

# Loc Le Tien

## List of Publications by Year in descending order

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34  
papers

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566801

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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.                    | 5.9 | 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.   | 0.6 | 1         |
| 3  | Interval type-2 fuzzy brain emotional control design for the synchronization of 4D nonlinear hyperchaotic systems. Soft Computing, 2021, 25, 14509-14535.  | 2.1 | 4         |
| 4  | Multilayer Interval Type-2 Fuzzy Controller Design for Hyperchaotic Synchronization. IEEE Access, 2021, 9, 155286-155296.  | 2.6 | 2         |
| 5  | DC-DC converters design using a type-2 wavelet fuzzy cerebellar model articulation controller. Neural Computing and Applications, 2020, 32, 2217-2229.   | 3.2 | 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.                   | 3.2 | 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.                                     | 3.2 | 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. | 5.2 | 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.               | 2.3 | 24        |
| 11 | Multilayer Interval Type-2 Fuzzy Controller Design for Quadcopter Unmanned Aerial Vehicles Using Jaya Algorithm. IEEE Access, 2020, 8, 181246-181257.  | 2.6 | 9         |
| 12 | Hybrid Neural Network Cerebellar Model Articulation Controller Design for Non-linear Dynamic Time-Varying Plants. Frontiers in Neuroscience, 2020, 14, 695.  | 1.4 | 5         |
| 13 | Autonomous Quadcopter Precision Landing Onto a Heaving Platform: New Method and Experiment. IEEE Access, 2020, 8, 167192-167202.   | 2.6 | 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.  | 2.6 | 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.   | 2.6 | 17        |
| 16 | A Modified Grey Wolf Optimizer for Optimum Parameters of Multilayer Type-2 Asymmetric Fuzzy Controller. IEEE Access, 2020, 8, 121611-121629.   | 2.6 | 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.   | 1.6 | 4         |
| 18 | Chaotic Synchronization Using a Self-Evolving Recurrent Interval Type-2 Petri Cerebellar Model Articulation Controller. Mathematics, 2020, 8, 219.   | 1.1 | 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.   | 2.1 | 24        |
| 21 | A K-means Interval Type-2 Fuzzy Neural Network for Medical Diagnosis. International Journal of Fuzzy Systems, 2019, 21, 2258-2269.   | 2.3 | 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.                   | 2.3 | 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.   | 0.8 | 15        |
| 25 | Fuzzy C-Means Clustering Interval Type-2 Cerebellar Model Articulation Neural Network for Medical Data Classification. IEEE Access, 2019, 7, 20967-20973.  | 2.6 | 22        |
| 26 | Self-Organizing Recurrent Interval Type-2 Petri Fuzzy Design for Time-Varying Delay Systems. IEEE Access, 2019, 7, 10505-10514.  | 2.6 | 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. | 2.5 | 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.      | 2.3 | 19        |
| 29 | Self-evolving function-link interval type-2 fuzzy neural network for nonlinear system identification and control. Neurocomputing, 2018, 275, 2239-2250.  | 3.5 | 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.   | 4.1 | 63        |
| 32 | PSO-Self-Organizing Interval Type-2 Fuzzy Neural Network for Antilock Braking Systems. International Journal of Fuzzy Systems, 2017, 19, 1362-1374.  | 2.3 | 39        |
| 33 | WCMAC-based control system design for Nonlinear systems using PSO. Journal of Intelligent and Fuzzy Systems, 2017, 33, 807-818.  | 0.8 | 20        |
| 34 | Breast Tumor Computer-aided Diagnosis using Self-Validating Cerebellar Model Neural Networks. Acta Polytechnica Hungarica, 2016, 13, .   | 2.5 | 6         |