

# 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	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
2	A Less Conservative Robust Stability Test for Linear Uncertain Time-Delay Systems. IEEE Transactions on Automatic Control, 2006, 51, 87-91.	3.6	231
3	A Modular Control Scheme for PMSM Speed Control With Pulsating Torque Minimization. IEEE Transactions on Industrial Electronics, 2004, 51, 526-536.	5.2	178
4	$H_{\infty}$ 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
5	Fuzzy Weighting-Dependent Approach to $H_{\infty}$ Filter Design for Time-Delay Fuzzy Systems. IEEE Transactions on Signal Processing, 2007, 55, 2746-2751.	3.2	120
6	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
7	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
8	Fixed-Time-Synchronized Consensus Control of Multiagent Systems. IEEE Transactions on Control of Network Systems, 2021, 8, 89-98.	2.4	103
9	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
10	New interpolation method for quadrature encoder signals. IEEE Transactions on Instrumentation and Measurement, 2002, 51, 1073-1079.	2.4	95
11	Adaptive Friction Compensation With a Dynamical Friction Model. IEEE/ASME Transactions on Mechatronics, 2011, 16, 133-140.	3.7	95
12	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
13	Robust normalization and stabilization of Uncertain Descriptor systems with norm-Bounded Perturbations. IEEE Transactions on Automatic Control, 2005, 50, 515-520.	3.6	91
14	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
15	On Time-Synchronized Stability and Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2450-2463.	5.9	72
16	Adaptive dynamic surface control for a class of strict-feedback nonlinear systems with unknown backlash-like hysteresis. , 2009, , .		67
17	Design, Modeling, and Control of Piezoelectric Actuators for Intracytoplasmic Sperm Injection. IEEE Transactions on Control Systems Technology, 2007, 15, 879-890.	3.2	65
18	Adaptive Sliding-Mode Control of Piezoelectric Actuators. IEEE Transactions on Industrial Electronics, 2009, 56, 3514-3522.	5.2	65

#	ARTICLE	IF	CITATIONS
19	Fuzzy Behavior-Based Control of Mobile Robots. IEEE Transactions on Fuzzy Systems, 2004, 12, 559-564.	6.5	63
20	Adaptive Control of Robotic Manipulators With Unified Motion Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 184-194.	5.9	56
21	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
22	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
23	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
24	Internet-based monitoring of distributed control systems-An undergraduate experiment. IEEE Transactions on Education, 2002, 45, 128-134.	2.0	49
25	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
26	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
27	Iterative learning control for systems with input deadzone. IEEE Transactions on Automatic Control, 2005, 50, 1455-1459.	3.6	43
28	Analysis and comparison of iterative learning control schemes. Engineering Applications of Artificial Intelligence, 2004, 17, 675-686.	4.3	38
29	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
30	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
31	Data-Driven Multiobjective Controller Optimization for a Magnetically Levitated Nanopositioning System. IEEE/ASME Transactions on Mechatronics, 2020, 25, 1961-1970.	3.7	32
32	Systematic Design and Implementation of a Micro Unmanned Quadrotor System. Unmanned Systems, 2014, 02, 121-141.	2.7	31
33	Role playing learning for socially concomitant mobile robot navigation. CAAI Transactions on Intelligence Technology, 2018, 3, 49-58.	3.4	30
34	An Improvement on Stable Adaptive Control for a Class of Nonlinear Systems. IEEE Transactions on Automatic Control, 2004, 49, 1398-1403.	3.6	29
35	Design and mathematical modeling of a 4-standard-propeller (4SP) quadrotor. , 2012, , .		29
36	Cooperative Circumnavigation Control of Networked Microsatellites. IEEE Transactions on Cybernetics, 2020, 50, 4550-4555.	6.2	29

