

# Long Cheng

## List of Publications by Year in descending order

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162  
papers

6,809  
citations

53751

45  
h-index

66879

78  
g-index

162  
all docs

162  
docs citations

162  
times ranked

3807  
citing authors

#	ARTICLE	IF	CITATIONS
1	A fuzzy model predictive controller for stick-slip type piezoelectric actuators. <i>Optimal Control Applications and Methods</i> , 2023, 44, 1058-1073.	1.3	4
2	Distributed Dynamic Event-Triggered Control for Euler-Lagrange Multiagent Systems With Parametric Uncertainties. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 1272-1284.	6.2	11
3	Neuro-Optimal Trajectory Tracking With Value Iteration of Discrete-Time Nonlinear Dynamics. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 4237-4248.	7.2	12
4	Intentional Blocking Based Photoelectric Soft Pressure Sensor with High Sensitivity and Stability. <i>Soft Robotics</i> , 2023, 10, 205-216.	4.6	13
5	Autonomous Skill Learning of Water Polo Ball Heading for a Robotic Fish: Curriculum and Verification. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2023, 15, 865-876.	2.6	2
6	Development and Motion Control of Biomimetic Underwater Robots: A Survey. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 833-844.	5.9	48
7	An Approximate Neuro-Optimal Solution of Discounted Guaranteed Cost Control Design. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 77-86.	6.2	78
8	Self-Learning Robust Control Synthesis and Trajectory Tracking of Uncertain Dynamics. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 278-286.	6.2	19
9	Target Tracking Control of a Biomimetic Underwater Vehicle Through Deep Reinforcement Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022, 33, 3741-3752.	7.2	22
10	Adaptive-Constrained Impedance Control for Human-Robot Co-Transportation. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 13237-13249.	6.2	74
11	FSD-SLAM: a fast semi-direct SLAM algorithm. <i>Complex &amp; Intelligent Systems</i> , 2022, 8, 1823-1834.	4.0	11
12	Design, manipulability analysis and optimization of an index finger exoskeleton for stroke rehabilitation. <i>Mechanism and Machine Theory</i> , 2022, 167, 104526.	2.7	31
13	Design and Locomotion Control of a Dactylopteridae-Inspired Biomimetic Underwater Vehicle With Hybrid Propulsion. <i>IEEE Transactions on Automation Science and Engineering</i> , 2022, 19, 2054-2066.	3.4	18
14	Fugl-Meyer hand motor imagination recognition for brain-computer interfaces using only fNIRS. <i>Complex &amp; Intelligent Systems</i> , 2022, 8, 731-741.	4.0	5
15	A speed measurement method for underwater robots using an artificial lateral line sensor. <i>Smart Materials and Structures</i> , 2022, 31, 015011.	1.8	2
16	Development and Stiffness Optimization for a Flexible-Tail Robotic Fish. <i>IEEE Robotics and Automation Letters</i> , 2022, 7, 834-841.	3.3	11
17	Design and Control of an Underactuated Finger Exoskeleton for Assisting Activities of Daily Living. <i>IEEE/ASME Transactions on Mechatronics</i> , 2022, 27, 2699-2709.	3.7	13
18	Relentless False Data Injection Attacks Against Kalman-Filter-Based Detection in Smart Grid. <i>IEEE Transactions on Control of Network Systems</i> , 2022, 9, 1238-1250.	2.4	12

