

# Han-Xiong Li

## List of Publications by Year in Descending Order

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

290  
papers

8,341  
citations

49  
h-index

77  
g-index

334  
ext. papers

10,228  
ext. citations

5.3  
avg, IF

6.82  
L-index

#	Paper	IF	Citations
290	Backstepping-based distributed abnormality localization for linear parabolic distributed parameter systems. <i>Automatica</i> , <b>2022</b> , 135, 109930	5.7	4
289	Adaptive Fuzzy Control for an Uncertain Axially Moving Slung-Load Cable System of a Hovering Helicopter with Actuator Fault. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2022</b> , 1-1	8.3	2
288	Two-Dimensional Spatial Construction for Online Modeling of Distributed Parameter Systems. <i>IEEE Transactions on Industrial Electronics</i> , <b>2022</b> , 69, 10227-10235	8.9	1
287	Optimal-Sensing-Based Recursive Estimation for Temperature Distribution of Pouch-Type Batteries. <i>IEEE Transactions on Transportation Electrification</i> , <b>2022</b> , 1-1	7.6	1
286	Space-decomposition-based Spectral Modeling for Distributed Battery Thermal Dynamics. <i>IEEE Transactions on Transportation Electrification</i> , <b>2021</b> , 1-1	7.6	1
285	Spatial-Construction-Based Abnormality Detection and Localization for Distributed Parameter Systems. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 1-1	11.9	1
284	Spatial Construction for Modeling of Unknown Distributed Parameter Systems. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2021</b> , 60, 15184-15193	3.9	2
283	Setup-Independent UHF RFID Sensing Technique Using Multidimensional Differential Measurement. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 10509-10517	10.7	3
282	Spatio-temporal fault localization for nonlinear spatially distributed processes: A spatial mapping filter-based framework. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 6953-6971	3.6	1
281	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 68, 4209-4217	8.9	28
280	Tracking Control of Nanopositioning Stages Using Parallel Resonant Controllers for High-Speed Nonraster Sequential Scanning. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2021</b> , 18, 1218-1228	4.9	7
279	Decomposition-Based Multiobjective Optimization for Constrained Evolutionary Optimization. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 574-587	7.3	30
278	Basis Function Matrix-Based Flexible Coefficient Autoregressive Models: A Framework for Time Series and Nonlinear System Modeling. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 614-623	10.2	17
277	Fuzzy Control Under Spatially Local Averaged Measurements for Nonlinear Distributed Parameter Systems With Time-Varying Delay. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 1359-1369	10.2	9
276	Dissimilarity Analysis-Based Multimode Modeling for Complex Distributed Parameter Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 2789-2797	7.3	3
275	Fast Modeling of Battery Thermal Dynamics Based on Spatio-Temporal Adaptation. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 1-1	11.9	4
274	Modified High-Order SVD for Spatiotemporal Modeling of Distributed Parameter Systems. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	3

