Zhi Liu

List of Publications by Year in Descending Order

140 papers	4,413 citations	34 h-index	62 g-index
158 ext. papers	5,469 ext. citations	6 avg, IF	6.36 L-index

#	Paper	IF	Citations
140	Adaptive Fuzzy Fixed-Time Control of Switched Systems: Mode-Dependent Power Integrator Method. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2022**, 1-15	7.3	1
139	Event-triggered fuzzy control for nonlinear time-delay system with full-state constraints and unknown hysteresis. *Journal of the Franklin Institute*, **2022**, 359, 1582-1611	4	0
138	Adaptive Fixed-Time Neural Control for Uncertain Nonlinear Multiagent Systems.. *IEEE Transactions on Neural Networks and Learning Systems*, **2022**, PP,	10.3	1
137	Event-Triggered Prescribed Settling Time Consensus Compensation Control for a Class of Uncertain Nonlinear Systems With Actuator Failures. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	2
136	Adaptive Fuzzy Inverse Optimal Fixed-Time Control of Uncertain Nonlinear Systems. *IEEE Transactions on Fuzzy Systems*, **2021**, 1-1	8.3	0
135	Adaptive neural inverse optimal tracking control for uncertain multi-agent systems. *Information Sciences*, **2021**, 584, 31-31	7.7	1
134	Adaptive fuzzy control for uncertain nonlinear systems subject to full state constraints and actuator faults. *Information Sciences*, **2021**, 581, 553-566	7.7	5
133	Neuroadaptive asymptotic consensus tracking control for a class of uncertain nonlinear multiagent systems with sensor faults. *Information Sciences*, **2021**, 584, 685-685	7.7	3
132	Command filtered neural control of multi-agent systems with input quantization and unknown control direction. *Neurocomputing*, **2021**, 430, 47-57	5.4	3
131	Adaptive fuzzy control of switched nonlinear systems with uncertain dead-zone: A mode-dependent fuzzy dead-zone model. *Neurocomputing*, **2021**, 432, 133-144	5.4	9
130	Integral-interval barrier Lyapunov function based control of switched systems with fuzzy saturation-deadzone. *Nonlinear Dynamics*, **2021**, 104, 3809	5	1
129	Distributed adaptive fuzzy control approach for prescribed-time containment of uncertain nonlinear multi-agent systems with unknown hysteresis. *Nonlinear Dynamics*, **2021**, 105, 257-275	5	3
128	A novel fuzzy control with filter-based event-triggered mechanism for nonlinear uncertain stochastic systems suffered input hysteresis. *Fuzzy Sets and Systems*, **2021**,	3.7	1
127	Adaptive neural consensus tracking control for multi-agent systems with unknown state and input hysteresis. *Nonlinear Dynamics*, **2021**, 105, 1625-1641	5	1
126	Fuzzy Adaptive Two-Bit-Triggered Control for a Class of Uncertain Nonlinear Systems With Actuator Failures and Dead-Zone Constraint. *IEEE Transactions on Cybernetics*, **2021**, 51, 210-221	10.2	31
125	Event-Triggered Adaptive Fuzzy Tracking Control With Guaranteed Transient Performance for MIMO Nonlinear Uncertain Systems. *IEEE Transactions on Cybernetics*, **2021**, 51, 736-749	10.2	12
124	Adaptive Consensus Tracking Control of Uncertain Nonlinear Multiagent Systems With Predefined Accuracy. *IEEE Transactions on Cybernetics*, **2021**, 51, 405-415	10.2	30

123	Event-Triggered Adaptive Fuzzy Tracking Control for Uncertain Nonlinear Systems Preceded by Unknown Prandtl-Ishlinskii Hysteresis. *IEEE Transactions on Cybernetics*, **2021**, 51, 2979-2992	10.2	9
122	Indirect Fuzzy Control of Nonlinear Systems With Unknown Input and State Hysteresis Using an Alternative Adaptive Inverse. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 500-514	8.3	6
121	Direct Adaptive Fuzzy Control Scheme With Guaranteed Tracking Performances For Uncertain Canonical Nonlinear Systems. *IEEE Transactions on Fuzzy Systems*, **2021**, 1-1	8.3	3
120	Distributed Adaptive Neural Fixed-Time Tracking Control of Multiple Uncertain Mechanical Systems With Actuation Dead Zones. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-14	7.3	2