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37	Online Optimal Power Scheduling of a Microgrid via Imitation Learning. IEEE Transactions on Smart Grid, 2022, 13, 861-876.	6.2	29
38	Application of evolutionary artificial potential field in robot soccer system. , 0, , .		28
39	A graph theory based characterization of controllability for multi-agent systems with fixed topology. , 2008, , .		28
40	On the design of multivariable PID controllers via LMI approach. , 0, , .		25
41	Relay Feedback: A Complete Analysis for First-Order Systems. Industrial & Engineering Chemistry Research, 2004, 43, 8400-8402.	1.8	25
42	Neural networks impedance control of robots interacting with environments. IET Control Theory and Applications, 2013, 7, 1509-1519.	1.2	25
43	Optimal Decentralized Control for Uncertain Systems by Symmetric Gauss-Seidel Semi-Proximal ALM. IEEE Transactions on Automatic Control, 2021, 66, 5554-5560.	3.6	25
44	Trajectory Generation by Chance-Constrained Nonlinear MPC With Probabilistic Prediction. IEEE Transactions on Cybernetics, 2021, 51, 3616-3629.	6.2	21
45	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
46	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
47	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
48	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
49	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
50	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
51	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
52	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
53	Forecast Forex with ANN Using Fundamental Data. , 2008, , .		15
54	Decentralized adaptive control of a class of discrete-time multi-agent systems for hidden leader following problem. , 2009, , .		15

#	ARTICLE	IF	CITATIONS
55	On nonlinear sliding mode control for a class of nonlinear cascade systems. International Journal of Systems Science, 2005, 36, 983-992.	3.7	14
56	Line Tracking of the Gyrobot - a Gyroscopically Stabilized Single-Wheeled Robot. , 2006, , .		13
57	Controllability of Multi-agent Systems with Switching Topology. , 2008, , .		13
58	Adaptive neural control for uncertain nonlinear systems in pure-feedback form with hysteresis input. , 2008, , .		13
59	Compensation of hysteresis in piezoelectric actuator with iterative learning control. Journal of Control Theory and Applications, 2010, 8, 176-180.	0.8	13
60	Computation delay compensation for real time implementation of robust model predictive control. Journal of Process Control, 2013, 23, 1342-1349.	1.7	13
61	Active vibration isolation based on model reference adaptive control. International Journal of Systems Science, 2014, 45, 97-108.	3.7	13
62	Geometric Map-Assisted Localization for Mobile Robots Based on Uniform-Gaussian Distribution. IEEE Robotics and Automation Letters, 2017, 2, 789-795.	3.3	13
63	Adaptive control for parametric output feedback systems with output constraint. , 2009, , .		12
64	Improved disturbance rejection with online adaptive pole-zero compensation on a $\hat{I}$ -shaped PZT active suspension. Microsystem Technologies, 2009, 15, 1499-1508.	1.2	12
65	Platform design and mathematical modeling of an ultralight quadrotor micro aerial vehicle. , 2013, , .		12
66	Identification of Unknown Parameters for a Class of Two-Level Quantum Systems. IEEE Transactions on Automatic Control, 2013, 58, 1805-1810.	3.6	12
67	Data-driven identification and control of nonlinear systems using multiple NARMA $\infty$ models. International Journal of Robust and Nonlinear Control, 2018, 28, 3806-3833.	2.1	12
68	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
69	Autonomous task planning and acting for micro aerial vehicles. , 2019, , .		11
70	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
71	Nanoposition sensing and control in HDD dual-stage servo systems. , 0, , .		10
72	Hard Disk Drives Control in Mobile Applications. Journal of Systems Science and Complexity, 2007, 20, 215-224.	1.6	10

