

# **Power Electronics And Solar Projects 2021 – 2022**

**[Precise Luminous Flux and Color Control of Dimmable Red-Green-Blue Light-Emitting Diode Systems](#)**

**An Enhanced Electro-Thermal Model for EV Battery Packs Considering Current Distribution in Parallel Branches**

**Optimal Speed–Torque Control of Asynchronous Motor for Electric Cars in the Field-Weakening Region Based on Voltage Vector Optimization**

**Model Predictive Current Control Algorithm Based on Joint Modulation Strategy for Low-Inductance PMSM**

**Feedback Noise Propagation in Multisampled DC–DC Power Electronic Converters**

**A Soft-Switching Interleaved Buck–Boost LED Driver With Coupled Inductor**