119	Inverse Optimal Design of Direct Adaptive Fuzzy Controllers for Uncertain Nonlinear Systems. *IEEE Transactions on Fuzzy Systems*, **2021**, 1-1	8.3	4
118	Adaptive Inverse Compensation for Unknown Input and Output Hysteresis Using Output Feedback Neural Control. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-13	7.3	
117	Neural Adaptive Self-Triggered Control for Uncertain Nonlinear Systems With Input Hysteresis. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	6
116	Prescribed-time containment control with prescribed performance for uncertain nonlinear multi-agent systems. *Journal of the Franklin Institute*, **2021**, 358, 1782-1811	4	3
115	Adaptive neural event-triggered control for nonlinear uncertain system with input constraint based on auxiliary system. *International Journal of Robust and Nonlinear Control*, **2021**, 31, 7528-7545	3.6	0
114	A Surrogate-Assisted Teaching-Learning-Based Optimization for Parameter Identification of the Battery Model. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 5909-5918	11.9	6
113	Adaptive neural design of fixed-time controllers for MIMO systems with nonlinear static and dynamic interactions. *Neurocomputing*, **2021**, 457, 293-305	5.4	1
112	Adaptive neural control for uncertain switched nonlinear systems with a switched filter-contained hysteretic quantizer. *Information Sciences*, **2021**, 581, 345-361	7.7	0
111	Multiscale Random Convolution Broad Learning System for Hyperspectral Image Classification. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 1-5	4.1	0
110	Finite-time distributed cooperative control for heterogeneous nonlinear multi-agent systems with unknown input constraints. *Neurocomputing*, **2020**, 415, 123-134	5.4	4
109	Distributed adaptive cooperative control for uncertain nonlinear multi-agent systems with hysteretic quantized input. *Journal of the Franklin Institute*, **2020**, 357, 4645-4663	4	11
108	Resilient Adaptive Neural Control for Uncertain Nonlinear Systems With Infinite Number of Time-Varying Actuator Failures. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	7
107	Quaternion broad learning system: A novel multi-dimensional filter for estimation and elimination tremor in teleoperation. *Neurocomputing*, **2020**, 380, 78-86	5.4	8
106	Distributed adaptive neural control for uncertain multi-agent systems with unknown actuator failures and unknown dead zones. *Nonlinear Dynamics*, **2020**, 99, 1001-1017	5	13

105	Three-domain fuzzy wavelet broad learning system for tremor estimation. *Knowledge-Based Systems*, **2020**, 192, 105295	7.3	4
104	Adaptive Control of Noncanonical Neural-Network Nonlinear Systems With Unknown Input Dead-Zone Characteristics. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 3346-3360	10.3	7
103	Fixed-Time Adaptive Fuzzy Control for Uncertain Nonlinear Systems. *IEEE Transactions on Fuzzy Systems*, **2020**, 1-1	8.3	16
102	Fixed-Time Fuzzy Control for a Class of Nonlinear Systems. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	9
101	Adaptive Fuzzy Quantized Control for Nonlinear Systems With Hysteretic Actuator Using a New Filter-Connected Quantizer. *IEEE Transactions on Cybernetics*, **2020**, 50, 876-889	10.2	14
100	Adaptive tracking control for switched nonlinear systems with fuzzy actuator backlash. *Fuzzy Sets and Systems*, **2020**, 385, 60-80	3.7	14
99	Adaptive Neural Control of a Class of Stochastic Nonlinear Uncertain Systems With Guaranteed Transient Performance. *IEEE Transactions on Cybernetics*, **2020**, 50, 2971-2981	10.2	41
98	Event-Triggered Neural Control of Nonlinear Systems With Rate-Dependent Hysteresis Input Based on a New Filter. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 1270-1284	10.3	35
97	Adaptive Neural Quantized Control for a Class of MIMO Switched Nonlinear Systems With Asymmetric Actuator Dead-Zone. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 1927-1941	10.3	13
96	Adaptive Fuzzy Output-Feedback Control for Switched Nonlinear Systems With Stable and Unstable Unmodeled Dynamics. *IEEE Transactions on Fuzzy Systems*, **2020**, 28, 1825-1839	8.3	32
