Chemical Industry & Chemical Engineering Quarterly

CI&CEQ

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The Chemical Industry & Chemical Engineering Quarterly (Chem. Ind. Chem. Eng. Q.), as an international peer-reviewed research journal, invites contributions of original and novel fundamental research related to chemical industry and chemical engineering and connected areas. Papers describing novel theory and its application to practice as well as those reporting experimental work, which is soundly interpreted, are welcome.

The Journal invites contributions to the following two main areas:

- Applied Chemistry dealing with the application of basic chemical sciences to industry
- Chemical Engineering dealing with the chemical and biochemical conversion of raw materials into different products as well as the design and operation of plants and equipment.

The Journal welcomes contributions focused on:

Chemical and Biochemical Engineering

- Heat, mass and momentum transfer
- Reactor, equipment and downstream processing modeling, simulation and design
- Novel reactors (membrane, chromatographic, electrochemical reactors, micro-reactors, etc.)
- · Scale up and scale down design
- · Applied catalysis, kinetics and modeling
- Separation science and technology
- · Particle technology and fluidization

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- Process dynamics, monitoring and control
- Process modeling, simulation and optimization
- Process design, integration, operation and intensification
- Techno-economic analysis

Environmental Chemical and Process Engineering

- Treatment processes
- Environmental separation processes
- Environmental bioprocesses

- Environmental nanotechnology
- Clean process technology
- Green processesMaterials Synthesis and Processing
- Novel physical and chemical methods of synthesis of advanced materials
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- Product design based on chemical engineering tools

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- Design, modeling, operation and control of pharmaceutical (bio)reactors,
- Unit operations and process systems used in the production of pharmaceuticals and cosmetic products

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- · Plant, process and product design
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- · Heating and cooling methods, including freezing, pasteurization and thermal sterilization
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- Industrial biotechnology
- Separation and purification technologies
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Theoretical papers that do not include chemical engineering applications or papers that do not contribute new ideas or research directions to the fields of applied chemistry and chemical engineering are also inappropriate.

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- · Professional papers and
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- 1. A. Wilchem, B. Wilchem, Chem. Ind. Chem. Eng. Q. 18 (2012) 123-125. https://dx.doi.org/doi*
- 2. C. Wilchem, Textbook of Chemistry, Publisher, City (2012), p. 123. https://dx.doi.org/doi*

- 3. D. Wilchem, in Chemistry Handbook, E. Editor Ed., Publisher, City (2012), p. 123. https://dx.doi.org/doi*
- 4. E. Wilchem, Title of the Proceeding, in Proceeding of Name of the Conference or Symposium, Place of the Conference, Country (2012), p. 100.https://dx.doi.org/doi*
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Electronic supplementary material to support and enhance a scientific research is welcome. Authors are encouraged to supply the illustrations and tabulated data as supplementary material in cases if these were not discussed in details in the manuscript, but straightforwardly confirm the findings presented. Supplementary files supplied will be published online along with the electronic version of an article. In order to ensure that your submitted material is directly usable, please provide the supplementary material in one of the recommended file formats. Authors should submit the material in electronic format together with the article and supply a concise and descriptive caption for each file. Appropriate reference to the supplementary material must be clearly stated in the manuscript.

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