#	ARTICLE	IF	CITATIONS
19	Learning Accurate and Stable Point-to-Point Motions: A Dynamic System Approach. IEEE Robotics and Automation Letters, 2022, 7, 1510-1517.	3.3	9
20	Design and Hysteresis Modeling of a Miniaturized Elastomer-Based Clutched Torque Sensor. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-9.	2.4	6
21	Containment control with input and velocity constraints. Automatica, 2022, 142, 110417.	3.0	10
22	Development of an Untethered Adaptive Thumb Exoskeleton for Delicate Rehabilitation Assistance. IEEE Transactions on Robotics, 2022, 38, 3514-3529.	7.3	22
23	A Multimodal Fusion Model for Estimating Human Hand Force: Comparing surface electromyography and ultrasound signals. IEEE Robotics and Automation Magazine, 2022, 29, 10-24.	2.2	7
24	Prediction-Based Seabed Terrain Following Control for an Underwater Vehicle-Manipulator System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4751-4760.	5.9	17
25	Neural Control of Robot Manipulators With Trajectory Tracking Constraints and Input Saturation. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 4231-4242.	7.2	136
26	A Rapid Spiking Neural Network Approach With an Application on Hand Gesture Recognition. IEEE Transactions on Cognitive and Developmental Systems, 2021, 13, 151-161.	2.6	39
27	Real-Time Underwater Onboard Vision Sensing System for Robotic Gripping. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	2.4	21
28	Active Disturbance Rejection Control for a Fluid-Driven Hand Rehabilitation Device. IEEE/ASME Transactions on Mechatronics, 2021, 26, 841-853.	3.7	27
29	An Automatic Rehabilitation Assessment System for Hand Function Based on Leap Motion and Ensemble Learning. Cybernetics and Systems, 2021, 52, 3-25.	1.6	16
30	Stability-Guaranteed Variable Impedance Control of Robots Based on Approximate Dynamic Inversion. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4193-4200.	5.9	30
31	Force Sensorless Admittance Control for Teleoperation of Uncertain Robot Manipulator Using Neural Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3282-3292.	5.9	95
32	An Effective Microscopic Detection Method for Automated Silicon-Substrate Ultra-microtome (ASUM). Neural Processing Letters, 2021, 53, 1723-1740.	2.0	6
33	Composite Learning Enhanced Neural Control for Robot Manipulator With Output Error Constraints. IEEE Transactions on Industrial Informatics, 2021, 17, 209-218.	7.2	107
34	A Transfer Learning Model for Gesture Recognition Based on the Deep Features Extracted by CNN. IEEE Transactions on Artificial Intelligence, 2021, 2, 447-458.	3.4	36
35	Automated Silicon-Substrate Ultra-Microtome for Automating the Collection of Brain Sections in Array Tomography. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 389-401.	8.5	4
36	An Ultra-Stretchable and Highly Sensitive Photoelectric Effect-Based Strain Sensor: Implementation and Applications. IEEE Sensors Journal, 2021, 21, 4365-4376.	2.4	16

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37	Adaptive Takagi-Sugeno Fuzzy Model for Pneumatic Artificial Muscles. , 2021, , .		2
38	Novel sliding-mode disturbance observer-based tracking control with applications to robot manipulators. Science China Information Sciences, 2021, 64, 1.	2.7	16
39	A real-time tracking controller for piezoelectric actuators based on reinforcement learning and inverse compensation. Sustainable Cities and Society, 2021, 69, 102822.	5.1	9
40	UCAS-Hand: An Underactuated Powered Hand Exoskeleton for Assisting Grasping Task. , 2021, , .		3
41	Adaptive Takagi-Sugeno fuzzy model and model predictive control of pneumatic artificial muscles. Science China Technological Sciences, 2021, 64, 2272-2280.	2.0	17
42	Design and Validation of a Self-Aligning Index Finger Exoskeleton for Post-Stroke Rehabilitation. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 1513-1523.	2.7	32
43	Iterative assist-as-needed control with interaction factor for rehabilitation robots. Science China Technological Sciences, 2021, 64, 836-846.	2.0	11
44	Snoring detection based on a stretchable strain sensor. Science China Information Sciences, 2021, 64, 1.	2.7	9
45	A neural network-based model predictive controller for displacement tracking of piezoelectric actuator with feedback delays. International Journal of Advanced Robotic Systems, 2021, 18, 172988142110576.	1.3	4
46	Finite-time sliding mode control for UVMS via T-S fuzzy approach. Discrete and Continuous Dynamical Systems - Series S, 2021, .	0.6	1
47	Stealthy False Data Injection Attacks against Extended Kalman Filter Detection in Power Grids. , 2021, , .		2
48	A Convolutional Neural Network With Multi-scale Kernel and Feature Fusion for sEMG-based Gesture Recognition. , 2021, , .		2
49	Composite Learning Enhanced Robot Impedance Control. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1052-1059.	7.2	52
50	Exponential Finite-Time Consensus of Fractional-Order Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1549-1558.	5.9	68
51	Uncertainty and Disturbance Estimator-Based Control of a Flapping-Wing Aerial Vehicle With Unknown Backlash-Like Hysteresis. IEEE Transactions on Industrial Electronics, 2020, 67, 4826-4835.	5.2	21
52	Semiglobal exponential control of Euler-Lagrange systems using a sliding-mode disturbance observer. Automatica, 2020, 112, 108677.	3.0	47
53	Learning impedance control of robots with enhanced transient and steady-state control performances. Science China Information Sciences, 2020, 63, 1.	2.7	13
54	Design and Control of an Index Finger Exoskeleton with Cable-Driven Translational Joints. , 2020, , .		5