95	Adaptive Neural Control for Switched Nonlinear Systems With Unstable Dynamic Uncertainties: A Small Gain-Based Approach. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	4
94	Extended dimension fuzzy adaptive control for nonlinear uncertain stochastic systems with actuator constraints. *Nonlinear Dynamics*, **2019**, 98, 1315-1329	5	3
93	Neural Adaptive Event-Triggered Control for Nonlinear Uncertain Stochastic Systems With Unknown Hysteresis. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 3300-3312	10.3	62
92	Synchronized adaptive control for coordinating manipulators with time-varying actuator constraint and uncertain dynamics. *International Journal of Robust and Nonlinear Control*, **2019**, 29, 4149	3.6	3
91	Robust adaptive visual tracking control for uncertain robotic systems with unknown dead-zone inputs. *Journal of the Franklin Institute*, **2019**, 356, 6255-6279	4	10
90	Observer-based finite time control of nonlinear systems with actuator failures. *Information Sciences* , **2019**, 500, 1-14	7.7	20
89	A wavelet broad learning adaptive filter for forecasting and cancelling the physiological tremor in teleoperation. *Neurocomputing*, **2019**, 356, 170-183	5.4	10
88	Adaptive neural control for switched nonlinear systems with unmodeled dynamics and unknown output hysteresis. *Neurocomputing*, **2019**, 341, 107-117	5.4	12

87	Adaptive fuzzy output feedback control for nonlinear systems based on event-triggered mechanism. *Information Sciences*, **2019**, 486, 419-433	7.7	21
86	Adaptive Fuzzy Control for Teleoperation System with Uncertain Kinematics and Dynamics. *International Journal of Control, Automation and Systems*, **2019**, 17, 1158-1166	2.9	11
85	Event-triggered neural adaptive failure compensation control for stochastic systems with dead-zone output. *Nonlinear Dynamics*, **2019**, 96, 2179-2196	5	13
84	Event-Triggered Adaptive Fuzzy Control for Uncertain Strict-Feedback Nonlinear Systems With Guaranteed Transient Performance. *IEEE Transactions on Fuzzy Systems*, **2019**, 27, 2327-2337	8.3	19
83	sEMG Gestures Recognition Based on Wavelet Broad Learning System **2019**,		2
82	Indirect Adaptive Fuzzy Control Design With Guaranteed Tracking Error Performance For Uncertain Canonical Nonlinear Systems. *IEEE Transactions on Fuzzy Systems*, **2019**, 27, 1139-1150	8.3	20
81	Adaptive finite-time control of stochastic nonlinear systems with actuator failures. *Fuzzy Sets and Systems*, **2019**, 374, 170-183	3.7	37
80	Adaptive Fuzzy Output Feedback Quantized Control for Uncertain Nonlinear Hysteretic Systems Using a New Feedback-Based Quantizer. *IEEE Transactions on Fuzzy Systems*, **2019**, 27, 1738-1752	8.3	7
79	Adaptive Fuzzy Tracking Control of Uncertain Nonlinear Systems Subject to Actuator Dead Zone With Piecewise Time-Varying Parameters. *IEEE Transactions on Fuzzy Systems*, **2019**, 27, 1493-1505	8.3	13
78	Resilient adaptive and H□controls of multi-agent systems under sensor and actuator faults. *Automatica*, **2019**, 102, 19-26	5.7	71
77	Fuzzy Adaptive Compensation Control of Uncertain Stochastic Nonlinear Systems With Actuator Failures and Input Hysteresis. *IEEE Transactions on Cybernetics*, **2019**, 49, 2-13	10.2	41
76	Event-triggered fuzzy adaptive compensation control for uncertain stochastic nonlinear systems with given transient specification and actuator failures. *Fuzzy Sets and Systems*, **2019**, 365, 1-21	3.7	14
75	Adaptive neural network-based visual servoing control for manipulator with unknown output nonlinearities. *Information Sciences*, **2018**, 451-452, 16-33	7.7	15
74	Adaptive backstepping-based tracking control of a class of uncertain switched nonlinear systems. *Automatica*, **2018**, 91, 301-310	5.7	48
73	Adaptive inverse compensation for actuator backlash with piecewise time-varying parameters. *International Journal of Control*, **2018**, 91, 337-345	1.5	9
