Special Issue

Nanomaterial Characterization Methods: Leaping Towards Validation

Message from the Guest Editors

SCOPE: In this special volume, we openly invite papers on characterization methods that support the identification, registration, characterization of nanomaterials and that have been demonstrated via in-house, intra-, and/or inter-laboratory comparison. Exemplary elements of a method standard operational procedure include: methods description, sample preparation, instructions, data reduction and evaluation, benchmarking or validation of results. In this context, contributions that report on different (nano)forms of the same substance or other systematic variations of nanomaterials are welcome. REGULATORY RELEVANCE: There is particular interest in contributions that can support, by robust scientific data, the further selection and guidance and standardization at OECD and ISO level. In this regard, there is high interest in methods documentation on materials where eco- and toxicological assessments have already been published elsewhere to allow future testing and calibration of grouping and predictive risk assessment methods. Lower priority will be given to novel and yet not validated methods.
Prof. Dr. Keld Alstrup Jensen

Guest Editors

Prof. Dr. Keld Alstrup Jensen
National Research Centre for the Working Environment (NRCWE), Copenhagen, Denmark

Dr. Wendel Wohlleben
BASF SE, Ludwigshafen, Germany

Deadline for manuscript submissions

closed (30 November 2020)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/15538

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

mdpi.com/journal/materials

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/journal/materials

MDPI

About the Journal

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

Editor-in-Chief

Prof. Dr. Maryam Tabrizian
1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Metallurgy and Metallurgical Engineering) / CiteScore - Q1 (Condensed Matter Physics)