273	Adaptive Fuzzy Event-triggered Control of Aerial Refueling Hose System with Actuator Failures. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	6
272	Setup-Independent Sensing Architecture with Multiple UHF RFID Sensor Tags. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	0
271	Time/Space-Separation-Based Gaussian Process Modeling for the Cross-Coupling Effect of a 2-DOF Nanopositioning Stage. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2021</b> , 26, 2186-2194	5.5	9
270	Boundary adaptive fault-tolerant control for a flexible Timoshenko arm with backlash-like hysteresis. <i>Automatica</i> , <b>2021</b> , 130, 109690	5.7	37
269	An adaptive fuzzy penalty method for constrained evolutionary optimization. <i>Information Sciences</i> , <b>2021</b> , 571, 358-374	7.7	3
268	A Surrogate-Assisted Teaching-Learning-Based Optimization for Parameter Identification of the Battery Model. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 5909-5918	11.9	6
267	Dual Separation-Based Spatiotemporal Modeling Methodology for Battery Thermal Process Under Nonhomogeneous Boundary Conditions. <i>IEEE Transactions on Transportation Electrification</i> , <b>2021</b> , 7, 2260-2268 <sup>4</sup>	7.6	4
266	Spatial Decomposition-Based Fault Detection Framework for Parabolic-Distributed Parameter Processes. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	2
265	Abnormal spatio-temporal source estimation for a linear unstable parabolic distributed parameter system: An adaptive PDE observer perspective. <i>Journal of the Franklin Institute</i> , <b>2021</b> , 358, 1656-1672	4	3
264	High-Bandwidth Tracking Control of Piezoactuated Nanopositioning Stages via Active Modal Control. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2021</b> , 1-9	4.9	2
263	Adaptive Robust Control for a Spatial Flexible Timoshenko Manipulator Subject to Input Dead-Zone. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-10	7.3	3
262	Hysteresis modeling with frequency-separation-based Gaussian process and its application to sinusoidal scanning for fast imaging of atomic force microscope. <i>Sensors and Actuators A: Physical</i> , <b>2020</b> , 311, 112070	3.9	5
261	Quantized Sampled-Data Synchronization of Delayed Reaction-Diffusion Neural Networks Under Spatially Point Measurements. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> ,	10.2	6
260	. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2020</b> , 25, 1398-1408	5.5	67
259	Surrogate Model-Based Structure Optimization of Jetting System. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , <b>2020</b> , 10, 494-501	1.7	3
258	Abnormal Source Identification for Parabolic Distributed Parameter Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-10	7.3	5
257	Dimension Embedded Basis Function for Spatiotemporal Modeling of Distributed Parameter System. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 5846-5854	11.9	9
256	A spatial multivariable SVR method for spatiotemporal fuzzy modeling with applications to rapid thermal processing. <i>European Journal of Control</i> , <b>2020</b> , 54, 119-128	2.5	1

255	Spatiotemporal Modeling for Distributed Parameter System under Sparse Sensing. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 16321-16329	3.9	6
254	Interpoint Similarity-Based Uncertainty Measure for Robust Learning. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 5386-5394	7.3	2
253	Dynamic Spatial-Independent-Component-Analysis-Based Abnormality Localization for Distributed Parameter Systems. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 2929-2936	11.9	15
252	Reinforcement Learning-Based Optimal Sensor Placement for Spatiotemporal Modeling. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 2861-2871	10.2	13
251	Estimator-Based $H_\infty$ Sampled-Data Fuzzy Control for Nonlinear Parabolic PDE Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 2491-2500	7.3	15
250	Transfer learning based 3D fuzzy multivariable control for an RTP system. <i>Applied Intelligence</i> , <b>2020</b> , 50, 812-829	4.9	2
249	Boundary Antidisturbance Control of a Spatially Nonlinear Flexible String System. <i>IEEE Transactions on Industrial Electronics</i> , <b>2020</b> , 67, 4846-4856	8.9	77
248	Individual-dependent feasibility rule for constrained differential evolution. <i>Information Sciences</i> , <b>2020</b> , 506, 174-195	7.7	9
247	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2020</b> , 67, 2885-2893	8.9	12
246	Incremental Reinforcement Learning in Continuous Spaces via Policy Relaxation and Importance Weighting. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 1870-1883	10.3	7
245	Mixed Maximum Loss Design for Optic Disc and Optic Cup Segmentation with Deep Learning from Imbalanced Samples. <i>Sensors</i> , <b>2019</b> , 19,	3.8	5
244	Improved $H_2$ sampled-data control for semilinear parabolic PDE systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 1872-1892	3.6	2
243	Rate-dependent hysteresis modeling and compensation of piezoelectric actuators using Gaussian process. <i>Sensors and Actuators A: Physical</i> , <b>2019</b> , 295, 357-365	3.9	20
242	Incremental Reinforcement Learning With Prioritized Sweeping for Dynamic Environments. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2019</b> , 24, 621-632	5.5	21
241	Evolutionary Design of Spatio-temporal Learning Model for Thermal Distribution in Lithium-Ion Batteries. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 2838-2848	11.9	19
240	Sampled-data fuzzy control for a class of nonlinear parabolic distributed parameter systems under spatially point measurements. <i>Fuzzy Sets and Systems</i> , <b>2019</b> , 374, 60-81	3.7	12
239	A Novel Three-Dimensional Fuzzy Modeling Method for Nonlinear Distributed Parameter Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 489-501	8.3	9
238	A Sliding Window Based Dynamic Spatiotemporal Modeling for Distributed Parameter Systems With Time-Dependent Boundary Conditions. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 2044-2053	11.9	15

