

Special Issue

Advanced Applications of Layered Double Hydroxides

Message from the Guest Editor

Layered double hydroxides have received outstanding attention from scientists and technologists in the last few decades because of their easy preparation, low price and versatile applications. These extend to a broad range, including heterogeneous catalysts, catalyst precursors, catalyst supports, anion scavenging, water remediation, controlled delivery of drugs and other chemicals, adsorption of organic and inorganic anions, nanocomposites (both as stabilizers or for flame retardant purposes as well), inorganic pigments precursors, as electrodes in electrochemistry, photochemical reactions in the interlayer, as antacids in medicine, stabilization of biomolecules, etc. Updating of these applications will be undoubtedly of interest for all scientists involved in the above-mentioned fields, and new applications, probably unforeseen in the last few years, will probably turn up.

Guest Editor

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Deadline for manuscript submissions

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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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