Special Issue

Novel Magnetic Materials and Magnetism in Spintronics

Message from the Guest Editor

As the field of spintronics undergoes swift advancements, an increasing array of sophisticated magnetic materials is being unveiled, showcasing parallel growth in magnetism. This Special Issue within *Inventions*, published by MDPI, spotlights key topics such as the synthesis methodologies for magnetic materials, especially nanoscale materials, advancements in 2D magnetic materials and 2D spintronic devices, techniques for measuring and characterizing magnetic materials, applications of magnetic materials, innovations in spintronic devices, and the exploration of magnetism associated with novel magnetic materials and spintronic devices.

Guest Editor

Prof. Dr. Yanfeng Jiang

Department of Electrical Engineering, Jiangnan University, Wuxi 214122, China

Deadline for manuscript submissions

closed (30 November 2024)



Inventions

an Open Access Journal by MDPI

Impact Factor 1.9 CiteScore 4.9



mdpi.com/si/196568

Inventions
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
inventions@mdpi.com

mdpi.com/journal/inventions





Inventions

an Open Access Journal by MDPI

Impact Factor 1.9 CiteScore 4.9





About the Journal

Message from the Editorial Board

The unique journal *Inventions* is different from all other journals. Many scholars spend their lives publishing research papers in many different journals, but most of these journals do not help scholars collate and analyze their results or assist in promoting them to a relevant industry. However, *Inventions* will help authors not only to publish their papers in the journal, but also to promote their research results to industry and assist them in realizing the purpose of technology transfer. In the future, *Inventions* will help authors to evaluate their technology license fees based on the valuation theory and approaches and also help authors to show their patents and technologies on a network transaction platform.

Editors-in-Chief

Prof. Dr. Chien-Hung Liu

Department of Mechanical Engineering, National Chung Hsing University, 250 Kuo Kuang Rd., Taichung 402, Taiwan

Prof. Dr. Shoou-Jinn Chang

Department of Electrical Engineering, National Cheng Kung University, Tainan 701, Taiwan

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, Ei Compendex and other databases.

Journal Rank:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.8 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).