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Research on Separation Performance of Separator

Guest Editor:

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Message from the Guest Editor

Separation technology has been widely used in the fields of traditional fossil energy, such as petroleum, coal and natural gas; and new energy and energy storage science such as photovoltaic power, bio-energy, hydrogen energy, wind energy, nuclear power and so on. With the continuous development and application of green and clean energy, separation technologies face great opportunities and challenges. Despite substantial advances of various types of separation and purification techniques, such as filtration. sedimentation. centrifugation. distillation. extraction. membrane. electrochemical, etc., the performances of newly developed separation methods and separators have not been fully evaluated. Hence, this Special Issue is mainly dedicated to the dissemination of innovative theories and methods for separation and purification processes of clean and green energy utilization, which includes but is not limited to the separation and purification of liquids, solid particles, vapors or gases in homogeneous and nonhomogeneous mixtures.



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Message from the Editor-in-Chief

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