

Extractive Metallurgy of Nickel, Cobalt and Platinum-Group Metals

Frank K. Crundwell Michael S. Moats Venkoba Ramachandran Timothy G. Robinson William G. Davenport



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David Baud

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Extractive Metallurgy of Cobalt Roger Rumbu, 2018-03-20 This book is a compendium a mine of information experiences and relevant industry practices a must have a book to learn about one of the most influential strategic metal impacting the global economic scene Roger RUMBU Met Eng University of Lubumbashi PPM Certificate University of Pretoria Ni-Co 2021: The 5th International Symposium on Nickel and Cobalt Corby Anderson, Graeme Goodall, Sumedh Gostu, Dean Gregurek, Mari Lundström, Christina Meskers, Stuart Nicol, Esa Peuraniemi, Fiseha Tesfaye, Prabhat K. Tripathy, Shijie Wang, Yuanbo Zhang, 2021-02-17 In this volume operators engineers and researchers present information about all aspects of current processing technologies for nickel and cobalt as well as emerging technologies for both metals Contributions from industry and academia encompass metallurgical aspects of metals commonly associated with nickel and cobalt such as copper and platinum group metals PGMs Specific focus areas of the collection include but are not limited to mineral processing metallurgy of nickel and cobalt ores battery materials recycling recovery of associated byproducts and PGMs and sulfide and laterite processing Ni-Co 2013 Thomas Battle, Michael Moats, Violina Cocalia, Harald Oosterhof, Shafiq Alam, Antoine Allanore, Rodney Jones, Nathan Stubina, Corby Anderson, Shijie Wang, 2016-12-01 With both nickel and cobalt featuring heavily in modern industry there is an ongoing and intense interest in ore supplies and processing applications development and recycling This book presents a collection of authoritative papers covering the latest advances in all aspects of nickel and cobalt processing including fundamentals technology operating practices and related areas of Platinum Group Metals PGM processing Special emphasis is given to the treatment of sulphide and laterite ores concentrates and secondary materials for the production of nickel and cobalt **The Winning of Nickel** Joseph R. Boldt, 1967 Treatise on Process Metallurgy Roderick Guthrie, Alexander McLean, Sridhar Seetharaman, H. Y. Sohn, 2024-03-12 Treatise on Process Metallurgy Volume Three Industrial Processes provides academics with the fundamentals of the manufacturing of metallic materials from raw materials into finished parts or products In these fully updated volumes coverage is expanded into four volumes including Process Fundamentals encompassing process fundamentals structure and properties of matter thermodynamic aspects of process metallurgy and rate phenomena in process metallurgy Processing Phenomena encompassing interfacial phenomena in high temperature metallurgy metallurgical process phenomena and metallurgical process technology Metallurgical Processes encompassing mineral processing aqueous processing electrochemical material and energy processes and iron and steel technology non ferrous process principles and production technologies and more The work distills the combined academic experience from the principal editor and the multidisciplinary four member editorial board Provides the entire breadth of process metallurgy in a single work Includes in depth knowledge in all key areas of process metallurgy Approaches the topic from an interdisciplinary perspective providing broad range coverage on topics Ni-Co 2013 Thomas P. Battle, Michael Moats, Violina Cocalia, Harald Oosterhof, Shafiq Alam, Antoine Allanore, Rodney T.

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Mining Industry ,1974 Concise Encyclopedia of the Chemical Properties of Materials J. W. Martin,2007-07-09 The Concise Encyclopedia of The Chemical Properties of Materials presents a custom collection of articles from the award winning Encyclopedia of Materials Science and Technology EMSAT and includes updates and revisions not available in the original set The chemical properties discussed in EMSAT which have selected for the present volume include production and refining processes principally for metallic materials but also the processes of polymerization the thermodynamics and kinetics of phase equilibria electrochemical reactions and gas solid reactions An important example of the latter process is

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