237	Incremental Spatiotemporal Learning for Online Modeling of Distributed Parameter Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 2612-2622	7.3	17
236	Detection and Spatial Identification of Fault for Parabolic Distributed Parameter Systems. <i>IEEE Transactions on Industrial Electronics</i> , <b>2019</b> , 66, 7300-7309	8.9	17
235	Static Collocated Piecewise Fuzzy Control Design of Quasi-Linear Parabolic PDE Systems Subject to Periodic Boundary Conditions. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 1479-1492	8.3	13
234	Kernel-Based Random Vector Functional-Link Network for Fast Learning of Spatiotemporal Dynamic Processes. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 1016-1026	7.3	22
233	Composite Differential Evolution for Constrained Evolutionary Optimization. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 1482-1495	7.3	54
232	Integrated Sensing-/Model-Based Online Estimation of Jet Dispensing. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , <b>2018</b> , 8, 300-309	1.7	3
231	ISOMAP-Based Spatiotemporal Modeling for Lithium-Ion Battery Thermal Process. <i>IEEE Transactions on Industrial Informatics</i> , <b>2018</b> , 14, 569-577	11.9	26
230	Design and fabrication of inverted tapered micro-pillars for spontaneously transporting liquid upward. <i>Microfluidics and Nanofluidics</i> , <b>2018</b> , 22, 1	2.8	5
229	Learning Rates of Regularized Regression With Multiple Gaussian Kernels for Multi-Task Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 5408-5418	10.3	11
228	. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2018</b> , 26, 2967-2980	8.3	49
227	Uncertain Data Clustering in Distributed Peer-to-Peer Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 2392-2406	10.3	17
226	Smith predictor-based multiple periodic disturbance compensation for long dead-time processes. <i>International Journal of Control</i> , <b>2018</b> , 91, 999-1010	1.5	7
225	Classification of Diffusion Tensor Metrics for the Diagnosis of a Myelopathic Cord Using Machine Learning. <i>International Journal of Neural Systems</i> , <b>2018</b> , 28, 1750036	6.2	22
224	Probabilistic Regularized Extreme Learning Machine for Robust Modeling of Noise Data. <i>IEEE Transactions on Cybernetics</i> , <b>2018</b> , 48, 2368-2377	10.2	15
223	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2018</b> , 65, 9767-9776	8.9	18
222	An improved teaching-learning-based optimization for constrained evolutionary optimization. <i>Information Sciences</i> , <b>2018</b> , 456, 131-144	7.7	20
221	On the selection of solutions for mutation in differential evolution. <i>Frontiers of Computer Science</i> , <b>2018</b> , 12, 297-315	2.2	21
220	Optimal Design of Jetting Configuration for Robust Performance. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , <b>2018</b> , 8, 1300-1306	1.7	1

