Special Issue

Application of Magnetic Separation Technology in Green Production

Message from the Guest Editor

Magnetic separation, as a green production technology, is one of the most attractive research fields in the literature. Magnetic separation is an important method for magnetic material separation based on different magnetic properties. It is commonly used in dry magnetic separation, wet magnetic separation, high-gradient magnetic separation, magnetic-gravity-floatation combined mineral processing, magnetic flocculation, etc. A fundamental understanding of the mechanism of the magnetic field on magnetic particles and the effect of the magnetic field on the dynamic behavior of magnetic particles is very important for some interesting physical implications and promising industrial applications. Therefore, it is my pleasure to invite you to contribute your research article, communication, or review to this Special Issue "Application of Magnetic Separation Technology in Green Production" dedicated to separation processes, modeling and analytical techniques of magnetic material extraction from ores or other materials.

Guest Editor

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Deadline for manuscript submissions

closed (10 December 2024)

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Message from the Editor-in-Chief

Separations offers the scientific community a high-quality, open-access journal option with rapid time-to-publication without any sacrifice of a rigorous peer-review process. We invite contributions ranging from fundamental characterization and instrumentation development through application of techniques to shed light on a broad spectrum of separation science needs. Since inception, *Separations*, has become unique in its combination of rapid publication and thorough scientific content. We invite you to consider us for your next contribution.

Editor-in-Chief

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