

리튬이온 전지의 초기 흡착 거동 해석

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In the Li ion battery fabrication process, the aging step has treated as a miner step because there is not so much data to define the relationship between the phenomena generated in aging process and the battery performances. However, the OCV(open circuit voltage) change in the aging process is shown by the electrochemical absorption of the electrolyte component to the both electrodes(anode or cathode) and the absorbed layer to the electrode affects to form the solid electrolyte interface(SEI) layer during the first charge process. In this report, the absorbed materials are designed deliberately and are cleared to affect to the SEI layer formation.

[참고문헌]

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