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Altri autori (Persone)	KaleG. M AkbarSheikh A LiuM (Meilin)
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chemical Sensors for Hostile Environments; Contents; Solid-State Electrochemical Sensors for Automotive Applications; Zirconia-Based Potentiometric NOx Sensor Utilizing Pt and Au Electrodes; Packaging Planar Exhaust Sensors for Hostile Exhaust Environments; Importance of Gas Diffusion in Semiconductor Gas Sensors; Durability of Thick-Film Ceramic Gas Sensors; Preparation and Characterization of Indium-Doped Calcium Zirconate for the Electrolyte in Hydrogen Sensors for Use in Molten Aluminum; Antimony Sensors for Molten Lead Using K-Al2O3 Solid Electrolytes Preparation and Characterization of Iron Oxide-Zirconia Nanopowder for Its Use as an Ethanol Sensor Material Synthesis and Characterization of 2-3 Spinel as Material for Methane Sensors; Ammonia and Alcohol

Gas Sensors Using Tungsten Oxide; Low-Temperature Gas Sensing Using Laser Activation; Synthesis of Gallium Oxide Hydroxide Crystals in Aqueous Solutions with or without Urea and Their Calcination Behavior; Index

Sommario/riassunto

This volume presents information on the unique topic of chemical sensors. It focuses on the materials, manufacturing, theory and application of sensors. It is a resource that researchers, students, and those involved in the the design and manufacturing of ceramics will find of critical importance.

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Titolo

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