

## Preface

Clean Energy Materials and Technology is at the heart of national development and the forefront of scientific research. During constantly updated of new materials research, energy security has entered a bottleneck period, which should pay more attention to the functionality and innovation.

The proceedings focus on the disciplinary fields of intersecting which has always been a research hot spot, providing the latest research and ideas communication for academic experts and student research of universities and research institutes.

This volume aims to collect the up-to-date reports of clean energy materials and technology research achievements. The proceedings would appeal to researchers who work on clean energy materials study, the readers could find wide range of topics in clean energy materials field.

The contribution of every author to this volume should be highly appreciated. Moreover, the book could not be successfully published without the hard work of all the editors. Thanks to all the contributors and supporters of this book. Any suggest or criticism for the shortcomings of this book would be welcomed.

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