1. Record Nr. UNINA9910484848003321

Titolo	Clean Coal Technologies : Beneficiation, Utilization, Transport Phenomena and Prospective / / edited by Rajesh Kumar Jyothi, Pankaj Kumar Parhi
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-68502-0
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XXIII, 657 p. 180 illus., 126 illus. in color.)
Disciplina	662.62
Soggetti	Cogeneration of electric power and heat Fossil fuels Electric power-plants Bioclimatology Electric power distribution Pollution Fossil Fuel Power Stations Climate Change Ecology Energy Grids and Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Natural dispersant in the stabilization of high concentration coal water slurry -- Synergestic effect of natural and synthetic mixed surfactant system in the stabilization of high concentration coal water slurry -- Effect of surfactants in the stabilization and transportation of fly ash-water slurry -- Bulk utilization of fly ash in mining sector -- Biodesulfurisation of coal using biotechnological approach, making coal a less harmful fuel -- Beneficiation of coal through combined Biological and Hydrometallurgical approaches: A prospective to produce quality, clean and less hazardous coal -- Biochar, Production for Green Environment.
Sommario/riassunto	This book presents the state of art of the several advanced approaches to beneficiation of coal. The influence of recent technology attains the

	advantages of processing coal, purification studies, rheological behavior, and the mineral beneficiation. The experts collected in this volume have contributed significantly to the enrichment in the in depth knowledge not only in context of working knowledge, but also future prospects of clean coal technology. Describes mineral beneficiation of coal through physical-chemical processes; Examines rheological behavior and pipeline transport of coal water slurry resulting in reduction of overall transportation cost of coal; Illustrates synergistic effect of natural and synthetic mixed surfactant system in the stabilization of high concentration coal water slurry.

2. Record Nr. UNINA9910893799303321

Titolo	"forsch" - die Bonner Universitäts-Nachrichten / hrsg. im Auftrag von Rektorat und Senat der Rheinischen Friedrich-Wilhelms-Universität Bonn von der Abt. 8.2 - Presse- und Information
Pubbl/distr/stampa	Bonn, : Univ., 2001-
Descrizione fisica	Online-Ressource
Classificazione	99 ; Bonn794010
Disciplina	070 370
Soggetti	Zeitschrift
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Periodico