



Capital University of Science and Technology

Islamabad Expressway, Kahuta Road, Zone-V, Islamabad

Phone: +92 51 111 555 666, Fax: 92 51 4486705

Email: info@cust.edu.pk, Website: www.cust.edu.pk

CUST Research Publications - 2024

Journal Publications

1. M. U. Tahir, U. Rafique, M. M. Ahmed, S. M. Abbas, S. Iqbal, and S.-W. Wong, "High gain metasurface integrated millimeter-wave planar antenna," *International Journal of Microwave and Wireless Technologies*, vol. 16, no. 2, pp. 306–317, 2024. IF (1.4)
2. M. U. Tahir, U. Rafique, M. M. Ahmed, S. M. Abbas, S. Iqbal, and S.-W. Wong, "High gain metasurface integrated millimeter-wave planar antenna–corrigendum," *International Journal of Microwave and Wireless Technologies*, vol. 16, no. 2, pp. 358–358, 2024. IF (1.4)
3. S. G. Bhatti, I. A. Taj, M. Ullah, and A. I. Bhatti, "Transformer-based models for intrapulse modulation recognition of radar waveforms," *Engineering Applications of Artificial Intelligence*, vol. 136, p. 108989, 2024. IF (7.5)
4. R. F. Masood and I. A. Taj, "Boosting the classification of complex large synoptic survey telescope (LSST) data," *UCP Journal of Engineering & Information Technology*, vol. 2, no. 1, pp. 18–23, 2024. IF (-)
5. S. Batool, I. A. Taj, and M. Ghafoor, "EFNet: A multitask deep learning network for simultaneous quantification of left ventricle structure and function," *Physica Medica*, vol. 125, p. 104505, 2024. IF (3.3)
6. Q. Arooj and I. A. Taj, "A hybrid multi-port HVDC circuit breaker that improves interruption and reset time through shared energy dissipation and fault current regeneration," *Results in Engineering*, vol. 23, p. 102701, 2024. IF (6.0)
7. S. Kanwal and I. A. Taj, "Incomplete RGB-D salient object detection: Conceal, correlate and fuse," *Pattern Recognition*, vol. 155, p. 110700, 2024. IF (7.5)
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