



# Nanocarbons for Advanced Energy Storage, Volume 1

Xinliang Feng (Editor)

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## DESCRIPTION

This first volume in the series on nanocarbons for advanced applications presents the latest achievements in the design, synthesis, characterization, and applications of these materials for electrochemical energy storage. The highly renowned series and volume editor, Xinliang Feng, has put together an internationally acclaimed expert team who covers nanocarbons such as carbon nanotubes, fullerenes, graphenes, and porous carbons. The first two parts focus on nanocarbon-based anode and cathode materials for lithium ion batteries, while the third part deals with carbon material-based supercapacitors with various applications in power electronics, automotive engineering and as energy storage elements in portable electric devices.

This book will be indispensable for materials scientists, electrochemists, physical chemists, solid state physicists, and those working in the electrotechnical industry.

## ABOUT THE AUTHOR

**Xinliang Feng** is a full professor at the Technische Universität Dresden since 2014 and adjunct distinguished professor at the Shanghai Jiao Tong University since 2011 as well as Director for the Institute of Advanced Organic Materials. His current scientific interests include the graphene, two-dimensional nanomaterials, organic conjugated materials, and carbon-rich molecules and materials for electronic and energy-related applications.

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