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# Communication integrated base station

This paper studies the sensing base station (SBS) that has great potential to improve the safety of vehicles and pedestrians on roads. SBS can detect the targets on the ...

Driven by the intelligent applications of sixth-generation (6G) mobile communication systems such as smart city and autonomous driving, which connect the ...

The 5G integrated base station product is an important supplement to the mobile communication network, which extends the coverage of the mobile communication network, improves the ...

Reconfigurable intelligent surface (RIS) has gained significant momentum as a cost-effective and energy-efficient technology to enable the next generation of mobile ...

In particular, integrating passive IS into the base station (BS) is a novel solution to enhance the wireless network throughput and coverage both cost-effectively and energy ...

Driven by the intelligent applications of sixth-generation (6G) mobile communication systems such as smart city and autonomous driving, which connect the physical and cyber ...

Endogenous integrated sensing and communication (ISAC) based on cellular base stations (BSs) can simultaneously achieve high-quality imaging and ...

This paper proposes a double-layer clustering method for 5G base stations and an integrated centralized-decentralized control strategy for their participation in frequency ...

Driven by the intelligent applications of sixth-generation (6G) mobile communication systems such as smart city and autonomous driving, which connect the ...

The main objects of ICAN include independent communication and navigation collaborative systems and integrated communication and navigation systems with institutional ...

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