



processes



an Open Access Journal by MDPI

Micro/Nano Manufacturing Processes for Green Applications

Guest Editor:

Dr. Hongyun So

Department of Mechanical
Engineering, Hanyang University,
Seoul 04763, Republic of Korea

Deadline for manuscript
submissions:

closed (15 March 2021)

Message from the Guest Editor

In recent years, the use of microdevices has become more crucial for various applications because of their low-power consumption, high-power density, and fast operation speed. Although many microfabrication and nanomaterial synthesis methods have been developed, most include complex and/or expensive processes, which limits the mass production of microdevices. Therefore, the development of advanced manufacturing technologies is required to allow facile, cost-effective, and reliable fabrication of microdevices such as sensors and actuators.

This Special Issue of *Processes* on “Micro/Nano Manufacturing Processes for Green Applications” aims to present a collection of high-quality research studies dealing with advanced micro/nano technologies to fabricate micro/nanoscale devices for green and environmental applications such as desalination, photovoltaic, fuel cell, energy conversion, thermal management, biofiltration, and solar systems.



mdpi.com/si/35206

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)