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55	A Fast Compression Algorithm Based on the Variable Block for 3D Point Cloud Data. , 2020, , .		0
56	RNN for Perturbed Manipulability Optimization of Manipulators Based on a Distributed Scheme: A Game-Theoretic Perspective. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 5116-5126.	7.2	63
57	An Adaptive Fuzzy Predictive Controller with Hysteresis Compensation for Piezoelectric Actuators. Cognitive Computation, 2020, 12, 736-747.	3.6	7
58	Group Consensus for Euler-Lagrange Multi-Agent Systems with Dynamic Event-Triggered Control. , 2020, , .		1
59	Micro-displacement Amplifying Mechanism of a Piezoelectric Single Crystal Actuator and Its Motion Characterization. , 2020, , .		0
60	Energy Based Optimal Dynamic Stealth False Data Injection Attacks on the Smart Grid. , 2020, , .		0
61	Data-Driven Hydrodynamic Modeling for a Flippers-Driven Underwater Vehicle-Manipulator System. , 2020, , .		3
62	Finite-Time Convergence Adaptive Fuzzy Control for Dual-Arm Robot With Unknown Kinematics and Dynamics. IEEE Transactions on Fuzzy Systems, 2019, 27, 574-588.	6.5	220
63	Neural Networks Enhanced Adaptive Admittance Control of Optimized Robotâ€™Environment Interaction. IEEE Transactions on Cybernetics, 2019, 49, 2568-2579.	6.2	144
64	A Composite Controller for Piezoelectric Actuators Based on Action Dependent Dual Heuristic Programming and Model Predictive Control. Lecture Notes in Computer Science, 2019, , 245-256.	1.0	0
65	Robot Teleoperation System Based on Mixed Reality. , 2019, , .		12
66	Piezoelectric Single Crystal-based Nano-scale Actuator and Its Amplifying Mechanism. , 2019, , .		2
67	Asymmetric Bounded Neural Control for an Uncertain Robot by State Feedback and Output Feedback. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-12.	5.9	84
68	Analysis of Opinion Dynamics in Social Networks Subject to Time-Varying Topologies. , 2019, , .		0
69	Dual Arm Cooperation Based on Visual Servo Control. , 2019, , .		0
70	Design and Validation of an Asymmetric Bowden-Cable-Driven Series Elastic Actuator. , 2019, , .		1
71	Mirror-Training of a Cable- Driven Hand Rehabilitation Robot Based on Surface Electromyography (sEMG). , 2019, , .		2
72	A Measuring Method for Nano Displacement Based on Fusing Data of Self-Sensing and Time-Digit-Conversion. IEEE Access, 2019, 7, 183070-183080.	2.6	2