219	Multi-task Learning Based Spatiotemporal Modeling for Distributed Thermal Processes <b>2018</b> ,		1
218	Novel consistency control strategy for jet dispensing. <i>Journal of Central South University</i> , <b>2018</b> , 25, 1418-1436		1
217	A Regularized Variable Projection Algorithm for Separable Nonlinear Least-Squares Problems. <i>IEEE Transactions on Automatic Control</i> , <b>2018</b> , 1-1	5.9	12
216	Eigenspectrum-Based Iterative Learning Control for a Class of Distributed Parameter System. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 824-836	5.9	24
215	Burg Matrix Divergence-Based Hierarchical Distance Metric Learning for Binary Classification. <i>IEEE Access</i> , <b>2017</b> , 5, 3423-3430	3.5	5
214	Dual least squares support vector machines based spatiotemporal modeling for nonlinear distributed thermal processes. <i>Journal of Process Control</i> , <b>2017</b> , 54, 81-89	3.9	16
213	Sampled-Data Fuzzy Control for Nonlinear Coupled Parabolic PDE-ODE Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 2603-2615	10.2	37
212	The consistency control of mold level in casting process. <i>Control Engineering Practice</i> , <b>2017</b> , 62, 70-78	3.9	5
211	Probabilistic Fuzzy Classification for Stochastic Data. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2017</b> , 25, 1391-1402	3.4	14
210	A Sensitivity-Based Group-Wise Parameter Identification Algorithm for the Electric Model of Li-Ion Battery. <i>IEEE Access</i> , <b>2017</b> , 5, 4377-4387	3.5	14
209	Dempster-Shafer structure based fuzzy logic system for stochastic modeling. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 56, 134-142	7.5	13
208	A Membership-Function-Dependent Approach to Design Fuzzy Pointwise State Feedback Controller for Nonlinear Parabolic Distributed Parameter Systems With Spatially Discrete Actuators. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2017</b> , 47, 1486-1499	7.3	50
207	Exponential stabilization of nonlinear parabolic PDE systems via sampled-data fuzzy control approach <b>2017</b> ,		2
206	A Hierarchical Intelligent Methodology for Spatiotemporal Control of Wafer Temperature in Rapid Thermal Processing. <i>IEEE Transactions on Semiconductor Manufacturing</i> , <b>2017</b> , 30, 52-59	2.6	5
205	Real-Time Estimation of Temperature Distribution for Cylindrical Lithium-Ion Batteries Under Boundary Cooling. <i>IEEE Transactions on Industrial Electronics</i> , <b>2017</b> , 64, 2316-2324	8.9	21
204	Control for Intelligent Manufacturing: A Multiscale Challenge. <i>Engineering</i> , <b>2017</b> , 3, 608-615	9.7	15
203	Dempster-shafer based probabilistic fuzzy logic system for wind speed prediction <b>2017</b> ,		1
202	An adaptive spatiotemporal modeling method for curing thermal process <b>2017</b> ,		2

201	Multi-Scale Parameter Identification of Lithium-Ion Battery Electric Models Using a PSO-LM Algorithm. <i>Energies</i> , <b>2017</b> , 10, 432	3.1	8
200	Fuzzy guaranteed cost sampled-data control of nonlinear systems coupled with a scalar reaction-diffusion process. <i>Fuzzy Sets and Systems</i> , <b>2016</b> , 302, 121-142	3.7	28
199	Deep Learning-Based Model Reduction for Distributed Parameter Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2016</b> , 46, 1664-1674	7.3	50
198	Utilizing cumulative population distribution information in differential evolution. <i>Applied Soft Computing Journal</i> , <b>2016</b> , 48, 329-346	7.5	60
197	Deep auto-encoder in model reduction of large-scale spatiotemporal dynamics <b>2016</b> ,		6
196	An Intelligent Decision System for Intraoperative Somatosensory Evoked Potential Monitoring. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , <b>2016</b> , 24, 300-7	4.8	8
195	Fuzzy clustering with the entropy of attribute weights. <i>Neurocomputing</i> , <b>2016</b> , 198, 125-134	5.4	82
194	Sliding mode control design for a rapid thermal processing system. <i>Chemical Engineering Science</i> , <b>2016</b> , 143, 76-85	4.4	12
193	Spatiotemporal modeling of internal states distribution for lithium-ion battery. <i>Journal of Power Sources</i> , <b>2016</b> , 301, 261-270	8.9	13
192	Incorporating Objective Function Information Into the Feasibility Rule for Constrained Evolutionary Optimization. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 2938-2952	10.2	103
191	Ultrasound aided smooth dispensing for high viscoelastic epoxy in microelectronic packaging. <i>Ultrasonics Sonochemistry</i> , <b>2016</b> , 28, 15-20	8.9	12
190	A neural network-based distributed parameter model identification approach for microcantilever. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , <b>2016</b> , 230, 3663-3676	1.3	1
189	Probabilistic Inference-Based Least Squares Support Vector Machine for Modeling Under Noisy Environment. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2016</b> , 46, 1703-1710	7.3	18
188	A novel incremental learning scheme for reinforcement learning in dynamic environments <b>2016</b> ,		8
187	. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2015</b> , 19, 414-431	15.6	62
186	A variable projection approach for efficient estimation of RBF-ARX model. <i>IEEE Transactions on Cybernetics</i> , <b>2015</b> , 45, 476-85	10.2	76
185	. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , <b>2015</b> , 5, 1019-1026	1.7	9
184	Incorporating PLS model information into particle swarm optimization for descriptor selection in QSAR/QSPR. <i>Journal of Chemometrics</i> , <b>2015</b> , 29, 627-636	1.6	16

