Special Issue

Desorption and/or Reuse of Collectors in Mineral Flotation

Message from the Guest Editors

This Special Issue will focus on the desorption and/or reuse of flotation collectors, including desorption and/or reuse methods, equipment, etc. The collector desorption and reuse on the surface of the concentrate will simplify the metallurgical process, improve the efficiency of concentrate hydrometallurgy, and reduce the cost of reagent in dressing plants. The simple treatment and reuse of the collector in the tailing pulp will reduce the cost of reagent and wastewater treatment in dressing plants and realize the recycling of wastewater. Relevant topics include but are not limited to the desorption and/or reuse of collectors in flotation of metal and non-metal minerals, the treatment and reuse of wastewater, solid–liquid separation, further treatment of flotation concentrate, etc. Original research papers, technical papers, and critical reviews featuring advances in the desorption and/or reuse of collectors are all welcome.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Minerals welcomes submissions that report basic and applied research in mineralogy. Research areas of traditional interest are mineral deposits, mining, mineral processing and environmental mineralogy. The journal footprint also includes novel uses of elemental and isotopic analyses of minerals for petrology, geochronology and thermochronology, thermobarometry, ore genesis and sedimentary provenance. Contributions are encouraged in emerging research areas such as applications of quantitative mineralogy to the oil and gas, manufacturing, forensic science, climate change, geohazard and health sectors.

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