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73	Adaptive Neural Admittance Control for Collision Avoidance in Human-Robot Collaborative Tasks. , 2019, , .		2
74	Sampled-Data Based Mean Square Bipartite Consensus of Double-Integrator Multi-Agent Systems with Measurement Noises. Lecture Notes in Electrical Engineering, 2019, , 339-349.	0.3	1
75	Time-Optimal Trajectory Planning for Delta Robot Based on Quintic Pythagorean-Hodograph Curves. IEEE Access, 2018, 6, 28530-28539.	2.6	47
76	A Neural-Network-Based Controller for Piezoelectric-Actuated Stickâ€“Slip Devices. IEEE Transactions on Industrial Electronics, 2018, 65, 2598-2607.	5.2	95
77	A Fusion Measurement Method Based on Kalman Filter with Improved State Block and Neural Network for Nanometer Displacement. , 2018, , .		1
78	A Virtual Reality based Training and Assessment System for Hand Rehabilitation. , 2018, , .		8
79	Design and Control of a Wearable Hand Rehabilitation Robot. IEEE Access, 2018, 6, 74039-74050.	2.6	50
80	A Projection-Based Algorithm for Constrained $L_1$ - Minimization Optimization with Application to Sparse Signal Reconstruction. , 2018, , .		5
81	Brain Slices Microscopic Detection Using Simplified SSD with Cycle-GAN Data Augmentation. Lecture Notes in Computer Science, 2018, , 454-463.	1.0	5
82	Correction to: Neural Information Processing. Lecture Notes in Computer Science, 2018, , C1-C1.	1.0	1
83	Neural-Learning-Based Telerobot Control With Guaranteed Performance. IEEE Transactions on Cybernetics, 2017, 47, 3148-3159.	6.2	259
84	An Adaptive Takagiâ€“Sugeno Fuzzy Model-Based Predictive Controller for Piezoelectric Actuators. IEEE Transactions on Industrial Electronics, 2017, 64, 3048-3058.	5.2	100
85	Leader-following consensus of multi-agent systems with dynamic leader and measurement noises. , 2017, , .		3
86	Preliminary study on the design and control of a pneumatically-actuated hand rehabilitation device. , 2017, , .		15
87	Development of a power line inspection robot with hybrid operation modes. , 2017, , .		40
88	Hand gesture recognition using MYO armband. , 2017, , .		24
89	Set-Valued System Identification Methods in Retrospective Cohort Study and Applications to GWAS. IFAC-PapersOnLine, 2017, 50, 1583-1588.	0.5	1
90	Task-space adaptive dynamic modularity control of free-floating space manipulators. , 2017, , .		2

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91	Automated Axis Alignment for a Nanomanipulator inside SEM and Its Error Optimization. Scanning, 2017, 2017, 1-8.	0.7	0
92	A neural network based modeling approach for a piezoelectric-actuated stick-slip positioning device. , 2017, , .		1
93	Towards Robot-Assisted Post-Stroke Hand Rehabilitation: Fugl-Meyer Gesture Recognition Using sEMG. , 2017, , .		9
94	A Composite Controller for Piezoelectric Actuators with Model Predictive Control and Hysteresis Compensation. Communications in Computer and Information Science, 2017, , 740-750.	0.4	2
95	Distributed Tracking Control of Uncertain Multiple Manipulators Under Switching Topologies Using Neural Networks. Lecture Notes in Computer Science, 2016, , 233-241.	1.0	4
96	Learning Time-optimal Anti-swing Trajectories for Overhead Crane Systems. Lecture Notes in Computer Science, 2016, , 338-345.	1.0	5
97	Convergence rate of leader-following consensus of networks of discrete-time linear agents in noisy environments. , 2016, , .		2
98	Teleoperation control of Baxter robot based on human motion capture. , 2016, , .		3
99	Toward Patientsâ€™ Motion Intention Recognition: Dynamics Modeling and Identification of iLegâ€™ An LLRR Under Motion Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 980-992.	5.9	35
100	Neural-network based model predictive control for piezoelectric-actuated stick-slip micro-positioning devices. , 2016, , .		7
101	Neural learning enhanced teleoperation control of robots with uncertainties. , 2016, , .		1
102	An active disturbance rejection controller with hysteresis compensation for piezoelectric actuators. , 2016, , .		9
103	&lt;i>iLeg&lt;/i>â€™ A Lower Limb Rehabilitation Robot: A Proof of Concept. IEEE Transactions on Human-Machine Systems, 2016, 46, 761-768.	2.5	48
104	Design and dynamic analysis for Amoeba-like robot's turning-mechanism applied with spring and damp system. , 2016, , .		0
105	Reaching a stochastic consensus in the noisy networks of linear MIMO agents: Dynamic output-feedback and convergence rate. Science China Technological Sciences, 2016, 59, 45-54.	2.0	4
106	Containment Control of Multiagent Systems With Dynamic Leaders Based on a $SP\{n\}$ -Type Approach. IEEE Transactions on Cybernetics, 2016, 46, 3004-3017.	6.2	131
107	On Convergence Rate of Leader-Following Consensus of Linear Multi-Agent Systems With Communication Noises. IEEE Transactions on Automatic Control, 2016, 61, 3586-3592.	3.6	115
108	Optimal Formation of Multirobot Systems Based on a Recurrent Neural Network. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 322-333.	7.2	88

