

Li Ion Batteries: From New Materials Development to Recycling

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Research into Lithium ion battery materials has grown substantially over the last decade following their introduction into hybrid and all electric vehicles. This growth is forecast to increase as governments worldwide look to transition towards zero emission transport, as well to introduce large scale stationary energy storage to complement renewable energy expansion. In this talk I will highlight educational resources describing how Li ion batteries work, and describe our recent research on the development of new materials, as well as recycling strategies.