



Beneficiation and Extraction of Critical Metals from Ores and Secondary Resources

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Message from the Guest Editors

Dear Colleagues,

It is well known that the demand for lithium, tantalum and niobium has skyrocketed in recent years owing to their use in modern electronics, energy storage systems, superalloys and catalysts. These elements often feature on the list of critical metals/minerals in many countries worldwide. Several researchers are currently working on the efficient beneficiation and extraction of these commodities from primary deposits (such as hard rock ores and pegmatite deposits) and secondary resources (e.g., plant tailing and waste streams), as well as the recycling of spent materials. The development of optimal techniques for the production of Li, Ta and Nb will be crucial to bridge the gap between supply and demand in the coming years.





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Message from the Editor-in-Chief

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