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International Researcher IDs

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Dissertations

Postgraduate, A general framework on adaptive hybrid beamforming and channel acquisition for wideband mm-wave massive mimo systems, Middle East Technical University, Faculty of Engineering, Department of Electrical and Electronics Engineering, 2019

Research Areas

Electrical and Electronics Engineering

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Electrical and Electronics Engineering, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Robust Statistical Beamforming with Multi-Cluster Tracking for Time-Varying Massive MIMO**
KURT A., GÜVENSEN G. M.
IEEE Transactions on Vehicular Technology, vol.73, no.3, pp.3499-3515, 2023 (SCI-Expanded)
- II. **An Adaptive-Iterative Nonlinear Interference Cancellation in Time-Varying Full-Duplex Channels**
KURT A., SALMAN M. B., SARAÇ U. B., GÜVENSEN G. M.
IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, vol.72, no.2, pp.1862-1878, 2023 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **An Efficient Iterative SIC for Full-Duplex SC-FDE Radio Under Hardware Impairments**
KURT A., Salman M. B., Satana H. A., GÜVENSEN G. M.
IEEE International Conference on Communications (ICC), ELECTR NETWORK, 14 - 23 June 2021
- II. **An Adaptive Hybrid Beamforming Scheme for Time-Varying Wideband Massive MIMO Channels**
Kurt A., Güvensen G. M.

IEEE International Conference on Communications (IEEE ICC) / Workshop on NOMA for 5G and Beyond, ELECTRONETWORK, 7 - 11 June 2020

III. **An Efficient Hybrid Beamforming and Channel Acquisition for Wideband mm-Wave Massive MIMO Channels**

KURT A., GÜVENSEN G. M.

IEEE International Conference on Communications (ICC), Shanghai, China, 20 - 24 May 2019

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