

Chemical Engineering and Processing: Process Intensification

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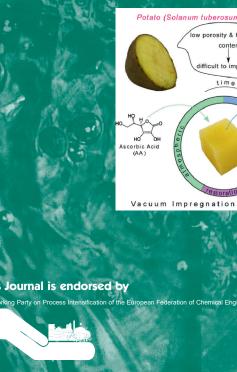
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The Cover: The figure is from "Effect of ultrasound on mass transfer during vacuum impregnation of low-porous food materials on the example of potato (Solanum Tuberosum L.)" by Dominik Mierzwa, Justyna Szadzińska, Elżbieta Radziejewska-Kubzdela, Tomasz Lenartowicz

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Aims and Scope

Chemical Engineering and Processing: Process Intensification intended for practicing researchers in industry and academia working in the field of Process Engineering and related to the subject of Process Intensification.

Articles published in the Journal demonstrate how novel discoveries, developments and theories in the field of Process Engineering and in particular Process Intensification may be used for analysis and design of innovative equipment and processing methods with substantially improved sustainability, efficiency and environmental performance.

The Journal invites full-length research and succinct current-perspective articles from any branch of chemical engineering, particularly those concerned with themes such as equipment & plant miniaturization, alternative energy conversion & transport mechanisms, intensified hydrodynamics, structured environments, multifunctionality and intensified plant operation. Multidisciplinary papers and contributions from other disciplines, such as materials science, applied physics, electronics, fluid mechanics or energy technology, having impact on intensification of the chemical process industry are also welcome

Occasionally, review papers will be published for individual fields of activity to illustrate and summarize scientific and/or technological progress.

The Journal presents advanced knowledge on engineering fundamentals and processes in such a form that it can be readily turned into practical applications

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