

FEATURED ARTICLES

Electrodeposition as a Powerful Tool for the Fabrication and Characterization of Next-Generation Anodes for Sodium Ion Rechargeable Batteries

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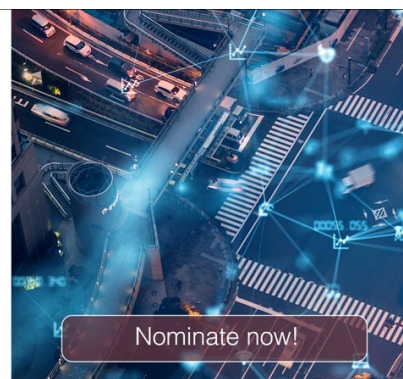


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Electrodeposition as a Powerful Tool for the Fabrication and Characterization of Next-Generation Anodes for Sodium Ion Rechargeable Batteries

by Nathan J. Gimble,* Kelly Nieto,* and Amy L. Prieto

Introduction

Electrodeposition

Advances in the field of electrochemistry have led to the development of new materials and devices for energy storage and conversion. In particular, the development of next-generation anodes for sodium ion rechargeable batteries has been a major focus of research. This article discusses the role of electrodeposition in the fabrication and characterization of these materials. Electrodeposition is a powerful tool for the synthesis of thin films and coatings, and it has been used to fabricate a variety of materials for use as anodes in sodium ion batteries. The article reviews the current state of the field and discusses the challenges and opportunities for future research.

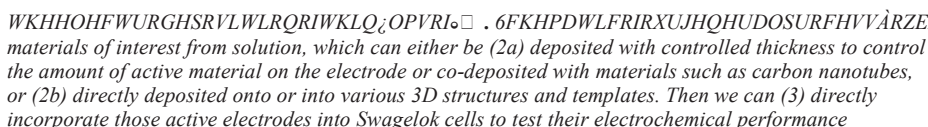
The article is organized into two main sections: Introduction and Electrodeposition. The Introduction section provides an overview of the field and discusses the importance of next-generation anodes for sodium ion batteries. The Electrodeposition section discusses the role of electrodeposition in the fabrication and characterization of these materials. The article concludes with a discussion of the challenges and opportunities for future research.

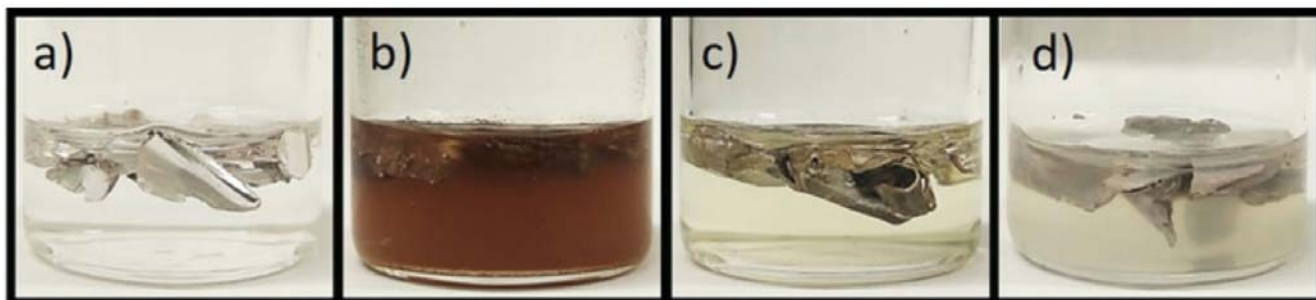
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References

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2

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4

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5

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6

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