

Stimuli Responsive Functional Materials from Basics to Applications

Collection Editor: Lipeng Xin

Description

Stimuli-responsive materials are sensitive to external/internal stimuli, such as light, electric, magnetic, stress, chemical modification, and structural transition. This book focuses on synthesis, characterization, structural, and applications of the inorganic, organic, or hybrid materials, including semiconductors, dielectrics, metal-organic frameworks, photo-/electro- catalysts, energy storage and conversion materials, etc. Highlighting the structure-property relationships.

About the Editor

Lipeng Xin has an inter-disciplinary research background in chemistry, condensed matter physics and materials science. He has been awarded as TOP 1% of reviewers in Chemistry, Physics, and Materials Science by Publons. His research focuses on the relationship between crystal structure and underlying functional characteristic.

Submission Requirements

All chapters submitted should conform to the grammar and formatting guidelines provided by Cambridge Scholars Publishing, which can be viewed here: <https://www.cambridgescholars.com/pages/forms-guidelines>;

Unless agreed with the Editor prior to submission, referencing should be in Chicago;

Any work submitted for publication should be free of copyright restrictions and a statement should be submitted in support of this;

Contributions should be scholarly rather than anecdotal or unverifiable;

Contributions must be wholly in English, excluding footnotes, appendices and short extracts for translation;

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