , 2014, , .		1
112	Frequency-domain beamformers using conjugate gradient techniques for speech enhancement. Journal of the Acoustical Society of America, 2014, 136, 1160-1175.	1.1	4
113	Sliding mode based repetitive control for improved reference tracking. , 2014, , .		8
114	Neural modeling of vapor compression refrigeration cycle with extreme learning machine. Neurocomputing, 2014, 128, 242-248.	5.9	9
115	Sliding Mode Control for Steer-by-Wire Systems With AC Motors in Road Vehicles. IEEE Transactions on Industrial Electronics, 2014, 61, 1596-1611.	7.9	166
116	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
117	Robust Sliding Mode-Based Learning Control for Steer-by-Wire Systems in Modern Vehicles. IEEE Transactions on Vehicular Technology, 2014, 63, 580-590.	6.3	90
118	Design of Robust Repetitive Control With Time-Varying Sampling Periods. IEEE Transactions on Industrial Electronics, 2014, 61, 2834-2841.	7.9	89
119	Robust Control for Steer-by-Wire Systems With Partially Known Dynamics. IEEE Transactions on Industrial Informatics, 2014, 10, 2003-2015.	11.3	75
120	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
121	Statistical modeling of gear vibration signals and its application to detecting and diagnosing gear faults. Information Sciences, 2014, 259, 295-303.	6.9	28
122	System Dynamics Analysis of Adaptive Modulation Problem for Rayleigh Flat-Fading Channel. IEEE Wireless Communications Letters, 2014, 3, 325-328.	5.0	2
123	Multi-surface sliding control for fast finite-time leader-follower consensus with high order SISO uncertain nonlinear agents. International Journal of Robust and Nonlinear Control, 2014, 24, 2388-2404.	3.7	133
124	Discrete-time iterative learning control for vehicle Steer-by-Wire systems. , 2014, , .		4
125	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
126	Notice of Violation of IEEE Publication Principles: Performance enhancement of ADRC using RC for load frequency control of power system. , 2013, , .		19



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127	An optimal weight learning machine for handwritten digit image recognition. Signal Processing, 2013, 93, 1624-1638.	3.7	31
128	Design of decentralized repetitive control of linear MIMO system. , 2013, , .		5
129	Sliding mode based learning control for interconnected systems. , 2013, , .		0
130	Modeling and analysis of gear tooth crack growth under variable-amplitude loading. Mechanical Systems and Signal Processing, 2013, 40, 105-113.	8.0	12
131	Sliding mode learning control for nonminimum phase nonlinear systems. , 2013, , .		1
132	Robust sliding mode control for Steer-by-Wire systems with AC motors in road vehicles. , 2013, , .		4
133	German vs. Austrian folk song classification. , 2013, , .		3
134	Finite-time stabilization of stochastic nonlinear systems in strict-feedback form. Automatica, 2013, 49, 1403-1410.	5.0	259
135	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
136	Adaptive blind equalization of time-varying SIMO systems driven by QPSK inputs. , 2013, 23, 268-274.		4
137	Non-linear feedback rate-adaptive modulation scheme in wireless communications over Rayleigh channels. , 2013, , .		0
138	Performance comparison of SO and ESO based RC. , 2013, , .		16
139	A variable step-size transform-domain LMS algorithm based on minimum mean-square deviation for autoregressive process. , 2013, , .		0
140	A robust learning control for SISO nonlinear systems with T-S fuzzy model: C02-robust control. , 2012, , .		0
141	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
142	Robust Single-Hidden Layer Feedforward Network-Based Pattern Classifier. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 1974-1986.	11.3	39
143	Adaptive fast finite-time multiple-surface sliding control for a class of uncertain non-linear systems. International Journal of Modelling, Identification and Control, 2012, 16, 392.	0.2	2
144	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

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145	Adaptive finite-time stabilization of a class of stochastic nonlinear systems. , 2012, , .		2
146	Terminal sliding mode control for steer-by-wire system in electric vehicles. , 2012, , .		2
147	A new sliding mode-based learning control for uncertain discrete-time systems. , 2012, , .		0
148	Automatic Han Chinese folk song classification using the musical feature density map. , 2012, , .		4
149	Automatic Han Chinese Folk Song Classification Using Extreme Learning Machines. Lecture Notes in Computer Science, 2012, , 49-60.	1.3	3
150	Robust design of repetitive control system. , 2011, , .		19
151	Adaptive surveillance video noise suppression. , 2011, , .		2
152	Adaptive Repetitive Control of System Subject to Periodic Disturbance with Time-Varying Frequency. , 2011, , .		24
153	Sliding mode learning control for SISO complex systems with T-S fuzzy models. , 2011, , .		0
154	A new robust training algorithm for a class of single-hidden layer feedforward neural networks. Neurocomputing, 2011, 74, 2491-2501.	5.9	50
155	Finite-time stability and instability of stochastic nonlinear systems. Automatica, 2011, 47, 2671-2677.	5.0	394
156	An improved training algorithm for feedforward neural network learning based on terminal attractors. Journal of Global Optimization, 2011, 51, 271-284.	1.8	7
157	Classification of microarray datasets using finite impulse response extreme learning machine for cancer diagnosis. , 2011, , .		5
158	A finite-time stability theorem of stochastic nonlinear systems and stabilization designs. , 2011, , .		6
159	A new sliding mode-based learning control scheme. , 2011, , .		11
160	A modified ELM algorithm for single-hidden layer feedforward neural networks with linear nodes. , 2011, , .		11
161	Adaptive data based neural network leader-follower control of multi-agent networks. , 2011, , .		1
162	A New Design of Sliding Mode Control Systems. Lecture Notes in Control and Information Sciences, 2011, , 151-167.	1.0	5

