1. Record Nr. UNINA9910795385803321

Autore	Warnken Tobias
Titolo	Comparison of various methods for quantification of equine insulin under clinical settings for assessment of insulin dysregulation / / Tobias Warnken
Pubbl/distr/stampa	Gottingen : , : Cuvillier Verlag, , [2019] ©2019
ISBN	3-7369-6124-3
Descrizione fisica	1 online resource (141 pages)
Disciplina	616.46207
Soggetti	Insulin resistance
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9911034960603321

Autore	Jatoi Abdul Sattar
Titolo	Biological Removal of Sulphur from Coal : Past, Current and Future Perspective / / by Abdul Sattar Jatoi
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	981-9686-28-8
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (183 pages)
Collana	Green Energy and Technology, , 1865-3537
Disciplina	660.0286 547
Soggetti	Green chemistry Chemical engineering Pollution Green Chemistry Chemical Process Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Background and History of Coal -- Techniques for Sulfur Removal from Coal -- Microorganisms for Sulfur Removal from Coal -- Mechanism of Sulfur Removal Using Biological Approach -- Enzymology of Bio-desulfurization Process -- Biological Desulfurization Process -- Reactor for Bio-desulfurization of Coal -- Overview of Different Process Parameters -- Kinetic and Modeling Studies of Bio-desulfurization of Coal -- Challenges and Perspectives of Bio-desulfurization of Coal.
Sommario/riassunto	This book provides a comprehensive overview of the different strategies and mechanisms for the removal of sulfur-containing compounds from coal. The combustion of sulfur-containing compounds in coal emits sulfur oxides, which can cause adverse effects on health, the environment, and the economy. The chapters in this book give a thorough overview of the desulfurization of coal through methods such as hydrodesulfurization, extractive desulfurization, oxidative desulfurization, bio-desulfurization and desulfurization through alkylation, chlorinolysis, and using supercritical water. The subsequent chapters place greater emphasis on the bio-desulfurization of coal using microorganisms, enzymes, and biocatalysts, where it

describes the bioreactors, different process parameters, kinetic and modeling of the bio-desulfurization process, challenges, and future perspective. The content of this book caters to academic researchers, chemical engineers, and policymakers who are interested in reducing sulfur emissions from coal fuel sources for a more green and sustainable practice.