

Tong Heng Lee

List of Publications by Year in descending order

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187
papers

3,771
citations

147566

31
h-index

155451

55
g-index

196
all docs

196
docs citations

196
times ranked

2713
citing authors

#	ARTICLE	IF	CITATIONS
1	Notice of Violation of IEEE Publication Principles: Sequential Convex Programming for Collaboration of Connected and Automated Vehicles. IEEE Transactions on Intelligent Vehicles, 2024, , 1-1.	9.4	2
2	Barrier Lyapunov Function-Based Safe Reinforcement Learning for Autonomous Vehicles With Optimized Backstepping. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 2066-2080.	7.2	4
3	Hybrid Activeâ€“Passive Robust Control Framework of a Flexure-Joint Dual-Drive Gantry Robot for High-Precision Contouring Tasks. IEEE Transactions on Industrial Electronics, 2023, 70, 1676-1686.	5.2	2
4	Local Learning Enabled Iterative Linear Quadratic Regulator for Constrained Trajectory Planning. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 5354-5365.	7.2	5
5	Infinite-Horizon Optimal Control of Switched Boolean Control Networks With Average Cost: An Efficient Graph-Theoretical Approach. IEEE Transactions on Cybernetics, 2022, 52, 2314-2328.	6.2	16
6	Learning Asynchronous Boolean Networks From Single-Cell Data Using Multiobjective Cooperative Genetic Programming. IEEE Transactions on Cybernetics, 2022, 52, 2916-2930.	6.2	5
7	Finite-Horizon Optimal Control of Boolean Control Networks: A Unified Graph-Theoretical Approach. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 157-171.	7.2	9
8	On Robust Stability and Performance With a Fixed-Order Controller Design for Uncertain Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3453-3465.	5.9	12
9	Global Iterative Sliding Mode Control of an Industrial Biaxial Gantry System for Contouring Motion Tasks. IEEE/ASME Transactions on Mechatronics, 2022, 27, 1617-1628.	3.7	17
10	Simultaneous Arrival to Origin Convergence: Sliding-Mode Control Through the Norm-Normalized Sign Function. IEEE Transactions on Automatic Control, 2022, 67, 1966-1972.	3.6	46
11	On Time-Synchronized Stability and Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2450-2463.	5.9	72
12	Adaptive Robust Impedance Control for an Ear Surgical Device With Soft Interaction. IEEE/ASME Transactions on Mechatronics, 2022, 27, 1784-1795.	3.7	2
13	Convex Parameterization and Optimization for Robust Tracking of a Magnetically Levitated Planar Positioning System. IEEE Transactions on Industrial Electronics, 2022, 69, 3798-3809.	5.2	11
14	Convex Inner Approximation for Mixed H_2/H_∞ Control With Application to a 2-DoF Flexure-Based Nanopositioning System. IEEE Transactions on Industrial Electronics, 2022, 69, 1586-1596.	5.2	8
15	Semi-Definite Relaxation-Based ADMM for Cooperative Planning and Control of Connected Autonomous Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 9240-9251.	4.7	16
16	Online Optimal Power Scheduling of a Microgrid via Imitation Learning. IEEE Transactions on Smart Grid, 2022, 13, 861-876.	6.2	29
17	Time-Synchronized Control: Analysis and Design. , 2022, , .		3
18	Time-Synchronized Control for Disturbed Systems. , 2022, , 61-99.		3

