

**Aerial base station assisted cellular communication : performance and trade-off**

**Sharma, Navuday;** Kumar, Atul; **Alam, Muhammad Mahtab;** Jindal, Anish; Imran, Muhammad Ali IEEE Transactions on Network Science and Engineering 2021 / p. 2765-2779 <https://doi.org/10.1109/TNSE.2021.3052984> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**FedBranched : leveraging federated learning for anomaly-aware load forecasting in energy networks**

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**Radio resource management scheme in NB-IoT systems**

**Malik, Hassan;** Pervaiz, Haris; **Alam, Muhammad Mahtab;** Le Moullec, Yannick; **Kuusik, Alar;** Imran, Muhammad Ali IEEE Access 2018 / p. 15051-15064 : ill <https://doi.org/10.1109/ACCESS.2018.2812299> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Rate-latency optimization for NB-IoT with adaptive resource unit configuration in uplink transmission**

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