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Titolo	Sustainable Ammonia Production / / edited by Inamuddin, Rajender Boddula, Abdullah M. Asiri
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Nota di contenuto	Earth Abundant Catalysis for Ammonia Synthesis -- Reactor design, modelling and process intensification for ammonia synthesis -- Reactor design, modelling and process intensification for ammonia synthesis -- Ammonia from Steelworks -- Catalytic Ammonia Decomposition for Hydrogen Production: Utilization of ammonia in a fuel cell -- Electrocatalytic nitrogen (N2) reduction -- Low-Pressure Ammonia Production.
Sommario/riassunto	This book presents sustainable synthetic pathways and modern applications of ammonia. It focuses on the production of ammonia using various catalytic systems and its use in fuel cells, membrane, agriculture, and renewable energy sectors. The book highlights the history, investigation, and development of sustainable pathways for ammonia production, current challenges, and state-of-the-art reviews. While discussing industrial applications, it fills the gap between laboratory research and viable applications in large-scale production.