

**Bidirectional operation of the power electronic interface for nearly-zero energy buildings**

**Roasto, Indrek; Jalakas, Tanel; Rosin, Argo** 2018 20th European Conference on Power Electronics and Applications (EPE'18 ECCE Europe) : Riga, Latvia, 17-21 September 2018 2018 / p. 2456-2464 : ill <https://ieeexplore.ieee.org/document/8515405>

**Electric vehicle multiport fast charger based on the concept of active power electronic transformer**

**Jalakas, Tanel; Roasto, Indrek; Gallardo-Lozano, Javier; Romero-Cadaval, Enrique** 2014 16th European Conference on Power Electronics and Applications (EPE'14-ECCE Europe) : Lappeenranta, Finland, 26-28 August 2014. Vol. 3 2014 / p. 2168-2176 : ill

**Resiliency oriented control of a smart microgrid with photovoltaic modules**

**Mishra, Sambeet; Peterson, Kristjan; Hilimon, Tauno; Šuvalova, Jelena; Wen, Fushuan; Palu, Ivo** Global Energy Interconnection 2021 / p. 441-452 <https://doi.org/10.1016/j.gloei.2021.11.008> Journal metrics at Scopus Article at Scopus Article at WOS