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DESCRIPTION

Endorsed by the Working Party on Process Intensification of the European Federation of Chemical Engineering (EFCE)

The journal is now accepting entries to join the Early Career Advisory Board. Please see article below for details. Process to be concluded 12th of August 2020.

Chemical Engineering and Processing: Process Intensification aims to be the premier publication for research contributions on process intensification concerning the chemical process industry, energy and environmental applications. The journal invites full-length research and succinct current-perspective articles from any branch of chemical engineering. It also welcomes quality, critical review papers for individual domains of activity to illustrate and summarize scientific and/or technological progress. The journal is open to contributions in the following areas, focusing on chemical process intensification:

- Chemical engineering
- Materials science and engineering
- Fluid mechanics
- Environmental engineering
- Biotechnology
- Energy technology

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

AUDIENCE

Practising engineers active in the chemical, process, power and manufacturing industries as well as in engineering and contracting companies.

IMPACT FACTOR

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Introduction
Chemical Engineering and Processing: Process Intensification is intended for practicing researchers in industry and academia, working in the field of Process Engineering. Submissions dealing with the subject of Process Intensification are especially welcome.

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 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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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.

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