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109	Reaching a consensus in networks of high-order integral agents under switching directed topologies. <i>International Journal of Systems Science</i> , 2016, 47, 1966-1981.	3.7	62
110	An inversion-free model predictive control with error compensation for piezoelectric actuators. , 2015, , .		9
111	An inversion-free fuzzy predictive control for piezoelectric actuators. , 2015, , .		7
112	Shared control for teleoperation enhanced by autonomous obstacle avoidance of robot manipulator. , 2015, , .		23
113	Coordinated transportation of a group of unmanned ground vehicles. , 2015, , .		8
114	An Inversion-free Predictive Controller for Piezoelectric Actuators Based on A Dynamic Linearized Neural Network Model. <i>IEEE/ASME Transactions on Mechatronics</i> , 2015, , 1-1.	3.7	53
115	Spiking neural network-based target tracking control for autonomous mobile robots. <i>Neural Computing and Applications</i> , 2015, 26, 1839-1847.	3.2	39
116	Consensus seeking in a network of discrete-time linear agents with communication noises. <i>International Journal of Systems Science</i> , 2015, 46, 1874-1888.	3.7	42
117	Containment control of continuous-time linear multi-agent systems with aperiodic sampling. <i>Automatica</i> , 2015, 57, 78-84.	3.0	134
118	Neural-Network-Based Nonlinear Model Predictive Control for Piezoelectric Actuators. <i>IEEE Transactions on Industrial Electronics</i> , 2015, 62, 7717-7727.	5.2	213
119	Leader-following consensus of discrete-time linear multi-agent systems with communication noises. , 2015, , .		7
120	Distributed exponential finite-time coordination of multi-agent systems: containment control and consensus. <i>International Journal of Control</i> , 2015, 88, 237-247.	1.2	64
121	Seeking Consensus in Networks of Linear Agents: Communication Noises and Markovian Switching Topologies. <i>IEEE Transactions on Automatic Control</i> , 2015, 60, 1374-1379.	3.6	129
122	Second-order consensus of networked mechanical systems with communication delays. , 2014, , .		7
123	Dynamic behavior analysis on SISO multi-agent systems in a noisy environment. , 2014, , .		1
124	Polynomial trajectory tracking of networked Euler-Lagrange systems. , 2014, , .		8
125	Containment control of double-integrator multi-agent systems with aperiodic sampling: A small-gain theorem based method. , 2014, , .		8
126	Containment control of general linear multi-agent systems with multiple dynamic leaders: A fast sliding mode based approach. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2014, 1, 134-140.	8.5	22



