



processes

an Open Access Journal by MDPI



Artificial Intelligence in the Process Industry

Guest Editors:

Dr. Yi Man

School of Light Industry and Engineering, South China University of Technology, Guangzhou 510006, China

Dr. Sheng Yang

School of Energy Science and Engineering, Central South University, Changsha 410083, China

Dr. Yusha Hu

State Key Laboratory of Pulp & Paper Engineering, South China University of Technology, Guangzhou 510006, China

Message from the Guest Editors

This Special Issue on "Artificial Intelligence in the Process Industry" aims to summarize the latest progress in the methods and applications of AI in the process industry to address the uncertainty and complexity of the intelligent transformation in the future industrial sector. Topics will include, but are not limited to:

- Process synthesis and analysis;
- Process control and fault diagnosis;
- Process modeling and simulation;
- Industrial process optimization;
- Soft sensors;
- Digital twin;
- Smart factory;
- Smart manufacturing;
- Machine learning applications in the process industry.

Deadline for manuscript submissions:

closed (15 December 2023)



mdpi.com/si/132352

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and
Technology, University of Turin,
Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Chemical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous)*)

Contact Us

Processes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/processes
processes@mdpi.com
[X@Processes_MDPI](https://twitter.com/Processes_MDPI)