72	Adaptive Compensation for Infinite Number of Time-Varying Actuator Failures in Fuzzy Tracking Control of Uncertain Nonlinear Systems. *IEEE Transactions on Fuzzy Systems*, **2018**, 26, 474-486	8.3	25
71	Personalized Variable Gain Control With Tremor Attenuation for Robot Teleoperation. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 1759-1770	7.3	110
70	Event-triggered robust adaptive control for uncertain nonlinear systems preceded by actuator dead-zone. *Nonlinear Dynamics*, **2018**, 93, 219-231	5	22

69	Tremor attenuation for surgical robots using support vector machine with parameters optimization **2018**,		2
68	Event Trigger Fuzzy Adaptive Compensation Control of Uncertain Stochastic Nonlinear Systems With Actuator Failures. *IEEE Transactions on Fuzzy Systems*, **2018**, 26, 3770-3781	8.3	40
67	Adaptive compensation for infinite number of actuator failures based on tuning function approach. *Automatica*, **2018**, 87, 365-374	5.7	31
66	Asymptotic adaptive control of nonlinear systems with elimination of overparametrization in a Nussbaum-like design. *Automatica*, **2018**, 98, 277-284	5.7	21
65	Bipedal walking pattern generation and control for humanoid robot with bivariate stability margin optimization. *Advances in Mechanical Engineering*, **2018**, 10, 168781401880088	1.2	0
64	Asymmetric Actuator Backlash Compensation in Quantized Adaptive Control of Uncertain Networked Nonlinear Systems. *IEEE Transactions on Neural Networks and Learning Systems*, **2017**, 28, 294-307	10.3	51
63	. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2017**, 47, 1123-1134	7.3	18
62	Adaptive fuzzy quantized control of time-delayed nonlinear systems with communication constraint. *Fuzzy Sets and Systems*, **2017**, 314, 61-78	3.7	25
61	Asymptotic Fuzzy Tracking Control for a Class of Stochastic Strict-Feedback Systems. *IEEE Transactions on Fuzzy Systems*, **2017**, 25, 556-568	8.3	30
60	Fuzzy Adaptive Inverse Compensation Method to Tracking Control of Uncertain Nonlinear Systems With Generalized Actuator Dead Zone. *IEEE Transactions on Fuzzy Systems*, **2017**, 25, 191-204	8.3	83
59	Adaptive Inversion-Based Fuzzy Compensation Control of Uncertain Pure-Feedback Systems With Asymmetric Actuator Backlash. *IEEE Transactions on Fuzzy Systems*, **2017**, 25, 141-155	8.3	16
58	Adaptive compensation for infinite number of actuator failures/faults using output feedback control. *Information Sciences*, **2017**, 399, 1-12	7.7	23
57	Adaptive fuzzy visual tracking control for manipulator with quantized saturation input. *Nonlinear Dynamics*, **2017**, 89, 1241-1258	5	19
56	Asymptotic Fuzzy Neural Network Control for Pure-Feedback Stochastic Systems Based on a Semi-Nussbaum Function Technique. *IEEE Transactions on Cybernetics*, **2017**, 47, 2448-2459	10.2	18
55	Adaptive neural control of MIMO stochastic systems with unknown high-frequency gains. *Information Sciences*, **2017**, 418-419, 513-530	7.7	8
54	Direct adaptive compensation for actuator failures and dead-Zone constraints in tracking control of uncertain nonlinear systems. *Information Sciences*, **2017**, 417, 328-343	7.7	9
53	Adaptive asymptotic control of multivariable systems based on a one-parameter estimation approach. *Automatica*, **2017**, 83, 124-132	5.7	40
52	Adaptive Consensus of Nonlinear Multi-Agent Systems With Non-Identical Partially Unknown Control Directions and Bounded Modelling Errors. *IEEE Transactions on Automatic Control*, **2017**, 62, 4654-4659	5.9	126

51	Neural Network-Based Adaptive Leader-Following Consensus Control for a Class of Nonlinear Multiagent State-Delay Systems. *IEEE Transactions on Cybernetics*, **2017**, 47, 2151-2160	10.2	207
50	Adaptive Fuzzy Asymptotic Control of MIMO Systems With Unknown Input Coefficients Via a Robust Nussbaum Gain-Based Approach. *IEEE Transactions on Fuzzy Systems*, **2017**, 25, 1252-1263	8.3	62
49	Adaptive bilateral control of teleoperators with actuator uncertainty and quantized input. *Advances in Mechanical Engineering*, **2017**, 9, 168781401773955	1.2	
