

Table of Contents

Volume 8 Number 2

February 2020

Electroless Plating of Palladium Membranes on Porous Substrates for Hydrogen Separation and the Effects of Process Factors on Plating Rate and Efficiency: A Review

A. Alkali.....1

Dynamic Modelling of Submersible Pump Based Solar Water-Pumping System with Three-Phase Induction Motor Using MATLAB

F. Alkarrami, T. Iqbal, K. Pope, G. Rideout.....20

Challenges in Processing Diamond Wire Cut and Black Silicon Wafers in Large-Scale Manufacturing of High Efficiency Solar Cells

K. Shetty, Y. Kaushal, N. Chikkan, D. S. Murthy, C. M. Kumar.....65

The Novel Current Control for Virtual Synchronous Generator

A. Umemura, R. Takahashi, J. Tamura.....78