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73	Adaptive control for robot navigation in human environments based on social force model. , 2016, , .		10
74	Disturbance Compensation by Reference Profile Alteration With Application to Tray Indexing. IEEE Transactions on Industrial Electronics, 2019, 66, 9406-9416.	5.2	10
75	Adaptive model reference control of a class of MIMO discrete-time systems with compensation of nonparametric uncertainty. , 2008, , .		9
76	Efficient Boolean Modeling of Gene Regulatory Networks via Random Forest Based Feature Selection and Best-Fit Extension. , 2018, , .		9
77	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
78	Allocating Resources in Multiagent Flowshops With Adaptive Auctions. IEEE Transactions on Automation Science and Engineering, 2011, 8, 732-743.	3.4	8
79	Continuous critic learning for robot control in physical human-robot interaction. , 2013, , .		8
80	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
81	Convex Inner Approximation for Mixed $H_2/H_\infty$ Control With Application to a 2-DoF Flexure-Based Nanopositioning System. IEEE Transactions on Industrial Electronics, 2022, 69, 1586-1596.	5.2	8
82	Text extraction from images captured via mobile and digital devices. , 2009, , .		7
83	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
84	Robust adaptive control for a class of perturbed strict-feedback nonlinear systems. , 2004, , .		6
85	Adaptive asymptotic tracking control of a class of discrete-time nonlinear systems with parametric and nonparametric uncertainties. , 2009, , .		6
86	A general framework for least-squares based identification of time-varying system using multiple models. , 2009, , .		6
87	Computation delay compensation for real time implementation of robust model predictive control. , 2012, , .		6
88	Integrated servo-mechanical design of high-performance mechatronics using generalized KYP Lemma. Microsystem Technologies, 2013, 19, 1549-1557.	1.2	6
89	Region tracking control for multi-agent systems with high-order dynamics. , 2013, , .		6
90	Wide area surveillance of urban environments using multiple Mini-VTOL UAVs. , 2015, , .		6

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91	GPS/odometry/map fusion for vehicle positioning using potential function. <i>Autonomous Robots</i> , 2018, 42, 99-110.	3.2	6
92	Adaptive control of a class of strict-feedback discrete-time nonlinear systems with unknown control gains and preceded by hysteresis. , 2009, , .		5
93	Explicit model identification and control of a micro aerial vehicle. , 2014, , .		5
94	On computation of stabilizing loop gain and delay ranges for bi-proper delay systems. <i>ISA Transactions</i> , 2014, 53, 1705-1715.	3.1	5
95	Frequency-domain L <sub>2</sub> -stability conditions for time-varying linear and nonlinear MIMO systems. <i>Control Theory and Technology</i> , 2014, 12, 13-34.	1.0	5
96	Integrated Servo-Mechanical Design of Robust Mechatronics Based on Ambiguous Chance Constraints. <i>IEEE Transactions on Control Systems Technology</i> , 2015, 23, 2449-2456.	3.2	5
97	HLT*: Real-time and Any-angle Path Planning in 3D Environment. , 2019, , .		5
98	Learning Asynchronous Boolean Networks From Single-Cell Data Using Multiobjective Cooperative Genetic Programming. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 2916-2930.	6.2	5
99	Semi-Proximal ADMM for Model Predictive Control Problem with Application to a UAV System. , 2020, , .		5
100	Local Learning Enabled Iterative Linear Quadratic Regulator for Constrained Trajectory Planning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 5354-5365.	7.2	5
101	Iterative learning control with Smith time delay compensator for batch processes. , 2001, , .		4
102	Stability criteria and bounds for limit cycles of relay feedback systems. <i>Dynamical Systems</i> , 2004, 19, 161-170.	0.2	4
103	A Necessary and Sufficient Condition for Stability of Arbitrarily Switched Second-Order LTI System: Marginally Stable Case. , 2007, , .		4
104	Developments in hybrid modeling and control of Unmanned Aerial Vehicles. , 2009, , .		4
105	Identification and control of linear dynamics with input Preisach hysteresis. , 2010, , .		4
106	Identification and control of a two-level open quantum system. , 2011, , .		4
107	Convex separable parametrization in integrated servo-mechanical design for high-performance mechatronics. , 2013, , .		4
108	A smooth hybrid symbolic control for the formation of UAVs over a partitioned space. , 2013, , .		4

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109	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
110	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
111	Comparative studies on repeatable runout compensation using iterative learning control. , 2001, , .		3
112	DNA coded GA for the rule base optimization of a fuzzy logic controller. , 0, , .		3
113	EXISTENCE ANALYSIS FOR LIMIT CYCLES OF RELAY FEEDBACK SYSTEMS. Asian Journal of Control, 2004, 6, 428-431.	1.9	3
114	Adaptive neural control of SISO non-affine nonlinear time-delay systems with unknown hysteresis input. , 2008, , .		3
115	Semi-parametric adaptive control of discrete-time nonlinear systems. , 2009, , .		3
116	A gain-scheduling optimal fuzzy logic controller design for unicycle. , 2009, , .		3
117	Compensation of hysteresis in piezoelectric actuator with iterative learning control. , 2009, , .		3
118	Identification and control of nonlinear systems via piecewise affine approximation. , 2010, , .		3
119	Feedback stabilization for planar switched linear systems with two subsystems under arbitrary switching. , 2011, , .		3
120	Coupling Lyapunov functions approach for quantum control. , 2015, , .		3
121	Iterative Super-Twisting Sliding Mode Control: A Case Study on Tray Indexing. , 2020, , .		3
122	Generalized Iterative Super-Twisting Sliding Mode Control: A Case Study on Flexure-Joint Dual-Drive H-Gantry Stage. , 2021, , .		3
123	Time-Synchronized Control: Analysis and Design. , 2022, , .		3
124	Time-Synchronized Control for Disturbed Systems. , 2022, , 61-99.		3
125	Robust adaptive control of nonlinear systems with unknown time delays. , 0, , .		2
126	Analysis and comparison of two practical iterative learning control schemes. , 0, , .		2



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127	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
128	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
129	Stable adaptive neural network control of MIMO nonaffine nonlinear discrete-time systems. , 2008, , .		2
130	Uniform Adaptive Neural Control for Switched Underactuated Systems. , 2008, , .		2
131	Predictive Ratio Control for Interacting Processes. Industrial & Engineering Chemistry Research, 2009, 48, 10515-10521.	1.8	2
132	Decentralized cooperative control for swarm agents with high-order dynamics. , 2009, , .		2
133	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
134	Identification and control of nonlinear systems using piecewise affine models. , 2010, , .		2
135	Identification of piecewise affine systems and nonlinear systems using multiple models. , 2010, , .		2
136	Adaptive predictive control of a class of discrete-time MIMO nonlinear systems with uncertain couplings. , 2010, , .		2
137	Aliased Narrow-Band Disturbance Rejection Using Phase-Stabilization Above Nyquist Frequency. IEEE Transactions on Magnetics, 2013, 49, 2693-2696.	1.2	2
138	Integrated servo-mechanical design using Nyquist plots for chance-constrained robust mechatronics. , 2015, , .		2
139	Data-Driven Tuning Method for LQR Based Optimal PID Controller. , 2019, , .		2
140	Adaptive Robust Impedance Control for an Ear Surgical Device With Soft Interaction. IEEE/ASME Transactions on Mechatronics, 2022, 27, 1784-1795.	3.7	2
141	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
142	A parameter optimization approach to solving quasi-LMI problems. , 0, , .		2
143	Robust PI controller design for nonlinear systems via fuzzy modelling approach. , 0, , .		2
144	Hybrid Active&#x2013;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

