



Energy-Efficient AI-Empowered Communication Networks

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Message from the Guest Editors

The goal of this Special Issue is to disseminate knowledge regarding recent AI technologies, jointly considering performance and energy efficiency. Review and survey papers on these topics are also welcome.

Potential topics include, but are not limited to, the following:

- Architecture and infrastructure for energy-efficient artificial intelligence in communication networks;
- Energy-efficient AI-based network access control system in communication networks;
- Energy-efficient AI-based rate control system in communication networks;
- Energy-efficient AI-based caching system in communication networks;
- Energy-efficient AI-based offloading system in communication networks;
- Energy-efficient AI-based security system in communication networks;
- Energy-efficient AI-based resource management system in communication networks;
- Testbed/prototype for energy-efficient AI for communication networks;
- Network theory for energy-efficient AI in communication





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Message from the Editor-in-Chief

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