

Bandit-based learning-aided full-duplex/half-duplex mode selection in 6G cooperative relay networks

Nomikos, Nikolaos; Charalambous, Themistoklis; Trakadas, Panagiotis; Wichman, Risto IEEE Open Journal of the Communications Society 2024 / p. 1415-1429 : ill <https://doi.org/10.1109/OJCOMS.2024.3370476> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

DAAG-SNP: energy efficient distance and angulation based agglomerative clustering for sink node placement

Hanif, Maria; Ahmad, Rizwan; Ahmed, Waqas; Drieberg, Micheal; Alam, Muhammad Mahtab IEEE Open Journal of the Communications Society 2024 / p. 5013-5026 <https://doi.org/10.1109/OJCOMS.2024.3421901> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Large-scale IoT sensor network planning based on empirical NB-IoT and LTE CAT-M measurements for underground water system

Roosipuu, Priit; Annus, Ivar; Kuusik, Alar; Kändler, Nils; Alam, Muhammad Mahtab IEEE Open Journal of the Communications Society 2025 / p. 9775-9784 <https://doi.org/10.1109/OJCOMS.2025.3636292> <https://ieeexplore.ieee.org/document/11264511> [Article at Scopus](#)

UWB and GNSS Sensor Fusion Using ML-Based Positioning Uncertainty Estimation

Tommingas, Mihkel; Laadung, Taavi; Varbla, Sander; Mürsepp, Ivo; Alam, Muhammad Mahtab IEEE Open Journal of the Communications Society 2025 / p. 2177-2189 : ill <https://doi.org/10.1109/OJCOMS.2025.3554352>