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Descrizione fisica	1 online resource (VII, 80 p. 21 illus. in color.)
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Disciplina	621.044
Soggetti	Metals Plasma (Ionized gases) Manufactures Metallic Materials Plasma Physics Manufacturing, Machines, Tools, Processes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Introduction -- Plasma melting studies on sbr.- Plasma melting studies on mbr -- Leachability studies on slag -- Computer studies on stastical analysis of data.- A conclusion and perspectives in the field.
Sommario/riassunto	This book shows how to prepare titania rich slag from metallized ilmenite using thermal plasma processing. The author reveals the development of a thermal plasma process alternative to the current used ones, which are highly energy costly. The appropriate design of the plasma reactor, which is crucial for achieving reduced energy consumption, is described in this book. The content can be of interest for industrial purposes.