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19	Precision Force Tracking Control of a Surgical Device Interacting With a Deformable Membrane. IEEE/ASME Transactions on Mechatronics, 2022, 27, 5327-5338.	3.7	4
20	Iterative Super-Twisting Sliding Mode Control for Tray Indexing System With Unknown Dynamics. IEEE Transactions on Industrial Electronics, 2021, 68, 9855-9865.	5.2	20
21	Set Invariance and Optimal Set Stabilization of Boolean Control Networks: A Graphical Approach. IEEE Transactions on Control of Network Systems, 2021, 8, 400-412.	2.4	7
22	Fixed-Time-Synchronized Consensus Control of Multiagent Systems. IEEE Transactions on Control of Network Systems, 2021, 8, 89-98.	2.4	103
23	Generalized Iterative Super-Twisting Sliding Mode Control: A Case Study on Flexure-Joint Dual-Drive H-Gantry Stage. , 2021, , .		3
24	Trajectory Generation by Chance-Constrained Nonlinear MPC With Probabilistic Prediction. IEEE Transactions on Cybernetics, 2021, 51, 3616-3629.	6.2	21
25	Unsupervised Cross-Domain Fault Diagnosis Using Feature Representation Alignment Networks for Rotating Machinery. IEEE/ASME Transactions on Mechatronics, 2021, 26, 2770-2781.	3.7	35
26	Optimal Decentralized Control for Uncertain Systems by Symmetric Gaussâ€“Seidel Semi-Proximal ALM. IEEE Transactions on Automatic Control, 2021, 66, 5554-5560.	3.6	25
27	Multi-Agent Cooperative Pursuit-Evasion Control Using Gene Expression Programming. , 2021, , .		1
28	Adaptive Iterative Sliding Mode Control: Development, Synthesis, and Application of a Flexure-Joint Biaxial Gantry Stage. , 2021, , .		0
29	Robust Control of a Two-Degree-of-Freedom Flexure-Based Nanopositioner for Planar Scanning Tasks. , 2021, , .		0
30	Cooperative Circumnavigation Control of Networked Microsatellites. IEEE Transactions on Cybernetics, 2020, 50, 4550-4555.	6.2	29
31	Iterative Super-Twisting Sliding Mode Control: A Case Study on Tray Indexing. , 2020, , .		3
32	Data-Driven Multiobjective Controller Optimization for a Magnetically Levitated Nanopositioning System. IEEE/ASME Transactions on Mechatronics, 2020, 25, 1961-1970.	3.7	32
33	Semi-Proximal ADMM for Model Predictive Control Problem with Application to a UAV System. , 2020, , .		5
34	A Collision-Free Framework for Navigation of Nonholonomic Vehicle Systems. , 2020, , .		1
35	Learning-Based Controller Optimization for Repetitive Robotic Tasks. , 2020, , .		0
36	Fault Estimation and Fault-Tolerant Steering Law for Single Gimbal Control Moment Gyro Systems. , 2019, , .		0

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37	Disturbance Compensation by Reference Profile Alteration With Application to Tray Indexing. IEEE Transactions on Industrial Electronics, 2019, 66, 9406-9416.	5.2	10
38	HLT*: Real-time and Any-angle Path Planning in 3D Environment. , 2019, , .		5
39	Data-Driven Tuning Method for LQR Based Optimal PID Controller. , 2019, , .		2
40	Autonomous task planning and acting for micro aerial vehicles. , 2019, , .		11
41	Data-driven identification and control of nonlinear systems using multiple NARMA-L2 models. International Journal of Robust and Nonlinear Control, 2018, 28, 3806-3833.	2.1	12
42	GPS/odometry/map fusion for vehicle positioning using potential function. Autonomous Robots, 2018, 42, 99-110.	3.2	6
43	Role playing learning for socially concomitant mobile robot navigation. CAAI Transactions on Intelligence Technology, 2018, 3, 49-58.	3.4	30
44	Efficient Boolean Modeling of Gene Regulatory Networks via Random Forest Based Feature Selection and Best-Fit Extension. , 2018, , .		9
45	Teaching of Automation and Control Engineering Practice - A Case Study. , 2018, , .		1
46	Human vision inspired multi-scale line segments merging and filtering. , 2018, , .		1
47	Geometric Map-Assisted Localization for Mobile Robots Based on Uniform-Gaussian Distribution. IEEE Robotics and Automation Letters, 2017, 2, 789-795.	3.3	13
48	Adaptive Control of Robotic Manipulators With Unified Motion Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 184-194.	5.9	56
49	Set-point alteration scheme for improved disturbance compensation. , 2017, , .		1
50	Adaptive control for robot navigation in human environments based on social force model. , 2016, , .		10
51	Long-term cooperative tracking using multiple unmanned aerial vehicles. , 2016, , .		1
52	Biologically inspired lighting invariant facial identity recognition. , 2015, , .		0
53	Wide area surveillance of urban environments using multiple Mini-VTOL UAVs. , 2015, , .		6
54	Coupling Lyapunov functions approach for quantum control. , 2015, , .		3

