
This article first proposes a dynamic base station switching framework based on deep reinforcement learning (DRL), which optimizes the power consumption of switching BSs.

In order to find a better model of energy saving for 5G base stations to reduce energy consumption, this paper proposes an intelligent energy saving strategy re

First, the energy saving methods for 5G base stations are briefly described. Then, the energy-saving network elements are introduced to dynamically and uniformly manage the ...

The traditional power-saving effect evaluation scheme of Active Antenna Unit (AAU) is complicated, leading to errors in the final evaluation results possibly. This paper ...

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This technical report explores how network energy saving technologies that have emerged since the 4G era, such as carrier shutdown, channel shutdown, symbol shutdown etc., can be ...

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This Supplement examines energy-saving technology for fifth generation (5G) base stations (BSs).

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