

Loc Le Tien

List of Publications by Year in descending order

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34
papers

612
citations

566801

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34
all docs

34
docs citations

34
times ranked

297
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-evolving function-link interval type-2 fuzzy neural network for nonlinear system identification and control. <i>Neurocomputing</i> , 2018, 275, 2239-2250.	3.5	80
2	Self-evolving type-2 fuzzy brain emotional learning control design for chaotic systems using PSO. <i>Applied Soft Computing Journal</i> , 2018, 73, 418-433.	4.1	63
3	A New Self-Organizing Fuzzy Cerebellar Model Articulation Controller for Uncertain Nonlinear Systems Using Overlapped Gaussian Membership Functions. <i>IEEE Transactions on Industrial Electronics</i> , 2020, 67, 9671-9682.	5.2	40
4	PSO-Self-Organizing Interval Type-2 Fuzzy Neural Network for Antilock Braking Systems. <i>International Journal of Fuzzy Systems</i> , 2017, 19, 1362-1374.	2.3	39
5	Autonomous Quadcopter Precision Landing Onto a Heaving Platform: New Method and Experiment. <i>IEEE Access</i> , 2020, 8, 167192-167202.	2.6	39
6	Adaptive TOPSIS fuzzy CMAC back-stepping control system design for nonlinear systems. <i>Soft Computing</i> , 2019, 23, 6947-6966.	2.1	24
7	Wavelet Interval Type-2 Fuzzy Quad-Function-Link Brain Emotional Control Algorithm for the Synchronization of 3D Nonlinear Chaotic Systems. <i>International Journal of Fuzzy Systems</i> , 2020, 22, 2546-2564.	2.3	24
8	Fuzzy C-Means Clustering Interval Type-2 Cerebellar Model Articulation Neural Network for Medical Data Classification. <i>IEEE Access</i> , 2019, 7, 20967-20973.	2.6	22
9	WCMAC-based control system design for nonlinear systems using PSO. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017, 33, 807-818.	0.8	20
10	Self-Organizing Recurrent Wavelet Fuzzy Neural Network-Based Control System Design for MIMO Uncertain Nonlinear Systems Using TOPSIS Method. <i>International Journal of Fuzzy Systems</i> , 2019, 21, 468-487.	2.3	19
11	DC-DC converters design using a type-2 wavelet fuzzy cerebellar model articulation controller. <i>Neural Computing and Applications</i> , 2020, 32, 2217-2229.	3.2	19
12	A K-means Interval Type-2 Fuzzy Neural Network for Medical Diagnosis. <i>International Journal of Fuzzy Systems</i> , 2019, 21, 2258-2269.	2.3	18
13	A TOPSIS multi-criteria decision method-based intelligent recurrent wavelet CMAC control system design for MIMO uncertain nonlinear systems. <i>Neural Computing and Applications</i> , 2020, 32, 4025-4043.	3.2	18
14	Self-Organizing Recurrent Interval Type-2 Petri Fuzzy Design for Time-Varying Delay Systems. <i>IEEE Access</i> , 2019, 7, 10505-10514.	2.6	17
15	Self-Organizing Interval Type-2 Fuzzy Asymmetric CMAC Design to Synchronize Chaotic Satellite Systems Using a Modified Grey Wolf Optimizer. <i>IEEE Access</i> , 2020, 8, 53697-53709.	2.6	17
16	Self-Evolving Interval Type-2 Wavelet Cerebellar Model Articulation Control Design for Uncertain Nonlinear Systems Using PSO. <i>International Journal of Fuzzy Systems</i> , 2019, 21, 2524-2541.	2.3	15
17	Intelligent fuzzy controller design for antilock braking systems. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019, 36, 3303-3315.	0.8	15
18	A modified function-link fuzzy cerebellar model articulation controller using a PI-type learning algorithm for nonlinear system synchronization and control. <i>Chaos, Solitons and Fractals</i> , 2019, 118, 65-82.	2.5	14

#	ARTICLE	IF	CITATIONS
19	Adaptive filter design for active noise cancellation using recurrent type-2 fuzzy brain emotional learning neural network. <i>Neural Computing and Applications</i> , 2020, 32, 8725-8734.	3.2	14
20	Chaotic Synchronization Using a Self-Evolving Recurrent Interval Type-2 Petri Cerebellar Model Articulation Controller. <i>Mathematics</i> , 2020, 8, 219.	1.1	14
21	Self-Organizing Double Function-Link Fuzzy Brain Emotional Control System Design for Uncertain Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 1852-1868.	5.9	13
22	A Modified Grey Wolf Optimizer for Optimum Parameters of Multilayer Type-2 Asymmetric Fuzzy Controller. <i>IEEE Access</i> , 2020, 8, 121611-121629.	2.6	11
23	Multilayer Interval Type-2 Fuzzy Controller Design for Quadcopter Unmanned Aerial Vehicles Using Jaya Algorithm. <i>IEEE Access</i> , 2020, 8, 181246-181257.	2.6	9
24	Interval Type-2 Petri CMAC Design for 4D Chaotic System. , 2019, , .		8
25	Breast Tumor Computer-aided Diagnosis using Self-Validating Cerebellar Model Neural Networks. <i>Acta Polytechnica Hungarica</i> , 2016, 13, .	2.5	6
26	A Double Function-Link Function-Based Fuzzy Brain Emotional Controller for Synchronizing a 4D Hyper-Chaotic System. , 2020, , .		6
27	A Mixed Gaussian Membership Function Fuzzy CMAC for a Three-Link Robot. , 2020, , .		5
28	Hybrid Neural Network Cerebellar Model Articulation Controller Design for Non-linear Dynamic Time-Varying Plants. <i>Frontiers in Neuroscience</i> , 2020, 14, 695.	1.4	5
29	Optimum Design of Function-Link Type-2 Fuzzy Asymmetric CMAC Based on Self-Organizing Algorithm and Modified Jaya Algorithm. <i>IEEE Access</i> , 2020, 8, 202365-202378.	2.6	5
30	Online Tuning of PID Controller Using a Multilayer Fuzzy Neural Network Design for Quadcopter Attitude Tracking Control. <i>Frontiers in Neurorobotics</i> , 2020, 14, 619350.	1.6	4
31	Interval type-2 fuzzy brain emotional control design for the synchronization of 4D nonlinear hyperchaotic systems. <i>Soft Computing</i> , 2021, 25, 14509-14535.	2.1	4
32	Breast Cancer Diagnosis Using K-Means Type-2 Fuzzy Neural Network. , 2018, , .		2
33	Multilayer Interval Type-2 Fuzzy Controller Design for Hyperchaotic Synchronization. <i>IEEE Access</i> , 2021, 9, 155286-155296.	2.6	2
34	Self-Evolving Interval Type-2 Fuzzy Neural Network Design for the Synchronization of Chaotic Systems. <i>Studies in Fuzziness and Soft Computing</i> , 2022, , 83-101.	0.6	1