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55	Integrated servo-mechanical design using Nyquist plots for chance-constrained robust mechatronics. , 2015, , .		2
56	Integrated Servo-Mechanical Design of Robust Mechatronics Based on Ambiguous Chance Constraints. IEEE Transactions on Control Systems Technology, 2015, 23, 2449-2456.	3.2	5
57	Power-Efficient Interrupt-Driven Algorithms for Fall Detection and Classification of Activities of Daily Living. IEEE Sensors Journal, 2015, 15, 1377-1387.	2.4	48
58	Real-time shape classification using biologically inspired invariant features. , 2014, , .		0
59	Systematic Design and Implementation of a Micro Unmanned Quadrotor System. Unmanned Systems, 2014, 02, 121-141.	2.7	31
60	Multirate-Based Composite Controller Design of Piezoelectric Actuators for High-Bandwidth and Precision Tracking. IEEE Transactions on Control Systems Technology, 2014, 22, 816-821.	3.2	8
61	Explicit model identification and control of a micro aerial vehicle. , 2014, , .		5
62	On computation of stabilizing loop gain and delay ranges for bi-proper delay systems. ISA Transactions, 2014, 53, 1705-1715.	3.1	5
63	Frequency-domain L ₂ -stability conditions for time-varying linear and nonlinear MIMO systems. Control Theory and Technology, 2014, 12, 13-34.	1.0	5
64	Design and Implementation of Integral Sliding-Mode Control on an Underactuated Two-Wheeled Mobile Robot. IEEE Transactions on Industrial Electronics, 2014, 61, 3671-3681.	5.2	269
65	Integrated servo-mechanical design of robust mechatronics based on low-order moments and support. , 2014, , .		1
66	Active vibration isolation based on model reference adaptive control. International Journal of Systems Science, 2014, 45, 97-108.	3.7	13
67	Revised binary tree data-driven model for valve stiction. , 2014, , .		0
68	Robust adaptive output feedback control of a class of discrete-time nonlinear systems with nonlinear uncertainties and unknown control directions. International Journal of Robust and Nonlinear Control, 2013, 23, 1472-1495.	2.1	20
69	Integrated servo-mechanical design of high-performance mechatronics using generalized KYP Lemma. Microsystem Technologies, 2013, 19, 1549-1557.	1.2	6
70	Aliased Narrow-Band Disturbance Rejection Using Phase-Stabilization Above Nyquist Frequency. IEEE Transactions on Magnetics, 2013, 49, 2693-2696.	1.2	2
71	Adaptive optimal control for linear discrete time-varying systems. , 2013, , .		1
72	Continuous critic learning for robot control in physical human-robot interaction. , 2013, , .		8

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73	Robust identification of piecewise affine systems from noisy data. , 2013, , .		0
74	Design and Implementation of a Takagiâ€“Sugeno-Type Fuzzy Logic Controller on a Two-Wheeled Mobile Robot. IEEE Transactions on Industrial Electronics, 2013, 60, 5717-5728.	5.2	93
75	Computation delay compensation for real time implementation of robust model predictive control. Journal of Process Control, 2013, 23, 1342-1349.	1.7	13
76	Development of an Approach Toward Comprehensive Identification of Hysteretic Dynamics in Piezoelectric Actuators. IEEE Transactions on Control Systems Technology, 2013, 21, 1834-1845.	3.2	50
77	Neural networks impedance control of robots interacting with environments. IET Control Theory and Applications, 2013, 7, 1509-1519.	1.2	25
78	Region tracking control for multi-agent systems with high-order dynamics. , 2013, , .		6
79	Convex separable parametrization in integrated servo-mechanical design for high-performance mechatronics. , 2013, , .		4
80	Platform design and mathematical modeling of an ultralight quadrotor micro aerial vehicle. , 2013, , .		12
81	Identification of Unknown Parameters for a Class of Two-Level Quantum Systems. IEEE Transactions on Automatic Control, 2013, 58, 1805-1810.	3.6	12
82	A smooth hybrid symbolic control for the formation of UAVs over a partitioned space. , 2013, , .		4
83	Integral Resonant Control for Suppression of Micro-Actuator Resonance in Dual Stage Actuator. IEEE Transactions on Magnetics, 2012, 48, 4614-4617.	1.2	1
84	Computation delay compensation for real time implementation of robust model predictive control. , 2012, , .		6
85	Fault Diagnosis and Fault-Tolerant Control in Linear Drives Using the Kalman Filter. IEEE Transactions on Industrial Electronics, 2012, 59, 4285-4292.	5.2	119
86	Identification and compensation of hysteretic dynamics of piezoelectric actuators for accurate and fast scanning. , 2012, , .		1
87	Sufficient and necessary conditions for the stability of second-order switched linear systems under arbitrary switching. International Journal of Control, 2012, 85, 1977-1995.	1.2	19
88	Design and mathematical modeling of a 4-standard-propeller (4SP) quadrotor. , 2012, , .		29
89	Adaptive Neural Network Control of Hard Disk Drives With Hysteresis Friction Nonlinearity. IEEE Transactions on Control Systems Technology, 2011, 19, 351-358.	3.2	35
90	A systems design approach to manage mechatronics R&D. , 2011, , .		0

