

A case of self-surrender by mistake into a green communication base station

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In this paper we presented a self-organizing green load balancing algorithm, the GSPA-algorithm, specifically designed to deal with the many overlapping cells and the cell load fluctuations appearing ...

We designed and built a defense scheme which detects and blacklists a fake base station and then, informed by the detection, avoids it through link routing for connectivity availability.

This paper reviews the recent studies conducted on green networking and communication for next-generation networks with adverse effect on the climate. Technological advancements will ...

es cannot distinguish between a real and a fake base station (BS) by following the standard 5G security protocols. This vulnerability is a dangerous security issue identified in 5G cellular networks worldwide, ...

Attacks targeting the sensing and communication layers can propagate upward and affect the functionality and can compromise the security of the control layer.

Citizens are questioning and increasingly fighting the incursion of fracking into their communities, while the oil and gas industry contends that to date there is no proof of harm caused by this production ...

We design and build a detection and blacklisting identification of the fake base station so that the user equipment can avoid the base station and move on to connecting to a legitimate base station for the ...

problem of base station (BS) dynamic switch for an approximation method known method employs Monte Carlo sampling to approximate the Q-value. In this work, we introduce on MDP to control on informatio ...

The Swiss NCSC believes a fake base station is being used for a typical SMS blaster scam while South Korea's government believes a base station was used to intercept 2FA SMS ...

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In the next sections, we delve into use case analysis of network EE in the future, but it is notable to know that the integration of AI/ML into networks for 6G and beyond for optimizing network EE is not just a ...

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