

Loc Le Tien

List of Publications by Year in descending order

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297
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Organizing Double Function-Link Fuzzy Brain Emotional Control System Design for Uncertain Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1852-1868.	9.3	13
2	Self-Evolving Interval Type-2 Fuzzy Neural Network Design for the Synchronization of Chaotic Systems. Studies in Fuzziness and Soft Computing, 2022, , 83-101.	0.8	1
3	Interval type-2 fuzzy brain emotional control design for the synchronization of 4D nonlinear hyperchaotic systems. Soft Computing, 2021, 25, 14509-14535.	3.6	4
4	Multilayer Interval Type-2 Fuzzy Controller Design for Hyperchaotic Synchronization. IEEE Access, 2021, 9, 155286-155296.	4.2	2
5	DC-DC converters design using a type-2 wavelet fuzzy cerebellar model articulation controller. Neural Computing and Applications, 2020, 32, 2217-2229.	5.6	19
6	A TOPSIS multi-criteria decision method-based intelligent recurrent wavelet CMAC control system design for MIMO uncertain nonlinear systems. Neural Computing and Applications, 2020, 32, 4025-4043.	5.6	18
7	Adaptive filter design for active noise cancellation using recurrent type-2 fuzzy brain emotional learning neural network. Neural Computing and Applications, 2020, 32, 8725-8734.	5.6	14
8	A New Self-Organizing Fuzzy Cerebellar Model Articulation Controller for Uncertain Nonlinear Systems Using Overlapped Gaussian Membership Functions. IEEE Transactions on Industrial Electronics, 2020, 67, 9671-9682.	7.9	40
9	A Mixed Gaussian Membership Function Fuzzy CMAC for a Three-Link Robot. , 2020, , .		5
10	Wavelet Interval Type-2 Fuzzy Quad-Function-Link Brain Emotional Control Algorithm for the Synchronization of 3D Nonlinear Chaotic Systems. International Journal of Fuzzy Systems, 2020, 22, 2546-2564.	4.0	24
11	Multilayer Interval Type-2 Fuzzy Controller Design for Quadcopter Unmanned Aerial Vehicles Using Jaya Algorithm. IEEE Access, 2020, 8, 181246-181257.	4.2	9
12	Hybrid Neural Network Cerebellar Model Articulation Controller Design for Non-linear Dynamic Time-Varying Plants. Frontiers in Neuroscience, 2020, 14, 695.	2.8	5
13	Autonomous Quadcopter Precision Landing Onto a Heaving Platform: New Method and Experiment. IEEE Access, 2020, 8, 167192-167202.	4.2	39
14	Optimum Design of Function-Link Type-2 Fuzzy Asymmetric CMAC Based on Self-Organizing Algorithm and Modified Jaya Algorithm. IEEE Access, 2020, 8, 202365-202378.	4.2	5
15	Self-Organizing Interval Type-2 Fuzzy Asymmetric CMAC Design to Synchronize Chaotic Satellite Systems Using a Modified Grey Wolf Optimizer. IEEE Access, 2020, 8, 53697-53709.	4.2	17
16	A Modified Grey Wolf Optimizer for Optimum Parameters of Multilayer Type-2 Asymmetric Fuzzy Controller. IEEE Access, 2020, 8, 121611-121629.	4.2	11
17	Online Tuning of PID Controller Using a Multilayer Fuzzy Neural Network Design for Quadcopter Attitude Tracking Control. Frontiers in Neurorobotics, 2020, 14, 619350.	2.8	4
18	Chaotic Synchronization Using a Self-Evolving Recurrent Interval Type-2 Petri Cerebellar Model Articulation Controller. Mathematics, 2020, 8, 219.	2.2	14

#	ARTICLE	IF	CITATIONS
19	A Double Function-Link Function-Based Fuzzy Brain Emotional Controller for Synchronizing a 4D Hyper-Chaotic System. , 2020, , .		6
20	Adaptive TOPSIS fuzzy CMAC back-stepping control system design for nonlinear systems. Soft Computing, 2019, 23, 6947-6966.	3.6	24
21	A K-means Interval Type-2 Fuzzy Neural Network for Medical Diagnosis. International Journal of Fuzzy Systems, 2019, 21, 2258-2269.	4.0	18
22	Self-Evolving Interval Type-2 Wavelet Cerebellar Model Articulation Control Design for Uncertain Nonlinear Systems Using PSO. International Journal of Fuzzy Systems, 2019, 21, 2524-2541.	4.0	15
23	Interval Type-2 Petri CMAC Design for 4D Chaotic System. , 2019, , .		8
24	Intelligent fuzzy controller design for antilock braking systems. Journal of Intelligent and Fuzzy Systems, 2019, 36, 3303-3315.	1.4	15
25	Fuzzy C-Means Clustering Interval Type-2 Cerebellar Model Articulation Neural Network for Medical Data Classification. IEEE Access, 2019, 7, 20967-20973.	4.2	22
26	Self-Organizing Recurrent Interval Type-2 Petri Fuzzy Design for Time-Varying Delay Systems. IEEE Access, 2019, 7, 10505-10514.	4.2	17
27	A modified function-link fuzzy cerebellar model articulation controller using a PI-type learning algorithm for nonlinear system synchronization and control. Chaos, Solitons and Fractals, 2019, 118, 65-82.	5.1	14
28	Self-Organizing Recurrent Wavelet Fuzzy Neural Network-Based Control System Design for MIMO Uncertain Nonlinear Systems Using TOPSIS Method. International Journal of Fuzzy Systems, 2019, 21, 468-487.	4.0	19
29	Self-evolving function-link interval type-2 fuzzy neural network for nonlinear system identification and control. Neurocomputing, 2018, 275, 2239-2250.	5.9	80
30	Breast Cancer Diagnosis Using K-Means Type-2 Fuzzy Neural Network. , 2018, , .		2
31	Self-evolving type-2 fuzzy brain emotional learning control design for chaotic systems using PSO. Applied Soft Computing Journal, 2018, 73, 418-433.	7.2	63
32	PSO-Self-Organizing Interval Type-2 Fuzzy Neural Network for Antilock Braking Systems. International Journal of Fuzzy Systems, 2017, 19, 1362-1374.	4.0	39
33	WCMAC-based control system design for nonlinear systems using PSO. Journal of Intelligent and Fuzzy Systems, 2017, 33, 807-818.	1.4	20
34	Breast Tumor Computer-aided Diagnosis using Self-Validating Cerebellar Model Neural Networks. Acta Polytechnica Hungarica, 2016, 13, .	2.9	6