Special Issue

Mineral Flotation

Message from the Guest Editor

Mineral resources play a critical role in various material applications. Flotation is a practical technique to separate valuable minerals from gangue minerals based on differences in physical and chemical properties on mineral surfaces. Flotation reagents, such as collectors, activators, depressants, frothers, regulators, etc., are commonly employed in the recovery of valuable minerals. The gradual depletion of high-grade mineral resources has made complicated and refractory ores an alternative source to meet market demands. Thus, there is a crucial need for research on the theory and application of flotation to address the issues in the separation of valuable minerals from gangue minerals. This Special Issue will focus on recent advances in flotation theory, reagents, and techniques [...] For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/separations/special_issues/Minera_Flotation

Guest Editor

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Editor-in-Chief

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