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# Raman Spectroscopy for Battery Materials—from Basic Structural Studies towards Industrial Quality Control

Guest Editor:

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### Message from the Guest Editor

Raman spectroscopy is one of the most popular tools for electrode materials characterization. Compared with other analytical tools, Raman spectroscopy is inexpensive, fast, reliable, allows measurements in oxygen and inert atmospheres and supports in-situ studies. It can be combined with other analytical tools—scanning electron microscopy, X-ray photoelectron spectroscopy, scanning probe microscopy and others. The unique feature of Raman spectroscopy is its applicability for both basic scientific research and industrial quality control.

In this Special Issue, we welcome review articles and original research papers focusing on recent progress and developments in structural and phase studies of battery materials: positive electrode materials (cathodes), negative electrode materials (anodes) and electrolytes. Studies of different processes in batteries using Raman spectroscopy are also welcome...









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## Message from the Editor-in-Chief

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