

## Special Issue

# Cutting Processes for Materials in Manufacturing—Second Edition

### Message from the Guest Editors

Both research papers and review articles are welcome. We look forward to your contributions on (but not limited to) the following topics:

- Conventional and non-conventional cutting processes;
- Material removal mechanisms in cutting;
- Multi-physics in cutting (strain, stress, force, temperature, etc.);
- Machining-induced surface integrity;
- Chip formation in cutting processes;
- Tool performance and design of cutting tools or coatings;
- Manufacturing of components with complex features;
- Functional performance of machined components.

### Guest Editors

Dr. Hongguang Liu

Dr. Jian Weng

Prof. Dr. Kejia Zhuang

Dr. Dongdong Xu

Dr. Gang Wang

Dr. Benkai Li

### Deadline for manuscript submissions

20 February 2026



## Materials

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## 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.

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### Editor-in-Chief

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