



Contribution ID: 27

Type: Poster

Carbon Anode from Cassava for Lithium-ion Battery

Recently, carbon prepared from cassava was used as counter electrodes for dye-sensitized solar cell and the efficiency of the solar cell was found to be very high. In this research, carbon from cassava is used as anode electrode in Li-ion battery. The carbon was prepared by carbonizing the dry cassava at various temperatures. The morphology was studied by scanning electron microscopy (SEM). The structure of carbon from cassava was studied by Raman spectroscopy. Cyclic voltammetry was for understanding its electrochemical property. The charge-discharge profile was studied by galvanostatic test. The results will be discussed.

Primary author: CHANPRAKHON, Pakwan

Presenter: CHANPRAKHON, Pakwan

Track Classification: Nano-energy & storage