

**Demand-side Flexibility in Smart Grid**

Ahmadihangar, Roya; Rosin, Argo; Palu, Ivo; Azizi, Aydin 2020 <https://doi.org/10.1007/978-981-15-4627-3>

**Distributed price-based power management for multibuses DC nanogrids EEMS**

Carvalho da Silva, Edivan Laercio; Bellinaso, Lucas V.; Cardoso, Rafael; Michels, Leandro IEEE journal of emerging and selected topics in power electronics 2022 / p. 5509-5521 <https://doi.org/10.1109/JESTPE.2022.3152101> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Optimal control of energy storage devices based on Pontryagin's minimum principle and the shortest path method**

Zargari, Noa; Levron, Yoash; Belikov, Juri Proceedings of 2019 IEEE PES : Innovative Smart Grid Technologies Europe : (ISGT-Europe), Bucharest Romania, 29 September – 2 October, 2019 2019 / 5 p <https://doi.org/10.1109/ISGTEurope.2019.8905748>

**Real-time optimal power management for a hybrid energy storage system with battery thermal consideration and DC microgrid current estimation capability**

Farrokhi, Ehsan; Ghoreishi, Hoda; Ahmadihangar, Roya Electrical Engineering 2024 <https://doi.org/10.1007/s00202-024-02243-9>

**A smart capless voltage regulator for very high bandwidth A/D and D/A converters in a standard 28nm CMOS process**

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