48	Adaptive Fuzzy Tracking Control of Nonlinear Systems With Asymmetric Actuator Backlash Based on a New Smooth Inverse. *IEEE Transactions on Cybernetics*, **2016**, 46, 1250-62	10.2	60
47	Modeling and Adaptive Compensation of Unknown Multiple Frequency Vibrations for the Stabilization and Control of an Active Isolation System. *IEEE Transactions on Control Systems Technology*, **2016**, 24, 900-911	4.8	15
46	Observer-Based Adaptive Backstepping Consensus Tracking Control for High-Order Nonlinear Semi-Strict-Feedback Multiagent Systems. *IEEE Transactions on Cybernetics*, **2016**, 46, 1591-601	10.2	380
45	Adaptive Fuzzy Control for a Class of Stochastic Pure-Feedback Nonlinear Systems With Unknown Hysteresis. *IEEE Transactions on Fuzzy Systems*, **2016**, 24, 140-152	8.3	128
44	Energy-efficient yaw moment control for humanoid robot utilizing arms swing. *International Journal of Precision Engineering and Manufacturing*, **2016**, 17, 1121-1128	1.7	6
43	Online walking control system for biped robot with optimized learning mechanism: an experimental study. *Nonlinear Dynamics*, **2016**, 86, 2035-2047	5	5
42	Adaptive asymptotic tracking control of uncertain nonlinear system with input quantization. *Systems and Control Letters*, **2016**, 96, 23-29	2.4	53
41	Adaptive control of MIMO mechanical systems with unknown actuator nonlinearities based on the Nussbaum gain approach. *IEEE/CAA Journal of Automatica Sinica*, **2016**, 3, 26-34	7	18
40	Fuzzy Adaptive Quantized Control for a Class of Stochastic Nonlinear Uncertain Systems. *IEEE Transactions on Cybernetics*, **2016**, 46, 524-34	10.2	197
39	Adaptive consensus of nonlinear multi-agent systems with unknown backlash-like hysteresis. *Neurocomputing*, **2016**, 175, 698-703	5.4	24
38	Fuzzy density weight-based support vector regression for image denoising. *Information Sciences*, **2016**, 339, 175-188	7.7	8
37	Adaptive Quantized Controller Design Via Backstepping and Stochastic Small-Gain Approach. *IEEE Transactions on Fuzzy Systems*, **2016**, 24, 330-343	8.3	68
36	Quantisation-based robust control of uncertain non-strict-feedback non-linear systems under arbitrary switching. *IET Control Theory and Applications*, **2016**, 10, 582-589	2.5	16
35	Adaptive robust image-based visual servoing control of robot with unknown actuator hysteresis. *Nonlinear Dynamics*, **2016**, 85, 547-561	5	7
34	Saturated Nussbaum Function Based Approach for Robotic Systems With Unknown Actuator Dynamics. *IEEE Transactions on Cybernetics*, **2016**, 46, 2311-2322	10.2	97

33	A SVM controller for the stable walking of biped robots based on small sample sizes. *Applied Soft Computing Journal*, **2016**, 38, 738-753	7.5	16
32	Distributed adaptive coordination control for uncertain nonlinear multi-agent systems with dead-zone input. *Journal of the Franklin Institute*, **2016**, 353, 2270-2289	4	45
31	Adaptive quantized fuzzy control of stochastic nonlinear systems with actuator dead-zone. *Information Sciences*, **2016**, 370-371, 385-401	7.7	32
30	A time-sequence-based fuzzy support vector machine adaptive filter for tremor cancelling for microsurgery. *International Journal of Systems Science*, **2015**, 46, 1131-1146	2.3	13
29	Adaptive Fuzzy Tracking Control of Nonlinear Time-Delay Systems With Dead-Zone Output Mechanism Based on a Novel Smooth Model. *IEEE Transactions on Fuzzy Systems*, **2015**, 23, 1998-2011	8.3	97
28	Adaptive robust fuzzy control for dual arm robot with unknown input deadzone nonlinearity. *Nonlinear Dynamics*, **2015**, 81, 1301-1314	5	25
27	Adaptive control of robotic systems with unknown actuator nonlinearities and control directions. *Nonlinear Dynamics*, **2015**, 81, 1289-1300	5	26
26	Consensus of second-order nonlinear multi-agent systems under state-controlled switching topology. *Nonlinear Dynamics*, **2015**, 81, 1871-1878	5	16
