

Abstract of Presentation

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Presentation Title:

Application of Nano-structure Materials for Clean Energy Device

Abstract :

Recently, many efforts have been made to develop nano-structure active materials to improve the performance of clean energy storage device, such as lithium ion battery, super-capacitor and dye sensitized solar cell. Here, I want to introduce some recently research works, which are carried in energy interface technology group of Energy Technology Research Institute of AIST, based on synthesis of nanostructure electrode active materials, such as TiO_2 , ZnO , LiFePO_4 and LiMn_2O_4 and their applications for the rechargeable lithium ion battery and the dye sensitized solar cell.