



an Open Access Journal by MDPI

Recent Advances in Thin Film Transistors

Guest Editor:

Dr. Dedong Han

Institute of Microelectronics, Peking University, Beijing 100871, China

Deadline for manuscript submissions: closed (20 October 2022)

Message from the Guest Editor

Dear Colleagues,

The thin film transistor is a hot research topic in the field of displays. It has very important research significance and extensive market application prospects. At present, the key technical problems are mainly that the mobility is not high enough, the reliability is not good enough, the preparation temperature is not low enough, and the manufacturing cost is not low enough. These technical problems have seriously hindered the extensive use of the industry. At present, it is necessary to develop new thin film transistor technology and improve the performance of thin film transistors for the application of thin film transistors in new displays. Original research papers and review articles are invited for this Special Issue.

Dr. Dedong Han Guest Editor



mdpi.com/si/116646







an Open Access Journal by MDPI

Editor-in-Chief

Message from the Editor-in-Chief

You are invited to contribute research articles or comprehensive reviews for consideration and publication in *Micromachines* (ISSN 2072-666X). *Micromachines* is published in the open access format. Research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. As an open access journal, *Micromachines* is supported by the authors or their institutes by payment of article processing charges (APC) for accepted papers. We are pleased to welcome you as our authors.

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), PubMed, PMC, Ei Compendex, dblp, and other databases. **Journal Rank:** JCR - Q2 (*Chemistry, Analytical*) / CiteScore - Q2 (*Mechanical Engineering*)

Contact Us

Micromachines Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/micromachines micromachines@mdpi.com X@micromach_mdpi