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91	Feedback stabilization for planar switched linear systems with two subsystems under arbitrary switching. , 2011, , .		3
92	Adaptive Friction Compensation With a Dynamical Friction Model. IEEE/ASME Transactions on Mechatronics, 2011, 16, 133-140.	3.7	95
93	Allocating Resources in Multiagent Flowshops With Adaptive Auctions. IEEE Transactions on Automation Science and Engineering, 2011, 8, 732-743.	3.4	8
94	Identification and control of a two-level open quantum system. , 2011, , .		4
95	Compensation of hysteresis in piezoelectric actuator with iterative learning control. Journal of Control Theory and Applications, 2010, 8, 176-180.	0.8	13
96	Dynamic modeling and control of extracellular ATP concentration on vascular endothelial cells via shear stress modulation. Journal of Control Theory and Applications, 2010, 8, 326-332.	0.8	2
97	Identification and control of linear dynamics with input Preisach hysteresis. , 2010, , .		4
98	Identification and control of nonlinear systems using piecewise affine models. , 2010, , .		2
99	Downer and Perron branches in interconnection topologies for coordination and control of multi-agent networks. , 2010, , .		1
100	Identification of piecewise affine systems and nonlinear systems using multiple models. , 2010, , .		2
101	Identification and control of quantum systems. , 2010, , .		1
102	Adaptive control of a class of discrete-time MIMO nonlinear systems with uncertain couplings. International Journal of Control, 2010, 83, 2120-2133.	1.2	55
103	Adaptive predictive control of a class of discrete-time MIMO nonlinear systems with uncertain couplings. , 2010, , .		2
104	Identification and control of nonlinear systems via piecewise affine approximation. , 2010, , .		3
105	Timing performance oriented optical proximity correction for mask cost reduction. , 2010, , .		1
106	Multi-agent controllability with tree topology. , 2010, , .		0
107	Adaptive dynamic surface control for a class of strict-feedback nonlinear systems with unknown backlash-like hysteresis. , 2009, , .		67
108	Adaptive control for parametric output feedback systems with output constraint. , 2009, , .		12

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109	Variation paradigm for asymptotic gain of switched time-delay systems. , 2009, , .		0
110	Robust adaptive output feedback control of a class of discrete-time nonlinear systems perturbed by nonlinear uncertainties. , 2009, , .		1
111	Adaptive asymptotic tracking control of a class of discrete-time nonlinear systems with parametric and nonparametric uncertainties. , 2009, , .		6
112	Semi-parametric adaptive control of discrete-time nonlinear systems. , 2009, , .		3
113	Adaptive control of a class of strict-feedback discrete-time nonlinear systems with unknown control gains and preceded by hysteresis. , 2009, , .		5
114	Decentralized supervisory control: Nondeterministic transitions versus deterministic moves. , 2009, , .		1
115	A general framework for least-squares based identification of time-varying system using multiple models. , 2009, , .		6
116	Decentralized adaptive control of a class of discrete-time multi-agent systems for hidden leader following problem. , 2009, , .		15
117	Improved disturbance rejection with online adaptive pole-zero compensation on a $\hat{1}$ -shaped PZT active suspension. <i>Microsystem Technologies</i> , 2009, 15, 1499-1508.	1.2	12
118	Predictive Ratio Control for Interacting Processes. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 10515-10521.	1.8	2
119	Developments in hybrid modeling and control of Unmanned Aerial Vehicles. , 2009, , .		4
120	A gain-scheduling optimal fuzzy logic controller design for unicycle. , 2009, , .		3
121	Text extraction from images captured via mobile and digital devices. , 2009, , .		7
122	Decentralized cooperative control for swarm agents with high-order dynamics. , 2009, , .		2
123	Compensation of hysteresis in piezoelectric actuator with iterative learning control. , 2009, , .		3
124	Adaptive Sliding-Mode Control of Piezoelectric Actuators. <i>IEEE Transactions on Industrial Electronics</i> , 2009, 56, 3514-3522.	5.2	65
125	A sliding mode control scheme for an underactuated unicycle. , 2009, , .		1
126	Forecast Forex with ANN Using Fundamental Data. , 2008, , .		15

