

## Special Issue

# Application of Artificial Intelligence in Chemical Engineering

### Message from the Guest Editors

Artificial intelligence (AI) is revolutionizing chemical engineering by enabling data-driven approaches that enhance efficiency, safety, and innovation. This integration of AI into chemical engineering practices has led to significant advancements across various domains. This Special Issue, titled "Application of Artificial Intelligence in Chemical Engineering", aims to gather high-quality research and review papers that explore the integration of AI into chemical engineering practices. We invite contributions that showcase innovative applications of AI in chemical engineering, including theoretical studies, practical implementations, and case studies demonstrating the impact of AI on industry practices.

### Guest Editors

Dr. Mateusz Żbikowski

Dr. Andrzej Teodorczyk

Dr. Wojciech Rudy

### Deadline for manuscript submissions

31 October 2025



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/234249](https://mdpi.com/si/234249)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

[mdpi.com/journal/](https://mdpi.com/journal/)

[appls](https://appls.mdpi.com)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### 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, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )