

Jian-Xin Xu

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6934175/jian-xin-xu-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

197
papers

5,273
citations

38
h-index

68
g-index

273
ext. papers

6,770
ext. citations

4.3
avg, IF

6.32
L-index

#	Paper	IF	Citations
197	Consensus Based Approach for Economic Dispatch Problem in a Smart Grid. <i>IEEE Transactions on Power Systems</i> , 2013 , 28, 4416-4426	7	403
196	Nonlinear integral-type sliding surface for both matched and unmatched uncertain systems. <i>IEEE Transactions on Automatic Control</i> , 2004 , 49, 1355-1360	5.9	275
195	A survey on iterative learning control for nonlinear systems. <i>International Journal of Control</i> , 2011 , 84, 1275-1294	1.5	255
194	Torque ripple minimization in PM synchronous motors using iterative learning control. <i>IEEE Transactions on Power Electronics</i> , 2004 , 19, 272-279	7.2	203
193	Design and Implementation of Integral Sliding-Mode Control on an Underactuated Two-Wheeled Mobile Robot. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 3671-3681	8.9	198
192	Iterative learning control for output-constrained systems with both parametric and nonparametric uncertainties. <i>Automatica</i> , 2013 , 49, 2508-2516	5.7	153
191	On initial conditions in iterative learning control. <i>IEEE Transactions on Automatic Control</i> , 2005 , 50, 1349-1354	5.54	145
190	On iterative learning from different tracking tasks in the presence of time-varying uncertainties. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2004 , 34, 589-97		136
189	Guaranteed cost control for uncertain Markovian jump systems with mode-dependent time-delays. <i>IEEE Transactions on Automatic Control</i> , 2003 , 48, 2270-2276	5.9	134
188	A modular control scheme for PMSM speed control with pulsating torque minimization. <i>IEEE Transactions on Industrial Electronics</i> , 2004 , 51, 526-536	8.9	124
187	A composite energy function-based learning control approach for nonlinear systems with time-varying parametric uncertainties. <i>IEEE Transactions on Automatic Control</i> , 2002 , 47, 1940-1945	5.9	122
186	An Iterative Learning Control Approach for Linear Systems With Randomly Varying Trial Lengths. <i>IEEE Transactions on Automatic Control</i> , 2014 , 59, 1954-1960	5.9	106
185	Optimization of Distribution Network Incorporating Distributed Generators: An Integrated Approach. <i>IEEE Transactions on Power Systems</i> , 2013 , 28, 2421-2432	7	99
184	High-Performance Tracking of Piezoelectric Positioning Stage Using Current-Cycle Iterative Learning Control With Gain Scheduling. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 1085-1098	8.9	96
183	A new periodic adaptive control approach for time-varying parameters with known periodicity. <i>IEEE Transactions on Automatic Control</i> , 2004 , 49, 579-583	5.9	96
182	A High-Order Internal Model Based Iterative Learning Control Scheme for Nonlinear Systems With Time-Iteration-Varying Parameters. <i>IEEE Transactions on Automatic Control</i> , 2010 , 55, 2665-2670	5.9	95
181	A Lyapunov Function-Based Robust Direct Torque Controller for a Switched Reluctance Motor Drive System. <i>IEEE Transactions on Power Electronics</i> , 2012 , 27, 555-564	7.2	94

180	A Physically Segmented Hidden Markov Model Approach for Continuous Tool Condition Monitoring: Diagnostics and Prognostics. <i>IEEE Transactions on Industrial Informatics</i> , 2012 , 8, 964-973	11.9	82
179	State-Constrained Iterative Learning Control for a Class Of MIMO Systems. <i>IEEE Transactions on Automatic Control</i> , 2013 , 58, 1322-1327	5.9	81
178	Robust optimal design and convergence properties analysis of iterative learning control approaches. <i>Automatica</i> , 2002 , 38, 1867-1880	5.7	79
177	Freeway Traffic Control Using Iterative Learning Control-Based Ramp Metering and Speed Signaling. <i>IEEE Transactions on Vehicular Technology</i> , 2007 , 56, 466-477	6.8	74
176	Design and Implementation of a Takagi-Sugeno-Type Fuzzy Logic Controller on a Two-Wheeled Mobile Robot. <i>IEEE Transactions on Industrial Electronics</i> , 2013 , 60, 5717-5728	8.9	73
175	Adaptive Cross-Generation Differential Evolution Operators for Multiobjective Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2016 , 20, 232-244	15.6	71
174	Iterative learning control for nonlinear dynamic systems with randomly varying trial lengths. <i>International Journal of Adaptive Control and Signal Processing</i> , 2015 , 29, 1341-1353	2.8	66
173	Indirect torque control of switched reluctance motors using iterative learning control. <i>IEEE Transactions on Power Electronics</i> , 2005 , 20, 200-208	7.2	66
172	On Repetitive Learning Control for Periodic Tracking Tasks. <i>IEEE Transactions on Automatic Control</i> , 2006 , 51, 1842-1848	5.9	64
171	Iterative learning control design for linear discrete-time systems with multiple high-order internal models. <i>Automatica</i> , 2015 , 62, 65-76	5.7	56
170	A barrier composite energy function approach for robot manipulators under alignment condition with position constraints. <i>International Journal of Robust and Nonlinear Control</i> , 2014 , 24, 2840-2851	3.6	53
169	A Novel Markov Chain Based ILC Analysis for Linear Stochastic Systems Under General Data Dropouts Environments. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 5850-5857	5.9	51
168	. <i>IEEE Transactions on Industrial Electronics</i> , 2009 , 56, 3619-3627	8.9	51
167	Robust learning control for robotic manipulators with an extension to a class of non-linear systems. <i>International Journal of Control</i> , 2000 , 73, 858-870	1.5	48
166	D-Type ILC Based Dynamic Modeling and Norm Optimal ILC for High-Speed Trains. <i>IEEE Transactions on Control Systems Technology</i> , 2018 , 26, 652-663	4.8	45
165	Adaptive Learning Control for Nonlinear Systems With Randomly Varying Iteration Lengths. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 1119-1132	10.3	44
164	Nonlinear adaptive wavelet control using constructive wavelet networks. <i>IEEE Transactions on Neural Networks</i> , 2007 , 18, 115-27		43
163	Parameter identification methodologies based on variable structure control. <i>International Journal of Control</i> , 1993 , 57, 1207-1220	1.5	40

162	Precise Speed Tracking Control of a Robotic Fish Via Iterative Learning Control. <i>IEEE Transactions on Industrial Electronics</i> , 2015 , 1-1	8.9	38
161	Modified Iterative-Learning-Control-Based Ramp Metering Strategies for Freeway Traffic Control With Iteration-Dependent Factors. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2012 , 13, 606-618	6.1	38
160	Observer based learning control for a class of nonlinear systems with time-varying parametric uncertainties. <i>IEEE Transactions on Automatic Control</i> , 2004 , 49, 275-281	5.9	38
159	. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 7579-7589	8.9	34
158	Extreme Precise Motion Tracking of Piezoelectric Positioning Stage Using Sampled-Data Iterative Learning Control. <i>IEEE Transactions on Control Systems Technology</i> , 2013 , 21, 1432-1439	4.8	34
157	Observer-based iterative learning control for a class of time-varying nonlinear systems. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2003 , 50, 452-455		34
156	The predictive role of pre-cue EEG rhythms on MI-based BCI classification performance. <i>Journal of Neuroscience Methods</i> , 2014 , 235, 138-44	3	31
155	On iterative learning control with high-order internal models. <i>International Journal of Adaptive Control and Signal Processing</i> , 2010 , 24, 731-742	2.8	31
154	Iterative learning control for systems with input deadzone. <i>IEEE Transactions on Automatic Control</i> , 2005 , 50, 1455-1459	5.9	31
153	Robust iterative learning control for systems with norm-bounded uncertainties. <i>International Journal of Robust and Nonlinear Control</i> , 2016 , 26, 697-718	3.6	31
152	High-order iterative learning identification of projectile's aerodynamic drag coefficient curve from radar measured velocity data. <i>IEEE Transactions on Control Systems Technology</i> , 1998 , 6, 563-570	4.8	29
151	Tuning and analysis of a fuzzy PI controller based on gain and phase margins. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 1998 , 28, 685-691		27
150	Asymptotic learning control for a class of cascaded nonlinear uncertain systems. <i>IEEE Transactions on Automatic Control</i> , 2002 , 47, 1369-1376	5.9	27
149	A data-driven motion control approach for a robotic fish. <i>Journal of Bionic Engineering</i> , 2015 , 12, 382-394.	4.7	26
148	Composite energy function-based iterative learning control for systems with nonparametric uncertainties. <i>International Journal of Adaptive Control and Signal Processing</i> , 2014 , 28, 1-13	2.8	26
147	Sliding mode control with closed-loop filtering architecture for a class of nonlinear systems. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 2004 , 51, 168-173		26
146	A Complementary Modularized Ramp Metering Approach Based on Iterative Learning Control and ALINEA. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2011 , 12, 1305-1318	6.1	24
145	Review of torque ripple minimization in PM synchronous motor drives 2008 ,		24

144	TIME DELAYED REPETITIVE LEARNING CONTROL FOR CHAOTIC SYSTEMS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2002 , 12, 1057-1065	2	23
143	. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 3106-3116	8.9	22
142	Observer based repetitive learning control for a class of nonlinear systems with non-parametric uncertainties. <i>International Journal of Robust and Nonlinear Control</i> , 2015 , 25, 1214-1229	3.6	21
141	A mathematical prognosis model for pancreatic cancer patients receiving immunotherapy. <i>Journal of Theoretical Biology</i> , 2016 , 406, 42-51	2.3	21
140	Delay-dependent stability and stabilizability of uncertain jump bilinear stochastic systems with mode-dependent time-delays. <i>International Journal of Systems Science</i> , 2005 , 36, 275-285	2.3	21
139	Synchronization of Heterogeneous Multi-Agent Systems by Adaptive Iterative Learning Control. <i>Asian Journal of Control</i> , 2015 , 17, 2091-2104	1.7	20
138	Design of variable structure controllers with continuous switching control. <i>International Journal of Control</i> , 1996 , 65, 409-431	1.5	19
137	An Iterative Learning Control Algorithm With Gain Adaptation for Stochastic Systems. <i>IEEE Transactions on Automatic Control</i> , 2020 , 65, 1280-1287	5.9	19
136	Proportional Navigation With Delayed Line-of-Sight Rate. <i>IEEE Transactions on Control Systems Technology</i> , 2013 , 21, 247-253	4.8	18
135	A GIM-Based Biomimetic Learning Approach for Motion Generation of a Multi-Joint Robotic Fish. <i>Journal of Bionic Engineering</i> , 2013 , 10, 423-433	2.7	17
134	Optimization of economic load dispatch for a microgrid using evolutionary computation 2011 ,		17
133	A HOIM-based iterative learning control scheme for multi-agent formation 2011 ,		17
132	Leader-follower synchronisation for networked Lagrangian systems with uncertainties: a learning approach. <i>International Journal of Systems Science</i> , 2016 , 47, 956-965	2.3	16
131	Lifted system framework for learning control with different trial lengths. <i>International Journal of Automation and Computing</i> , 2015 , 12, 273-280	3.5	16
130	Data-Assisted Modeling and Speed Control of a Robotic Fish. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 4150-4157	8.9	15
129	An ILC scheme for a class of nonlinear continuous-time systems with time-iteration-varying parameters subject to second-order internal model. <i>Asian Journal of Control</i> , 2011 , 13, 126-135	1.7	15
128	On the design of a nonlinear adaptive variable structure derivative estimator. <i>IEEE Transactions on Automatic Control</i> , 2000 , 45, 1028-1033	5.9	15
127	An Internal Model Based Iterative Learning Control for Wafer Scanner Systems. <i>IEEE/ASME Transactions on Mechatronics</i> , 2019 , 24, 2073-2084	5.5	14

126	Locomotion Generation and Motion Library Design for an Anguilliform Robotic Fish. <i>Journal of Bionic Engineering</i> , 2013 , 10, 251-264	2.7	14
125	Adaptive Iterative learning control for multi-agent systems consensus tracking 2012 ,		14
124	A high-order terminal iterative learning control scheme [RTP-CVD application]		14
123	Adaptive robust control schemes for a class of nonlinear uncertain descriptor systems. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2000 , 47, 957-962		14
122	Distributed learning consensus control based on neural networks for heterogeneous nonlinear multiagent systems. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 4328-4347	3.6	13
121	A framework of iterative learning control under random data dropouts: Mean square and almost sure convergence. <i>International Journal of Adaptive Control and Signal Processing</i> , 2017 , 31, 1825-1852	2.8	13
120	On optimal freeway local ramp metering using fuzzy logic control with particle swarm optimisation. <i>IET Intelligent Transport Systems</i> , 2013 , 7, 95-104	2.4	13
119	Adaptive learning control for finite interval tracking based on constructive function approximation and wavelet. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 893-905		13
118	On iterative learning control design for tracking iteration-varying trajectories with high-order internal model. <i>Journal of Control Theory and Applications</i> , 2010 , 8, 309-316		13
117	Optimal Tuning of PID Parameters Using Iterative Learning Approach. <i>SICE Journal of Control Measurement and System Integration</i> , 2008 , 1, 143-154	0.3	13
116	Iterative Learning Control for Time-Varying Systems Subject to Variable Pass Lengths: Application to Robot Manipulators. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 8629-8637	8.9	13
115	Robust learning control for nonlinear systems with nonparametric uncertainties and nonuniform trial lengths. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 1302-1324	3.6	13
114	Analytic Modeling for Precise Speed Tracking of Multilink Robotic Fish. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 5665-5672	8.9	13
113	Biological modeling of complex chemotaxis behaviors for <i>C. elegans</i> under speed regulation—a dynamic neural networks approach. <i>Journal of Computational Neuroscience</i> , 2013 , 35, 19-37	1.4	12
112	On nonlinear sliding mode control for a class of nonlinear cascade systems. <i>International Journal of Systems Science</i> , 2005 , 36, 983-992	2.3	12
111	Control of Dielectric Elastomer Soft Actuators Using Antagonistic Pairs. <i>IEEE/ASME Transactions on Mechatronics</i> , 2019 , 24, 2862-2872	5.5	12
110	Adaptive backstepping repetitive learning control design for nonlinear discrete-time systems with periodic uncertainties. <i>International Journal of Adaptive Control and Signal Processing</i> , 2015 , 29, 524-535	2.8	11
109	Two optimization algorithms for solving robotics inverse kinematics with redundancy. <i>Journal of Control Theory and Applications</i> , 2010 , 8, 166-175		11

108	An adaptive robust control scheme for a class of nonlinear uncertain systems. <i>International Journal of Systems Science</i> , 1997 , 28, 429-434	2.3	10
107	Continuous health condition monitoring: A single Hidden Semi-Markov Model approach 2011 ,		9
106	Modeling and compensation of low fly-height vibrations in high density Hard Disk Drive servo systems 2010 ,		9
105	Iterative learning control for network systems with communication delay or data dropout 2009 ,		9
104	A suboptimal learning control scheme for non-linear systems with time-varying parametric uncertainties. <i>Optimal Control Applications and Methods</i> , 2001 , 22, 111-126	1.7	9
103	Dual IM-based ILC scheme for linear discrete-time systems with iteration-varying reference. <i>IET Control Theory and Applications</i> , 2018 , 12, 129-139	2.5	8
102	Iterative learning control for multi-agent systems consensus tracking 2012 ,		7
101	Current iteration tracking error assisted iterative learning control of uncertain nonlinear discrete-time systems		7
100	Recursive Direct Learning of Control Efforts for Trajectories with Different Magnitude Scales. <i>Asian Journal of Control</i> , 2008 , 4, 49-59	1.7	7
99	A general internal model approach for motion learning. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2008 , 38, 477-87		7
98	Optimal Tuning of PID Parameters Using Iterative Learning Approach 2007 ,		7
97	An initial state learning method for iterative learning control of uncertain time-varying systems		7
96	Discrete-time periodic adaptive control for parametric systems with non-sector nonlinearities. <i>International Journal of Adaptive Control and Signal Processing</i> , 2014 , 28, 987-1001	2.8	6
95	A discrete-time periodic adaptive control approach for parametric-strict-feedback systems 2009 ,		6
94	Supply-side Current Harmonics Control of Three Phase PWM Boost Rectifiers Under Distorted and Unbalanced Supply Voltage Conditions 2007 ,		6
93	On the Discrete-Time Integral Sliding Mode Control		6
92	Effect of Pulse-Width Modulation Schemes on the Performance of Three-Phase Voltage Source Converter 2007 ,		6
91	Fixed point theorem-based iterative learning control for LTV systems with input singularity. <i>IEEE Transactions on Automatic Control</i> , 2003 , 48, 487-492	5.9	6

90	On functional approximation of the equivalent control using learning variable structure control. <i>IEEE Transactions on Automatic Control</i> , 2002 , 47, 824-830	5.9	6
89	Spatial repetitive controller for minimizing circulating harmonic currents in modular multilevel converters for variable frequency applications 2016 ,		6
88	An Evolutionary Constraint-Handling Technique for Parametric Optimization of a Cancer Immunotherapy Model. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2019 , 3, 151-162	4.1	5
87	Towards improvement of MI-BCI performance of subjects with BCI deficiency 2015 ,		5
86	A MATHEMATICAL MODEL OF IMMUNE RESPONSE TO TUMOR INVASION INCORPORATED WITH DANGER MODEL. <i>Journal of Biological Systems</i> , 2015 , 23, 505-526	1.6	5
85	Motion Control of Robotic Fish Under Dynamic Environmental Conditions Using Adaptive Control Approach. <i>IEEE Journal of Oceanic Engineering</i> , 2018 , 43, 381-390	3.3	5
84	Generation of robotic fish locomotion through biomimetic learning 2012 ,		5
83	An iterative learning control approach for synchronization of multi-agent systems under iteration-varying graph 2013 ,		5
82	Iterative learning control with high-order internal model for linear time-varying systems 2009 ,		5
81	Iterative learning control design with high-order internal model for nonlinear systems 2009 ,		5
80	Iterative Learning in Ballistic Control. <i>Proceedings of the American Control Conference</i> , 2007 ,	1.2	5
79	An equilibrium-based learning approach with application to robotic fish. <i>Nonlinear Dynamics</i> , 2018 , 94, 2715-2725	5	4
78	Modeling, Control and Locomotion Planning of an Anguilliform Robotic Fish. <i>Unmanned Systems</i> , 2014 , 02, 295-321	3	4
77	Iterative learning control for systems with nonparametric uncertainties under alignment condition 2012 ,		4
76	Feature selection for tool wear monitoring: A comparative study 2012 ,		4
75	Optimization of distribution network incorporating microgrid using vaccine-AIS 2012 ,		4
74	Classification of musical styles using liquid state machines 2010 ,		4
73	Controller design for a class of nonlinear multi-input systems using modified sliding mode. <i>International Journal of Systems Science</i> , 1997 , 28, 777-789	2.3	4

72	A comparison of robotic fish speed control based on analytical and empirical models 2016,		4
71	Dynamic modeling and characteristics analysis of lateral-pendulum unicycle robot. <i>Robotica</i> , 2017, 35, 537-568	2.1	3
70	A motion control approach for a robotic fish with iterative feedback tuning 2015,		3
69	Zero-error tracking of iterative learning control using probabilistically quantized measurements 2017,		3
68	Iterative Learning Control for Linear Discrete-Time Systems with Unknown High-Order Internal Models: A Time-Frequency Analysis Approach. <i>Asian Journal of Control</i> , 2018, 20, 370-385	1.7	3
67	Multi-agent consensus tracking with initial state error by iterative learning control 2014,		3
66	Freeway ramp metering by macroscopic traffic scheduling with particle swarm optimization 2013,		3
65	Complex chemotaxis behaviors of <i>C. elegans</i> with speed regulation achieved by dynamic neural networks 2012,		3
64	A study on torque modelling of switched reluctance motors 2013,		3
63	Pendulum-balanced autonomous unicycle: Conceptual design and dynamics model 2011,		3
62	An ILC scheme for a class of nonlinear systems with time-varying parameters subject to second-order internal model 2009,		3
61	Self-tuning type variable structure control method for a class of nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 1998, 8, 1133-1153	3.6	3
60	Iterative learning control approach for ramp metering. <i>Journal of Control Theory and Applications</i> , 2005, 3, 27-34		3
59	Dual-scale direct learning control of trajectory tracking for a class of nonlinear uncertain systems. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 1999, 32, 2552-2557		3
58	On the convergence speed of a class of higher-order ILC schemes		3
57	Probing the Impact of Reduced DC Capacitor Size in Variable Speed Drive Loads on Voltage Stability of the Distribution Network at High PV Penetration 2018,		3
56	Differential evolution based high-order peak filter design with application to compensation of contact-induced vibration in HDD servo systems. <i>International Journal of Automation and Computing</i> , 2017, 14, 45-56	3.5	2
55	Terminal Sliding Mode Control for speed tracking of a Carangiform robotic fish 2016,		2

54	Motion Control of a multi-joint robotic fish based on biomimetic learning 2014 ,		2
53	Consensus based approach for economic dispatch problem in a smart grid 2013 ,		2
52	A multi-modal hidden Markov model based approach for continuous health assessment in machinery systems 2011 ,		2
51	Analysis of proportional-navigation guidance law with delayed line-of-sight rate 2010 ,		2
50	Development of real-time control system for single-wheeled inverted pendulum platform 2011 ,		2
49	Corrections to A High-Order Internal Model Based Iterative Learning Control Scheme for Nonlinear Systems With Time-Iteration-Varying Parameters [Nov 10 2665-2670]. <i>IEEE Transactions on Automatic Control</i> , 2011 , 56, 235-235	5.9	2
48	Flow based local ramp metering using iterative learning and PARAMICS platform 2009 ,		2
47	On iterative learning control with high-order internal models 2009 ,		2
46	Iterative learning control of freeway flow via ramp metering and simulation on PARAMICS 2009 ,		2
45	Gait generation and sliding mode control design for anguilliform biomimetic robotic fish 2011 ,		2
44	MODELING AND CONTROL DESIGN OF AN ANGUILLIFORM ROBOTIC FISH. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2012 , 03, 1250018	0.8	2
43	Extracting projectile's aerodynamic drag coefficient curve via high-order iterative learning identification		2
42	ADAPTIVE ROBUST CONTROL OF UNCERTAIN SYSTEMS WITH TIME-VARYING STATE DELAY. <i>Asian Journal of Control</i> , 2008 , 2, 16-23	1.7	2
41	Two Optimization Algorithm for Solving Robotics Inverse Kinematics with Redundancy 2007 ,		2
40	Control of High Performance DC-AC Inverters Using Frequency Domain Based Repetitive Control		2
39	A multiple internal model approach to movement planning		2
38	Direct learning control design for a class of linear time-varying switched systems. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2003 , 50, 1116-1120		2
37	A gain shaped sliding mode control scheme using filtering techniques with applications to multi-link robotic manipulators 2001 ,		2

36	New ILC algorithms with improved convergence for a class of non-affine functions		2
35	Variable structure control of general nonlinear systems and its implementation by nonlinear observers		2
34	Analysis of continuous iterative learning control systems using current cycle feedback		2
33	Application of iterative learning tuning to a dragonfly-like flapping wing micro aerial vehicle 2016 ,		2
32	Generation undulatory locomotion of C. elegans in A crawling robot via biomimetic learning 2016 ,		1
31	On adaptive iterative learning from tracking tasks with different magnitude and time scales 2016 ,		1
30	Novel and efficient local coordinated freeway ramp metering strategy with simultaneous perturbation stochastic approximation-based parameter learning. <i>IET Intelligent Transport Systems</i> , 2014 , 8, 581-589	2.4	1
29	Ballistic learning control: formulation, analysis and convergence. <i>Journal of Control Theory and Applications</i> , 2013 , 11, 325-335		1
28	Motion control for a multi-joint robotic fish with the pectoral fins assistance 2013 ,		1
27	Targets tracking by UAVs in an urban area 2013 ,		1
26	Iterative learning control of linear distributed parameter systems-frequency domain design and analysis 2013 ,		1
25	Biological neural network based chemotaxis behaviors modeling of C. elegans 2010 ,		1
24	Fuzzy logic controller for freeway ramp metering with particle swarm optimization and PARAMICS simulation 2010 ,		1
23	Modelling human falling process based on a five-link bipedal robot 2010 ,		1
22	Real coded GA-based SVM for motor imagery classification in a Brain-Computer Interface 2011 ,		1
21	A dual-loop iterative learning control for nonlinear systems with hysteresis input uncertainty 2009 ,		1
20	Frequency-shaping optimal compensation of low fly-height vibration in high density HDD servo systems 2011 ,		1
19	GA based high-order peak filter design with application to compensation of contact-induced vibration in HDD servo systems 2012 ,		1

18	Sampled-data iterative learning control for a piezoelectric motor 2012,		1
17	A sliding mode control scheme for an underactuated unicycle 2009,		1
16	Iterative learning control strategy for functional neuromuscular stimulation		1
15	Dual frame control scheme with a plug-in frequency domain based repetitive controller for three phase PWM boost rectifier under distorted and unbalanced supply voltages 2008,		1
14	Analysis and Experimental Validation of the Output Voltage and Input Current Performances in Three Phase PWM Boost Rectifiers Under Unbalanced and Distorted Supply Voltage Conditions. <i>Control Applications (CCA), Proceedings of the IEEE International Conference on,</i> 2007,		1
13	Analysis and Control of the Output Instantaneous Power for Three Phase PWM Boost Rectifier Under Unbalanced Supply Voltage Conditions. <i>Industrial Electronics Society (IECON), Annual Conference of IEEE,</i> 2006,		1
12	On Learning Wavelet Control for Affine Nonlinear Systems. <i>Proceedings of the American Control Conference,</i> 2007,	1.2	1
11	A General Internal Model Approach For Motion Learning 2007,		1
10	A multirate iterative learning control scheme		1
9	Robust and almost perfect periodic tracking of nonlinear systems using repetitive VSC 2001,		1
8	Nonlinear integral-type sliding surface for both matched and unmatched uncertain systems 2001,		1
7	Fuzzy PD iterative learning control algorithm for improving tracking accuracy		1
6	Fuzzy Petri net-based optimum scheduling of FMS with human factors		1
5	Learning unknown functions in cascaded nonlinear systems		1
4	On the asymptotic property analysis for a class of adaptive control systems with ϵ -modification. <i>International Journal of Adaptive Control and Signal Processing,</i> 2013, 27, 620-634	2.8	0
3	Oscillation elimination of tip regulation for a single-link flexible manipulator. <i>International Journal of Robust and Nonlinear Control,</i> 2001, 11, 267-285	3.6	0
2	Comments on "Asymptotic state tracking in a class of nonlinear systems via learning-based Inversion". <i>IEEE Transactions on Automatic Control,</i> 2006, 51, 720-720	5.9	
1	Comparative studies on neuro-assisted iterative learning control schemes. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control,</i> 1999, 32, 1463-1468		