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127	A Mean Square Consensus Protocol for Linear Multi-Agent Systems With Communication Noises and Fixed Topologies. IEEE Transactions on Automatic Control, 2014, 59, 261-267.	3.6	192
128	Stochastic consensus of linear multi-agent systems: Communication noises and Markovian switching topologies. , 2014, , .		7
129	Containment control of multi-agent systems in a noisy communication environment. Automatica, 2014, 50, 1922-1928.	3.0	119
130	Leader-Following Output Consensus in a Network of Linear Agents with Communication Noises. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 1825-1830.	0.4	5
131	Sampled-data based average consensus of second-order integral multi-agent systems: Switching topologies and communication noises. Automatica, 2013, 49, 1458-1464.	3.0	155
132	Necessary and sufficient conditions for solving leader-following problem of multi-agent systems with communication noises. , 2013, , .		14
133	An enhanced dual-finger robotic Hand for Catheter manipulating in vascular intervention: A preliminary study. , 2013, , .		21
134	A Distributed Hunting Approach for Multiple Autonomous Robots. International Journal of Advanced Robotic Systems, 2013, 10, 217.	1.3	9
135	A sampled-data based average consensus protocol for double-integrator multi-agent systems with switching topologies and communication noises. , 2012, , .		1
136	Swimming locomotion modeling for biomimetic underwater vehicle with two undulating long-fins. Robotica, 2012, 30, 913-923.	1.3	18
137	Tracking Control of a Closed-Chain Five-Bar Robot With Two Degrees of Freedom by Integration of an Approximation-Based Approach and Mechanical Design. IEEE Transactions on Systems, Man, and Cybernetics, 2012, 42, 1470-1479.	5.5	74
138	Integrated Design of Machine Body and Control Algorithm for Improving the Robustness of a Closed-Chain Five-Bar Machine. IEEE/ASME Transactions on Mechatronics, 2012, 17, 587-591.	3.7	29
139	Necessary and Sufficient Conditions for Consensus of Double-Integrator Multi-Agent Systems With Measurement Noises. IEEE Transactions on Automatic Control, 2011, 56, 1958-1963.	3.6	206
140	Adaptive Tracking Control of Hybrid Machines: A Closed-Chain Five-Bar Mechanism Case. IEEE/ASME Transactions on Mechatronics, 2011, 16, 1155-1163.	3.7	50
141	Solving a modified consensus problem of linear multi-agent systems. Automatica, 2011, 47, 2218-2223.	3.0	89
142	Recurrent Neural Network for Non-Smooth Convex Optimization Problems With Application to the Identification of Genetic Regulatory Networks. IEEE Transactions on Neural Networks, 2011, 22, 714-726.	4.8	192
143	Neural-Network-Based Adaptive Leader-Following Control for Multiagent Systems With Uncertainties. IEEE Transactions on Neural Networks, 2010, 21, 1351-1358.	4.8	309
144	Multicriteria Optimization for Coordination of Redundant Robots Using a Dual Neural Network. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 1075-1087.	5.5	93

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145	Adaptive neural network control of a 5 DOF robot manipulator. , 2010, , .		2
146	Distributed Adaptive Coordinated Control of Multi-Manipulator Systems Using Neural Networks. Advanced Information and Knowledge Processing, 2010, , 49-69.	0.2	18
147	Solving convex optimization problems using recurrent neural networks in finite time. , 2009, , .		14
148	Solving linear variational inequalities by projection neural network with time-varying delays. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 1739-1743.	0.9	19
149	A Simplified Neural Network for Linear Matrix Inequality Problems. Neural Processing Letters, 2009, 29, 213-230.	2.0	18
150	Adaptive neural network tracking control for manipulators with uncertain kinematics, dynamics and actuator model. Automatica, 2009, 45, 2312-2318.	3.0	219
151	Adaptive Control of an Electrically Driven Nonholonomic Mobile Robot via Backstepping and Fuzzy Approach. IEEE Transactions on Control Systems Technology, 2009, 17, 803-815.	3.2	202
152	A Delayed Projection Neural Network for Solving Linear Variational Inequalities. IEEE Transactions on Neural Networks, 2009, 20, 915-925.	4.8	54
153	Decentralized Robust Adaptive Control for the Multiagent System Consensus Problem Using Neural Networks. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 636-647.	5.5	539
154	A behavior controller based on spiking neural networks for mobile robots. Neurocomputing, 2008, 71, 655-666.	3.5	68
155	Decentralized adaptive consensus control for multi-manipulator system with uncertain dynamics. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	35
156	Multi-Agent Based Adaptive Consensus Control for Multiple Manipulators with Kinematic Uncertainties. , 2008, , .		50
157	A Neutral-Type Delayed Projection Neural Network for Solving Nonlinear Variational Inequalities. IEEE Transactions on Circuits and Systems II: Express Briefs, 2008, 55, 806-810.	2.2	81
158	Adaptive neural network tracking control of manipulators using quaternion feedback. , 2008, , .		8
159	Adaptive Neural Network Tracking Control for Manipulators with Uncertainties. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 2382-2387.	0.4	2
160	A Recurrent Neural Network for Hierarchical Control of Interconnected Dynamic Systems. IEEE Transactions on Neural Networks, 2007, 18, 466-481.	4.8	56
161	Constrained multi-variable generalized predictive control using a dual neural network. Neural Computing and Applications, 2007, 16, 505-512.	3.2	37
162	Consistent Extended Kalman Filter Design for Maneuvering Target Tracking and Its Application on Hand Position Tracking. Research on World Agricultural Economy, 0, , .	0.8	0