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163	Composite Video Noise Modelling and Suppressing. , 2011, , .		0
164	Modeling of Surveillance Video Noise. , 2011, , .		1
165	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
166	Terminal sliding mode observers for a class of nonlinear systems. Automatica, 2010, 46, 1401-1404.	5.0	139
167	Navigation of four-wheel-steering mobile robots using robust fault-tolerant sliding mode control. , 2010, , .		0
168	Leader-follower consensus control of a class of nonholonomic systems. , 2010, , .		5
169	Nonlinear image restoration using recurrent radial basis function network. , 2010, , .		0
170	Fast finite-time consensus of a class of high-order uncertain nonlinear systems. , 2010, , .		14
171	A Unified Flow Control Approach for QoS Balance in Differentiated Services. , 2010, , .		0
172	A class of modified variable step-size NLMS algorithms for system identification. , 2009, , .		1
173	Observer-based robust finite-time cooperative consensus control for multi-agent networks. , 2009, , .		9
174	Feedback Control of T-S Fuzzy Systems Based on LTV System Theory. International Journal of Electrical Engineering and Education, 2009, 46, 47-58.	0.8	2
175	Variable step-size LMS algorithm with a quotient form. Signal Processing, 2009, 89, 67-76.	3.7	53
176	A generalized data windowing scheme for adaptive conjugate gradient algorithms. Signal Processing, 2009, 89, 894-900.	3.7	7
177	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
178	Integral terminal sliding mode cooperative control of multi-robot networks. , 2009, , .		20
179	On improving the conditioning of extreme learning machine: A linear case. , 2009, , .		38
180	Robust Finite-Time Consensus Tracking Algorithm for Multirobot Systems. IEEE/ASME Transactions on Mechatronics, 2009, 14, 219-228.	5.8	735

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181	Comments on "Adaptive multiple-surface sliding control for non-autonomous systems with mismatched uncertainties". Automatica, 2008, 44, 2995-2998.	5.0	21
182	Finite-time consensus algorithm of multi-agent networks. , 2008, , .		13
183	A new terminal sliding mode tracking control for a class of nonminimum phase systems with uncertain dynamics. , 2008, , .		7
184	On singularity free recursive fast terminal sliding mode control. , 2008, , .		9
185	A new stability criterion and its application on process control systems with time-delay. , 2008, , .		3
186	Semi-Markov Modeling for Bandwidth Sharing of TCP Connections with Asymmetric AIMD Congestion Control. , 2007, , .		2
187	Queue Dynamics Analysis of TCP Veno with RED. , 2007, , .		2
188	A New Adaptive Backpropagation Algorithm Based on Lyapunov Stability Theory for Neural Networks. IEEE Transactions on Neural Networks, 2006, 17, 1580-1591.	4.2	100
189	Continuous finite-time control for robotic manipulators with terminal sliding mode. Automatica, 2005, 41, 1957-1964.	5.0	2,178
190	A fuzzy neural network approximator with fast terminal sliding mode and its applications. Fuzzy Sets and Systems, 2004, 148, 469-486.	2.7	57
191	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
192	Variable Structure Systems with Terminal Sliding Modes. , 2002, , 109-127.		17
193	A new output regulation using sliding-mode technique for a class of SISO linear time-varying systems. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2002, 49, 1880-1884.	0.1	2
194	Non-singular terminal sliding mode control of rigid manipulators. Automatica, 2002, 38, 2159-2167.	5.0	1,882
195	Fuzzy modelling and tracking control of nonlinear systems. Mathematical and Computer Modelling, 2001, 33, 759-770.	2.0	25
196	TRACKING PRECISION ANALYSIS OF TERMINAL SLIDING MODE CONTROL SYSTEMS WITH SATURATION FUNCTIONS. , 2000, , .		7
197	ROBUST TERMINAL SLIDING MODE CONTROL OF A FLEXIBLE ROBOT ARM. , 2000, , .		1
198	A NEW CONCURRENT ALGORITHM FOR ADAPTIVE FILTERING IN PARALLEL SIGNAL PROCESSING. , 2000, , .		0

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199	A NEW COMPUTATION EFFICIENT ADAPTIVE ALGORITHM FOR PARALLEL-CASCADE TRUNCATED VOLTERRA SYSTEM. , 2000, , .		0
200	Terminal sliding mode control design for uncertain dynamic systems. Systems and Control Letters, 1998, 34, 281-287.	2.3	476
201	Design of fuzzy sliding-mode control systems. Fuzzy Sets and Systems, 1998, 95, 295-306.	2.7	142
202	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
203	Model reference adaptive control systems with terminal sliding modes. International Journal of Control, 1996, 64, 1165-1176.	1.9	208
204	Lyapunov stability-based adaptive backpropagation for discrete time system. , 0, , .		5
205	A new fuzzy sliding mode control scheme. , 0, , .		7
206	Non-singular terminal sliding mode control and its application for robot manipulators. , 0, , .		21
207	Adaptive fast terminal sliding mode tracking control of robotic manipulator. , 0, , .		17
208	A fuzzy neural network approximator with fast terminal sliding mode and its applications. , 0, , .		0
209	A new dynamical fuzzy modeling and control for SISO complex systems. , 0, , .		0