



Showcasing research from Professor Yuya Oaki's laboratory, Department of Applied Chemistry, Faculty of Science and Technology, Keio University, Japan.

Capacity-prediction models for organic anode-active materials of lithium-ion batteries: advances in predictors using small data

A new capacity prediction model for organic anode active materials of lithium-ion battery was constructed to explore organic anode active materials using sparse modeling for small data (SpM-S), a data-driven method based on small data. The predictor has been advanced with addition of new training data. The descriptors and prediction accuracy of the models were validated in terms of data science.

As featured in:



See Yasuhiko Igarashi, Yuya Oaki *et al.*, *Energy Adv.*, 2023, 2, 1014.