Anirudh Allam
Ph.D. Student in Energy Resources Engineering

Publications

PUBLICATIONS

• Exploring the dependence of cell aging dynamics on thermal gradient in battery modules: A PDE-based time scale separation approach
  Allam, A., Onori, S., IEEE
  IEEE.2019: 2380–85

• An Interconnected Observer for Concurrent Estimation of Bulk and Surface Concentration in the Cathode and Anode of a Lithium-ion Battery IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS
  Allam, A., Onori, S.
  2018; 65 (9): 7311–21

• Characterization of Aging Propagation in Lithium-ion Cells Based on an Electrochemical Model
  Allam, A., Onori, S., IEEE
  IEEE.2016: 3113–18

• Battery Health Management System for Automotive Applications: A retroactivity-based aging propagation study
  Allam, A., Onori, S., Marelli, S., Taborelli, C., IEEE
  IEEE.2015: 703–16