

S. No.	Title of Publication	Author(s)	Year	Journal / Conference
1	User clustering in cell-free massive MIMO NOMA system: A learning based and user centric approach	Rabia Arshad, Sobia Baig, Saad Aslam	2024	Alexandria Engineering Journal
2	Adaptive refined random orthogonal matching pursuit algorithm for FBMC/OQAM MIMO framework	Beenish Hassan, Sobia Baig, Saad Aslam, Hafiz M. Asif, Shahid Mumtaz	2024	Alexandria Engineering Journal
3	A Multi-Layer Neural-Network Based Fault Estimation and Fault Tolerant Control Scheme for Uncertain System	Z. AKHTAR , S.A NAQVI , M.T HAMAYUN and S. Ijaz	2024	International Journal of Robust and Nonlinear Control
4	Incorporation of Robust Sliding Mode Control and Adaptive Multi-Layer Neural Network-Based Observer for Unmanned Aerial Vehicles	Z. AKHTAR , S.A NAQVI , M.T HAMAYUN, M. AHSAN, A. NADEEM, S. M. MUYEEN and A. OSHNOEI	2024	International Journal of Robust and Nonlinear Control
5	Output Feedback Fault Tolerant Control for Linear Parameter Varying Plants Considering Imperfect Fault Information	Omar Azeem, Mirza Tariq Hamayun, Salman Ijaz	2024	IEEE Access
6	A Coronavirus Optimization (CVO) Algorithm to Harvest Maximum Power from PV Systems under Partial and Complex Partial Shading Conditions	Sajid Sarwar, M. Yaqoob Javed, Aamer Bilal Asghar, Waseem Iqbal, Krzysztof Ejsmont, Mujtaba H.Jaffery	2024	Energy Reports
7	Recurrent neural network for pitch control of variable-speed wind turbine	Aamer Bilal Asghar, Raza Ehsan, Khazina Naveed, Essam A. Al-Ammar, Krzysztof Ejsmont, and Mirosław Nejman	2024	Science Progress

