

Res. Asst. DOĞUKAN ÖZBAYRAK

Personal Information

Email: dogukann@metu.edu.tr

Other Email: dogukan.ozbayrak@metu.edu.tr

Web: <https://avesis.metu.edu.tr/dogukan.ozbayrak>

International Researcher IDs

ScholarID: ulu12kQAAAAJ

ORCID: 0009-0004-6685-8015

Publons / Web Of Science ResearcherID: KVZ-0557-2024

ScopusID: 58510534000

Yoksis Researcher ID: 404529

Education Information

Postgraduate, Middle East Technical University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering, Turkey 2023 - Continues

Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering, Turkey 2018 - 2023

Research Areas

Information Systems, Communication and Control Engineering, Information Theory, Error Corrector Codes, Signal Processing for Communication

Published journal articles indexed by SCI, SSCI, and AHCI

- Eliminating Media Noise While Preserving Storage Capacity: Reconfigurable Constrained Codes for Two-Dimensional Magnetic Recording**
Guzel I, ÖZBAYRAK D., Calderbank R., HAREEDY A.
IEEE Transactions on Information Theory, vol.70, no.7, pp.4905-4927, 2024 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- Low-Complexity Constrained Coding Schemes for Two-Dimensional Magnetic Recording**
ÖZBAYRAK D., Uyar D., HAREEDY A.
2024 IEEE International Symposium on Information Theory, ISIT 2024, Athens, Greece, 7 - 12 July 2024, pp.825-830

Metrics

Publication: 2

Citation (Scopus): 1

H-Index (Scopus): 1