183	A Potential Method for Determining Nonlinearity in Wind Data. <i>IEEE Power and Energy Technology Systems Journal</i> , <b>2015</b> , 2, 74-81	4.3	3
182	Sub-domain adaptation learning methodology. <i>Information Sciences</i> , <b>2015</b> , 298, 237-256	7.7	4
181	Extreme learning machine based spatiotemporal modeling of lithium-ion battery thermal dynamics. <i>Journal of Power Sources</i> , <b>2015</b> , 277, 228-238	8.9	18
180	MOMMOP: multiobjective optimization for locating multiple optimal solutions of multimodal optimization problems. <i>IEEE Transactions on Cybernetics</i> , <b>2015</b> , 45, 830-43	10.2	110
179	Comparison of the break-up behaviors of newton and shear thinning non-newton fluid in jet dispensing for LED packaging <b>2015</b> ,		1
178	An incremental Hammerstein-like modeling approach for the decoupled creep, vibration and hysteresis dynamics of piezoelectric actuator. <i>Nonlinear Dynamics</i> , <b>2015</b> , 82, 2097-2118	5	9
177	Prediction of myelopathic level in cervical spondylotic myelopathy using diffusion tensor imaging. <i>Journal of Magnetic Resonance Imaging</i> , <b>2015</b> , 41, 1682-8	5.6	20
176	Gradient Radial Basis Function Based Varying-Coefficient Autoregressive Model for Nonlinear and Nonstationary Time Series. <i>IEEE Signal Processing Letters</i> , <b>2015</b> , 22, 809-812	3.2	43
175	Adaptive optimal control of highly dissipative nonlinear spatially distributed processes with neuro-dynamic programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2015</b> , 26, 684-696	10.3	98
174	Stabilization of an unstable reaction-diffusion PDE cascaded with a heat equation. <i>Systems and Control Letters</i> , <b>2015</b> , 76, 8-18	2.4	20
173	Dynamic switching based fuzzy control strategy for a class of distributed parameter system. <i>Journal of Process Control</i> , <b>2014</b> , 24, 88-97	3.9	26
172	Distributed proportional plus second-order spatial derivative control for distributed parameter systems subject to spatiotemporal uncertainties. <i>Nonlinear Dynamics</i> , <b>2014</b> , 76, 2041-2058	5	18
171	. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2014</b> , 22, 1443-1456	8.3	67
170	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2014</b> , 10, 2300-2307	11.9	41
169	Fidelity-based probabilistic Q-learning for control of quantum systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2014</b> , 25, 920-33	10.3	71
168	Data-Driven Robust Design for a Curing Oven. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , <b>2014</b> , 4, 1366-1373	1.7	2
167	An efficient variable projection formulation for separable nonlinear least squares problems. <i>IEEE Transactions on Cybernetics</i> , <b>2014</b> , 44, 707-11	10.2	31
166	Modeling of laminar fluid flow in jet dispensing process <b>2014</b> ,		4



