

A comprehensive survey on revolutionizing connectivity through artificial intelligence-enabled digital twin network in 6G
Sheraz, Muhammad; Chuah, Teong Chee; Lee, Ying Loong; **Alam, Muhammad Mahtab**; Al-Habashna, Ala'a; Han, Zhu IEEE Access
2024 / p. 49184-49215 <https://doi.org/10.1109/ACCESS.2024.3384272>

A DRL strategy for optimal resource allocation along with 3D trajectory dynamics in UAV-MEC network
Khurshid, Tayyaba; Ahmed, Waqas; Rehan, Muhammad; Ahmad, Rizwan; **Alam, Muhammad Mahtab**; Radwan, Ayman IEEE
Access 2023 / p. 54664 - 54678 <https://doi.org/10.1109/ACCESS.2023.3278591> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energy efficiency and latency optimization for IoT URLLC and mMTC use cases
Elgarhy, Osama Mohamed Mostafa; Reggiani, Luca; **Alam, Muhammad Mahtab**; Zoha, Ahmed; Ahmad, Rizwan; **Kuusik, Alar**
IEEE Access / p. 23132-23148 <https://doi.org/10.1109/ACCESS.2024.3364349>

Interference-aware radio resource allocation for 5G ultra-reliable low-latency communication
Malik, Hassan; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick**; Ni, Qiang 2018 IEEE Globecom Workshops (GC Wkshps) :
proceedings 2018 / p. <https://doi.org/10.1109/GLOCOMW.2018.8644301>

Rate-latency optimization for NB-IoT with adaptive resource unit configuration in uplink transmission
Elgarhy, Osama Mohamed Mostafa; **Reggiani, Luca**; **Malik, Hassan**; **Alam, Muhammad Mahtab**; Imran, Muhammad Ali IEEE
Systems Journal 2021 / p. 265 - 276 <https://doi.org/10.1109/JSYST.2020.2991073> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Suboptimal radio resource management for full-duplex enabled small cells
Hassan, Malik; Ghoraiishi, Mir; Tafazolli, Rahim 2017 IEEE International Conference on Communications Workshops (ICC
Workshops) 2017 / p. 942-947 : ill <https://doi.org/10.1109/ICCW.2017.7962780>

Towards process-aware cross-organizational human resource management
Cabanillas, Christina; **Norta, Alexander** Enterprise, Business-Process and Information Systems Modeling : 15th International
Conference, BPMDS 2014, 19th International Conference, EMMSAD 2014, Held at CAiSE 2014, Thessaloniki, Greece, June 16-17,
2014 : proceedings 2014 / p. 79-93 : ill

**Using blockchain for optimal and transparent resource allocation : a proposed solution for fund allocation : brief
overview**
Voicu-Dorobantu, Roxana; **Udokwu, Chibuzor**; Bocse, Bogdan ICEEG '21: Proceedings of the 5th International Conference on E-
Commerce, E-Business and E-Government 2021 / p. 35-38 <https://doi.org/10.1145/3466029.3466056> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)