

Special Issue

Digital Research and Development of Materials and Processes

Message from the Guest Editors

Digital research and development technology has become an important tool for the design of materials and processes, and it can significantly reduce the time and costs of research and discovery compared with the traditional trial and error method. It combines the advanced idea of integrated computational materials engineering (ICME) and material genome initiative (MGI), and applies those digital technologies into material and process research, e.g., ICME platform, multiscale modelling, material database, machine learning, artificial intelligence (AI), 3D printing, high-throughput experiment, etc. These digital research and development approaches could enable an improved understanding and prediction of the microstructure, mechanical properties and service behavior of materials. This Special Issue, entitled “Digital Research and Development of Materials and Processes”, aims to collect the most recent research on digital technologies applied in the design of materials and processes, and it welcomes original research papers, reviews, and case studies on topics including

Guest Editors

Dr. Wei Lv

Prof. Dr. Wanqiang Liu

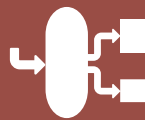
Dr. Li Yang

Dr. Weisen Zheng

Dr. Feng Wang

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Processes
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

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You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

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

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