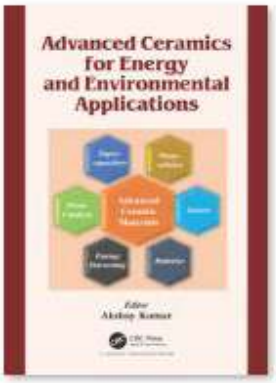

Book

Advanced Ceramics for Energy and Environmental Applications

Edited By Akshay Kumar

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ABSTRACT

Advanced Ceramics possess various unique properties and are able to withstand harsh environments. The aim of this book is to cover various aspects of the advanced ceramics like carbides, nitrides and oxides for energy and environment related applications. Advanced ceramics with additional functionality propose significant potential for greater impact in the field of energy and environmental technologies. This book focuses on the nanostructured ceramics synthesis, properties, structure-property relation and application in the area of energy and environment. It covers the high impact work from around 50 leading researchers throughout the world working in this field. This will help metallurgists, biologists, mechanical engineers, ceramicists, material scientists and researchers working in the nanotechnology field with inclusion of every aspect of advanced ceramics for energy and environmental applications.

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