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127	Stable adaptive neural network control of MIMO nonaffine nonlinear discrete-time systems. , 2008, , .		2
128	Uniform Adaptive Neural Control for Switched Underactuated Systems. , 2008, , .		2
129	H_{∞} Filter Design for Nonlinear Systems With Time-Delay Through Tâ€S Fuzzy Model Approach. IEEE Transactions on Fuzzy Systems, 2008, 16, 739-746.	6.5	128
130	Controllability of Multi-agent Systems with Switching Topology. , 2008, , .		13
131	A graph theory based characterization of controllability for multi-agent systems with fixed topology. , 2008, , .		28
132	Adaptive neural control for uncertain nonlinear systems in pure-feedback form with hysteresis input. , 2008, , .		13
133	Adaptive model reference control of a class of MIMO discrete-time systems with compensation of nonparametric uncertainty. , 2008, , .		9
134	Adaptive neural control of SISO non-affine nonlinear time-delay systems with unknown hysteresis input. , 2008, , .		3
135	Fuzzy Weighting-Dependent Approach to H_{∞} Filter Design for Time-Delay Fuzzy Systems. IEEE Transactions on Signal Processing, 2007, 55, 2746-2751.	3.2	120
136	NRRO Rejection using Online Iterative Control for High Density Data Storage on a PC-Based Spindrive Servo System. , 2007, , .		0
137	Piezoelectric Actuator for Intra-Cytoplasmic Sperm Injection. Recent Patents on Engineering, 2007, 1, 147-152.	0.3	1
138	Adaptive Control of Mechanical Systems Using Neural Networks. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2007, 37, 897-903.	3.3	17
139	Adaptive NN control of strict-feedback systems using ISS-modular approach. , 2007, , .		0
140	Design, Modeling, and Control of Piezoelectric Actuators for Intracytoplasmic Sperm Injection. IEEE Transactions on Control Systems Technology, 2007, 15, 879-890.	3.2	65
141	Adaptive Neural Network Control for Marine Shafting System Using Dynamic Surface Control. Control Applications (CCA), Proceedings of the IEEE International Conference on, 2007, , .	0.0	2
142	A Necessary and Sufficient Condition for Stability of Arbitrarily Switched Second-Order LTI System: Marginally Stable Case. , 2007, , .		4
143	Enhanced disturbance suppression in sampled-data systems and its application to high density data storage servos. Microsystem Technologies, 2007, 13, 911-921.	1.2	2
144	Hard Disk Drives Control in Mobile Applications. Journal of Systems Science and Complexity, 2007, 20, 215-224.	1.6	10

