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Ultrafiltration Membranes in Water Treatment

Guest Editor:

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Deadline for manuscript submissions:

closed (30 June 2022)

Message from the Guest Editor

Dear Colleagues,

The Special Journal Issue on Ultrafiltration Membranes in Water Treatment addresses a rapidly growing area of water treatment technology. Ultrafiltration membranes are used to separate small particles and dissolved solutes based on size. The utilization of UF water treatment is used for feed pretreatment prior to desalination, wastewater treatment, and it is entrenched in the chemical and pharmaceutical industries, as well as in food and beverage processing. Topics of interest for this Special Issue include but are not limited to predictive modeling of UF separations performance, novel approaches to synthesis of robust (and chemically resistant) UF membranes, UF membranes that overcome the selectivity–permeability tradeoff, low fouling UF membranes, self-adaptive operation of UF membranes, advanced coagulant dosing strategies, surface modification of UF membranes, module design, and tuning of UF membrane performance. [...]

For further reading, please follow the link to the Special Issue Website at:

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Special Issue



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Message from the Editor-in-Chief

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