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Improvement of Photovoltaic Systems with Tracking of the Maximum Power Point in Low-Irradiation Atmospheric Conditions

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Interference Management Using Distance-based Clustering Method for D2D Communication Underlying Multicell Cellular Network

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Estimating the Differential Mode Noise of Basic DC-DC Converters

Yoppy, Dwi Mandaris, Aditia Nur Bakti, Hutomo Wahyu Nugroho, Yudhistira Yudhistira, Deny Hamdani



Comparison of a Circular Patch Unit Cell Performance for Reflector Applications between Using FR4 and F4BMX220 Substrates at 3.5 GHz Frequency

Taufiqqurrachman, Mohamad Kamal Abdul Rahim, Dadin Mahmudin, Raden Priyo Hartono Adji, Deni Permana Kurniadi, Winy Desvasari, Sulistyaningsih, Fajri Darwis, Arief Nur Rahman, Prasetyo Putranto, Arie Setiawan, Aminuddin Rizal



Particle Swarm Optimization (PSO) based Photovoltaic MPPT Algorithm under Partial Shading Condition

Ersalina Werda Mukti, Agus Risdiyanto, Ant. Ardath Kristi, Rudi Darussalam



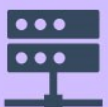
Design of Brushless DC Motor Driver Based on Bootstrap Circuit

Khoirudin Fathoni, Esa Apriaskar, Nur Azis Salim, Vera Noviana Sulistyan, Rifki Lukman Satria, Syahroni Hidayat



Colloidal TiO₂-Modified Mesoporous Electron Transport Layer in Perovskite Solar Cells

Evira Bella Yustiani, Putri Nur Anggraini, Shobih, Eri Widiyanto, Lilis Retnaningsih, Syoni Soepriyanto, Imam Santoso, Natalita Maulani Nursam



Investigation of Thermoelectric Properties of a Two-Dimensional Janus Si₂SbBi and Non-Janus SiSb Using Computational Method Density-Functional Theory

Yusuf Affandi, Muhammad Yusrul Hanna