

## 리튬 산소 전지 내 안정성과 효율성을 고려한 Redox Mediator 활용 연구

곽원진<sup>†</sup>

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The irreversibility and low energy efficiency problems of lithium-oxygen (Li-O<sub>2</sub>) batteries have raised the need for appropriate catalyst selection.

Redox mediator has less instability than nano-solid catalysts and has been suggested as a material capable of decomposing Li<sub>2</sub>O<sub>2</sub> discharge products more effectively. However, problems related to stability as well as the efficiency of RM have begun to be presented, and I would like to introduce improvement studies related to this consideration.