165	A multiple periodic disturbance rejection control for process with long dead-time. <i>Journal of Process Control</i> , <b>2014</b> , 24, 1394-1401	3.9	8
164	Data-based Suboptimal Neuro-control Design with Reinforcement Learning for Dissipative Spatially Distributed Processes. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2014</b> , 53, 8106-8119	3.9	25
163	Static output feedback control design for linear MIMO systems with actuator dynamics governed by diffusion PDEs. <i>International Journal of Control</i> , <b>2014</b> , 87, 90-100	1.5	12
162	Fuzzy Control Design for Nonlinear ODE-Hyperbolic PDE-Cascaded Systems: A Fuzzy and Entropy-Like Lyapunov Function Approach. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2014</b> , 22, 1313-1324	8.3	25
161	Defining biological networks for noise buffering and signaling sensitivity using approximate Bayesian computation. <i>Scientific World Journal</i> , <b>2014</b> , 2014, 625754	2.2	1
160	<b>2014</b> ,		3
159	A fuzzy-based spatio-temporal multi-modeling for nonlinear distributed parameter processes. <i>Applied Soft Computing Journal</i> , <b>2014</b> , 25, 309-321	7.5	21
158	<b>2014</b> ,		2
157	Fuzzy Boundary Control Design for a Class of Nonlinear Parabolic Distributed Parameter Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2014</b> , 22, 642-652	8.3	105
156	Stability and robust design using a sector nonlinearity approach for nonlinear manufacturing systems. <i>Mechanism and Machine Theory</i> , <b>2014</b> , 82, 115-127	4	5
155	Modeling and identification of nonlinear distributed parameter dynamics of the micro-cantilever <b>2014</b> ,		1
154	Differential evolution based on covariance matrix learning and bimodal distribution parameter setting. <i>Applied Soft Computing Journal</i> , <b>2014</b> , 18, 232-247	7.5	199
153	Multi-variable fuzzy logic control for a class of distributed parameter systems. <i>Journal of Process Control</i> , <b>2013</b> , 23, 351-358	3.9	12
152	SVR learning-based spatiotemporal fuzzy logic controller for nonlinear spatially distributed dynamic systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2013</b> , 24, 1635-47	10.3	18
151	The distance of probabilistic fuzzy sets for classification. <i>Pattern Recognition Letters</i> , <b>2013</b> , 34, 2157-2164	4.7	1
150	Probabilistic support vector machines for classification of noise affected data. <i>Information Sciences</i> , <b>2013</b> , 221, 60-71	7.7	38
149	A Three-Domain Fuzzy Wavelet System for Simultaneous Processing of Time-Frequency Information and Fuzziness. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2013</b> , 21, 176-183	8.3	14
148	A Saturation-Based Tuning Method for Fuzzy PID Controller. <i>IEEE Transactions on Industrial Electronics</i> , <b>2013</b> , 60, 5177-5185	8.9	46

147	Least square regularized regression in sum space. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2013</b> , 24, 635-46	10.3	23
146	Architecture-dependent robustness in a class of multiple positive feedback loops. <i>IET Systems Biology</i> , <b>2013</b> , 7, 1-10	1.4	2
145	Least Square Regularized Regression for Multitask Learning. <i>Abstract and Applied Analysis</i> , <b>2013</b> , 2013, 1-7	0.7	1
144	Guaranteed cost distributed fuzzy observer-based control for a class of nonlinear spatially distributed processes. <i>AIChE Journal</i> , <b>2013</b> , 59, 2366-2378	3.6	17
143	Integrated Modeling for Intelligent Battery Thermal Management <b>2013</b> ,		1
142	Stochastically exponential stability and stabilization of uncertain linear hyperbolic PDE systems with Markov jumping parameters. <i>Automatica</i> , <b>2012</b> , 48, 569-576	5.7	37
141	Robustness of fuzzy PID controller due to its inherent saturation. <i>Journal of Process Control</i> , <b>2012</b> , 22, 470-476	3.9	25
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