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# **Rechargeable Multivalent Metal-Ion Batteries**

Guest Editors:

### Dr. Zhongxue Chen

School of Power and Mechanical Engineering, Wuhan University, Wuhan 430072, China

#### Dr. Min Zhou

School of Electrical and Electronic Engineering, Huazhong University of Science and Technology, Wuhan 430074, China

### Dr. Xiangjun Pu

Department of Industrial and Systems Engineering, Hong Kong Polytechnic University, Hong Kong

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# **Message from the Guest Editors**

Dear Colleagues,

Growing demands on energy storage devices have inspired tremendous research efforts centered around rechargeable multivalent metal-ion batteries (MMIBs), due to the high abundance of desired elements, such as zinc, magnesium, calcium, and aluminum in the crust, as well as the rejection of storage-performance dilemma-restricting lithium-ion batteries.

However, the complexity of MMIBs has led to rampant confusions, technical challenges, and uncertainties at present, which require more innovative research in terms of materials, electrolytes, cell design, various-scale tests, battery management systems, safety, suitability, and recycling. Therefore, this Special Issue will explore the current challenges and future directions to build better MMIBs

Dr. Zhongxue Chen Dr. Min Zhou Dr. Xiangjun Pu Guest Editors











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#### Prof. Dr. Karim Zaghib

Department of Chemical and Materials Engineering, Concordia University, Montréal, QC H3G 1M8, Canada

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