# Loc Le Tien

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7109039/publications.pdf

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| 34 | 612 | 567281 15 | 610901 24 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 34 | 34 | 34 | 297 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Self-evolving function-link interval type-2 fuzzy neural network for nonlinear system identification and control. Neurocomputing, 2018, 275, 2239-2250. | 5.9 | 80 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | Autonomous Quadcopter Precision Landing Onto a Heaving Platform: New Method and Experiment. IEEE Access, 2020, 8, 167192-167202. | 4.2 | 39 |
| 6 | Adaptive TOPSIS fuzzy CMAC back-stepping control system design for nonlinear systems. Soft Computing, 2019, 23, 6947-6966. | 3.6 | 24 |
| 7 | 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 |
| 8 | 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 |
| 9 | WCMAC-based control system design forÂnonlinear systems using PSO. Journal of Intelligent and Fuzzy Systems, 2017, 33, 807-818. | 1.4 | 20 |
| 10 | 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 |
| 11 | DCâ€“DC converters design using a type-2 wavelet fuzzy cerebellar model articulation controller. Neural Computing and Applications, 2020, 32, 2217-2229. | 5.6 | 19 |
| 12 | A K-means Interval Type-2 Fuzzy Neural Network for Medical Diagnosis. International Journal of Fuzzy Systems, 2019, 21, 2258-2269. | 4.0 | 18 |
| 13 | 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 |
| 14 | Self-Organizing Recurrent Interval Type-2 Petri Fuzzy Design for Time-Varying Delay Systems. IEEE Access, 2019, 7, 10505-10514. | 4.2 | 17 |
| 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 | 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 |
| 17 | Intelligent fuzzy controller design for antilock braking systems. Journal of Intelligent and Fuzzy Systems, 2019, 36, 3303-3315. | 1.4 | 15 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | Chaotic Synchronization Using a Self-Evolving Recurrent Interval Type-2 Petri Cerebellar Model Articulation Controller. Mathematics, 2020, 8, 219. | 2.2 | 14 |
| 21 | 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 |
| 22 | A Modified Grey Wolf Optimizer for Optimum Parameters of Multilayer Type-2 Asymmetric Fuzzy Controller. IEEE Access, 2020, 8, 121611-121629. | 4.2 | 11 |
| 23 | Multilayer Interval Type-2 Fuzzy Controller Design for Quadcopter Unmanned Aerial Vehicles Using Jaya Algorithm. IEEE Access, 2020, 8, 181246-181257. | 4.2 | 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. Acta Polytechnica Hungarica, 2016, 13, . | 2.9 | 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. Frontiers in Neuroscience, 2020, 14, 695. | 2.8 | 5 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 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. IEEE Access, 2021, 9, 155286-155296. | 4.2 | 2 |
| 34 | 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 |