Special Issue

Mineral Flotation-Fundamentals for Improved Application

Message from the Guest Editor

Mineral flotation has remained one of the primary methods of mineral beneficiation for over a century. However, the minerals industry and flotation practice are facing technical challenges like never before. At the same time, fundamental developments within the field of mineral flotation have been steadily progressing. This Special Issue titled “Mineral Flotation—Fundamentals for Improved Application” aims to gauge how recent developments in the fundamental understanding of mineral flotation can generate better outcomes for industrial application. This Special Issue will provide an opportunity for researchers to share and discuss new ways in which their research can affect future change in mineral flotation practice. Topics could include (but are not limited to):

- Development of novel flotation reagents
- Surface and colloid chemistry effects on mineral flotation
- Novel instrumentation and analysis techniques
- Mineral surface and geochemistry
- Process modeling
- Hydrodynamics and their effect on equipment design
- Flow rheology
- Novel flotation technologies

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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