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145	Comparison of Khepera robot navigation by evolutionary neural networks and pain-based algorithm. , 0, , .		1
146	Partial state feedback tracking with ISpS disturbance attenuation via direct adaptive design. , 2004, , .		1
147	An acceleration-based weighting scheme for minimum-effort inverse kinematics of redundant manipulators. , 0, , .		1
148	A Multirate Iterative Learning Control Scheme. , 0, , .		1
149	Thruster and vibration control of marine powertrain using a class of feedforward approximators. , 2006, , .		1
150	Piezoelectric Actuator for Intra-Cytoplasmic Sperm Injection. Recent Patents on Engineering, 2007, 1, 147-152.	0.3	1
151	Robust adaptive output feedback control of a class of discrete-time nonlinear systems perturbed by nonlinear uncertainties. , 2009, , .		1
152	Decentralized supervisory control: Nondeterministic transitions versus deterministic moves. , 2009, , .		1
153	A sliding mode control scheme for an underactuated unicycle. , 2009, , .		1
154	Downer and Perron branches in interconnection topologies for coordination and control of multi-agent networks. , 2010, , .		1
155	Identification and control of quantum systems. , 2010, , .		1
156	Timing performance oriented optical proximity correction for mask cost reduction. , 2010, , .		1
157	Integral Resonant Control for Suppression of Micro-Actuator Resonance in Dual Stage Actuator. IEEE Transactions on Magnetics, 2012, 48, 4614-4617.	1.2	1
158	Identification and compensation of hysteretic dynamics of piezoelectric actuators for accurate and fast scanning. , 2012, , .		1
159	Adaptive optimal control for linear discrete time-varying systems. , 2013, , .		1
160	Integrated servo-mechanical design of robust mechatronics based on low-order moments and support. , 2014, , .		1
161	Long-term cooperative tracking using multiple unmanned aerial vehicles. , 2016, , .		1
162	Set-point alteration scheme for improved disturbance compensation. , 2017, , .		1

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163	Teaching of Automation and Control Engineering Practice - A Case Study. , 2018, , .		1
164	Human vision inspired multi-scale line segments merging and filtering. , 2018, , .		1
165	A Collision-Free Framework for Navigation of Nonholonomic Vehicle Systems. , 2020, , .		1
166	Multi-Agent Cooperative Pursuit-Evasion Control Using Gene Expression Programming. , 2021, , .		1
167	Design of controller for the dual-stage actuator in hard disk drive using internal model approach. , 0, , .		0
168	Local Stability of Limit Cycles for MIMO Relay Feedback Systems. , 2003, , .		0
169	Existence of Solutions to MIMO Relay Feedback Systems. , 2003, , .		0
170	Global Stability of Limit Cycles for a Class of MIMO Relay Feedback Systems. , 2003, , .		0
171	Practical adaptive neural control of nonlinear systems with unknown time delays. , 2004, , .		0
172	Iterative learning control for systems with input deadzone. , 2004, , .		0
173	Singular Perturbation Control for Vibration Rejection in HDDs with a PZT Active Suspension. , 2006, , .		0
174	NRRO Rejection using Online Iterative Control for High Density Data Storage on a PC-Based Spindrive Servo System. , 2007, , .		0
175	Adaptive NN control of strict-feedback systems using ISS-modular approach. , 2007, , .		0
176	Variation paradigm for asymptotic gain of switched time-delay systems. , 2009, , .		0
177	Multi-agent controllability with tree topology. , 2010, , .		0
178	A systems design approach to manage mechatronics R&D. , 2011, , .		0
179	Robust identification of piecewise affine systems from noisy data. , 2013, , .		0
180	Real-time shape classification using biologically inspired invariant features. , 2014, , .		0

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181	Revised binary tree data-driven model for valve stiction. , 2014, , .		0
182	Biologically inspired lighting invariant facial identity recognition. , 2015, , .		0
183	Fault Estimation and Fault-Tolerant Steering Law for Single Gimbal Control Moment Gyro Systems. , 2019, , .		0
184	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
185	Adaptive Iterative Sliding Mode Control: Development, Synthesis, and Application of a Flexure-Joint Biaxial Gantry Stage. , 2021, , .		0
186	Learning-Based Controller Optimization for Repetitive Robotic Tasks. , 2020, , .		0
187	Robust Control of a Two-Degree-of-Freedom Flexure-Based Nanopositioner for Planar Scanning Tasks. , 2021, , .		0