Special Issue

Coupling Flow Behaviors and Physico-Chemical Properties of Concentrated Colloidal Particle Suspensions

Message from the Guest Editor

This Special Issus aims to provide a good forum for scientists and engineers to share and discuss their pioneering original findings or insightful reviews on understanding the correlation between (a) macroscopic flow behavior and (b) microscopic physico-chemical properties of concentrated colloidal particle suspensions. Reports on characterization research coupling those two aspects towards the enhancement of process and application of a concentrated colloidal suspension are particularly welcome. Topics

- Characterization
- Physical Chemistry
- Process and functional materials
- Fluid dynamics and applied mechanics

Guest Editor

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Message from the Editor-in-Chief

ChemEngineering is to consolidate its position as a high-quality, open access journal that not only disseminates excellent research but also sets the agenda for future directions in chemical engineering. We will continue to highlight core areas such as catalysis, process intensification, and the circular economy, while also opening the door to emerging topics such as multi-energy systems that integrate light, heat, and electricity, etc., as well as digital tools, modelling, and artificial intelligence applied to chemical engineering.

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