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145	A Smith-Like Control Design for Performance Enhancement of Systems with RHP Zeros. Journal of Chemical Engineering of Japan, 2007, 40, 128-138.	0.3	0
146	Line Tracking of the Gyrobot - a Gyroscopically Stabilized Single-Wheeled Robot. , 2006, , .		13
147	A Less Conservative Robust Stability Test for Linear Uncertain Time-Delay Systems. IEEE Transactions on Automatic Control, 2006, 51, 87-91.	3.6	231
148	Thruster and vibration control of marine powertrain using a class of feedforward approximators. , 2006, , .		1
149	Singular Perturbation Control for Vibration Rejection in HDDs with a PZT Active Suspension. , 2006, , .		0
150	On nonlinear sliding mode control for a class of nonlinear cascade systems. International Journal of Systems Science, 2005, 36, 983-992.	3.7	14
151	Iterative learning control for systems with input deadzone. IEEE Transactions on Automatic Control, 2005, 50, 1455-1459.	3.6	43
152	Robust normalization and stabilization of Uncertain Descriptor systems with norm-Bounded Perturbations. IEEE Transactions on Automatic Control, 2005, 50, 515-520.	3.6	91
153	Robust adaptive control for a class of perturbed strict-feedback nonlinear systems. , 2004, , .		6
154	Practical adaptive neural control of nonlinear systems with unknown time delays. , 2004, , .		0
155	Stability criteria and bounds for limit cycles of relay feedback systems. Dynamical Systems, 2004, 19, 161-170.	0.2	4
156	Partial state feedback tracking with ISpS disturbance attenuation via direct adaptive design. , 2004, , .		1
157	Iterative learning control for systems with input deadzone. , 2004, , .		0
158	Analysis and comparison of iterative learning control schemes. Engineering Applications of Artificial Intelligence, 2004, 17, 675-686.	4.3	38
159	Fuzzy Behavior-Based Control of Mobile Robots. IEEE Transactions on Fuzzy Systems, 2004, 12, 559-564.	6.5	63
160	An Improvement on Stable Adaptive Control for a Class of Nonlinear Systems. IEEE Transactions on Automatic Control, 2004, 49, 1398-1403.	3.6	29
161	Relay Feedback: A Complete Analysis for First-Order Systems. Industrial & Engineering Chemistry Research, 2004, 43, 8400-8402.	1.8	25
162	A Modular Control Scheme for PMSM Speed Control With Pulsating Torque Minimization. IEEE Transactions on Industrial Electronics, 2004, 51, 526-536.	5.2	178

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163	EXISTENCE ANALYSIS FOR LIMIT CYCLES OF RELAY FEEDBACK SYSTEMS. Asian Journal of Control, 2004, 6, 428-431.	1.9	3
164	Decentralized control design for large-scale systems with strong interconnections using neural networks. IEEE Transactions on Automatic Control, 2003, 48, 805-810.	3.6	114
165	Local Stability of Limit Cycles for MIMO Relay Feedback Systems. , 2003, , .		0
166	Existence of Solutions to MIMO Relay Feedback Systems. , 2003, , .		0
167	Global Stability of Limit Cycles for a Class of MIMO Relay Feedback Systems. , 2003, , .		0
168	Output tracking control of MIMO fuzzy nonlinear systems using variable structure control approach. IEEE Transactions on Fuzzy Systems, 2002, 10, 686-697.	6.5	89
169	Local stability of limit cycles for time-delay relay-feedback systems. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2002, 49, 1870-1875.	0.1	16
170	Internet-based monitoring of distributed control systems-An undergraduate experiment. IEEE Transactions on Education, 2002, 45, 128-134.	2.0	49
171	New interpolation method for quadrature encoder signals. IEEE Transactions on Instrumentation and Measurement, 2002, 51, 1073-1079.	2.4	95
172	Robust PI controller design for nonlinear systems via fuzzy modeling approach. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2001, 31, 666-675.	3.4	51
173	Micro-positioning of linear-piezoelectric motors based on a learning nonlinear PID controller. IEEE/ASME Transactions on Mechatronics, 2001, 6, 428-436.	3.7	101
174	Iterative learning control with Smith time delay compensator for batch processes. , 2001, , .		4
175	Comparative studies on repeatable runout compensation using iterative learning control. , 2001, , .		3
176	On the design of multivariable PID controllers via LMI approach. , 0, , .		25
177	Application of evolutionary artificial potential field in robot soccer system. , 0, , .		28
178	DNA coded GA for the rule base optimization of a fuzzy logic controller. , 0, , .		3
179	Comparison of Khepera robot navigation by evolutionary neural networks and pain-based algorithm. , 0, , .		1
180	Design of controller for the dual-stage actuator in hard disk drive using internal model approach. , 0, , .		0

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181	Nanoposition sensing and control in HDD dual-stage servo systems. , 0, , .		10
182	Robust adaptive control of nonlinear systems with unknown time delays. , 0, , .		2
183	An acceleration-based weighting scheme for minimum-effort inverse kinematics of redundant manipulators. , 0, , .		1
184	Analysis and comparison of two practical iterative learning control schemes. , 0, , .		2
185	A Multirate Iterative Learning Control Scheme. , 0, , .		1
186	A parameter optimization approach to solving quasi-LMI problems. , 0, , .		2
187	Robust PI controller design for nonlinear systems via fuzzy modelling approach. , 0, , .		2