25	Adaptive Neural Output Feedback Control of Output-Constrained Nonlinear Systems With Unknown Output Nonlinearity. *IEEE Transactions on Neural Networks and Learning Systems*, **2015**, 26, 1789-802	10.3	98
24	Neural-network-based adaptive leader-following consensus control for second-order non-linear multi-agent systems. *IET Control Theory and Applications*, **2015**, 9, 1927-1934	2.5	173
23	Adaptive Tracking Control for A Class of Nonlinear Systems With a Fuzzy Dead-Zone Input. *IEEE Transactions on Fuzzy Systems*, **2015**, 23, 193-204	8.3	107
22	Fuzzy adaptive control of nonlinear uncertain plants with unknown dead zone output. *Fuzzy Sets and Systems*, **2015**, 263, 27-48	3.7	61
21	. *IEEE Transactions on Fuzzy Systems*, **2015**, 23, 605-616	8.3	50
20	Adaptive fuzzy dynamic surface control for a class of nonlinear systems with fuzzy dead zone and dynamic uncertainties. *Nonlinear Dynamics*, **2015**, 79, 1693-1709	5	29
19	Adaptive fuzzy output-feedback controller design for nonlinear systems via backstepping and small-gain approach. *IEEE Transactions on Cybernetics*, **2014**, 44, 1714-25	10.2	95
18	Second-order consensus of nonlinear multi-agent systems with restricted switching topology and time delay. *Nonlinear Dynamics*, **2014**, 78, 881-887	5	31
17	A three-domain fuzzy support vector regression for image denoising and experimental studies. *IEEE Transactions on Cybernetics*, **2014**, 44, 516-25	10.2	31
16	A three-domain fuzzy wavelet network filter using fuzzy PSO for robotic assisted minimally invasive surgery. *Knowledge-Based Systems*, **2014**, 66, 13-27	7.3	14

15	Adaptive neural control for a class of nonlinear time-varying delay systems with unknown hysteresis. *IEEE Transactions on Neural Networks and Learning Systems*, **2014**, 25, 2129-40	10.3	115
14	Interval type-2 fuzzy kernel based support vector machine algorithm for scene classification of humanoid robot. *Soft Computing*, **2014**, 18, 589-606	3.5	10
13	Adaptive mechanism-based congestion control for networked systems. *International Journal of Systems Science*, **2013**, 44, 533-544	2.3	12
12	Energy-efficient SVM learning control system for biped walking robots. *IEEE Transactions on Neural Networks and Learning Systems*, **2013**, 24, 831-7	10.3	33
11	A Three-Domain Fuzzy Wavelet System for Simultaneous Processing of Time-Frequency Information and Fuzziness. *IEEE Transactions on Fuzzy Systems*, **2013**, 21, 176-183	8.3	14
10	Type-2 hierarchical fuzzy system for high-dimensional data-based modeling with uncertainties. *Soft Computing*, **2012**, 16, 1945-1957	3.5	12
9	Energy-Efficiency-Based Gait Control System Architecture and Algorithm for Biped Robots. *IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews*, **2012**, 42, 926-933		19
8	Adaptive fuzzy wavelet neural network filter for hand tremor canceling in microsurgery. *Applied Soft Computing Journal*, **2011**, 11, 5315-5329	7.5	13
7	An interval-based congestion control algorithm under varying network conditions. *International Journal of Control, Automation and Systems*, **2011**, 9, 98-103	2.9	1
6	Adaptive least squares support vector machines filter for hand tremor canceling in microsurgery. *International Journal of Machine Learning and Cybernetics*, **2011**, 2, 37-47	3.8	123
5	A three-dimensional probabilistic fuzzy control system for network queue management. *Journal of Control Theory and Applications*, **2009**, 7, 29-34		3
4	A probabilistic wavelet system for stochastic and incomplete data-based modeling. *IEEE Transactions on Systems, Man, and Cybernetics*, **2008**, 38, 310-9		11
3	A Type-2 Fuzzy Switching Control System for Biped Robots. *IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews*, **2007**, 37, 1202-1213		56
2	A probabilistic fuzzy logic system for modeling and control. *IEEE Transactions on Fuzzy Systems*, **2005**, 13, 848-859	8.3	120
1	Hybrid spatial-spectral feature in broad learning system for Hyperspectral image classification. *Applied Intelligence*,1	4.9	1