

Realization of a low carbon society through game changing technologies

Data driven automated experiments accelerates the discovery of advanced materials for seawater electrolysis

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Summary :

Based on the automated electrochemical robotic experimental technique, seawater electrolysis system with high selectivity and high durability is to be developed. The continuous operation of automated experiments realizes the searching throughput more than 1000 sample/day. By applying the data scientific techniques for accumulated huge amount of data-set, accelerating the discovery of novel electrolyte composition and electro-catalyst.

