

Special Issue

Materials Science at Northeastern University: Celebrating the 100th Anniversary

Message from the Guest Editors

Northeastern University (HEU) was founded in 1923, with Wang Yongjiang, governor of Fengtian province, serving as the first president. It is a leading institution in metallurgical engineering, as well as automation- and machine-manufacturing-related disciplines, in China and around the world. Historically, teachers and students of Northeast University were the main force and pioneers of the "12.9" movement. During the construction period, Northeastern University has successively developed a large number of high-level scientific research achievements, such as China's first electronic analog computer, the first domestic CT, the first super steel, new smelting technology for vanadium-titanium magnetite, the theory and technology of energy conservation in the steel industry, controlled rolling and cooling technology, and hybrid intelligent optimization control technology.

- high-strength steel
- green manufacturing
- new smelting technology
- energy conservation
- intelligent manufacturing
- mineral processing
- engineering mechanics
- environmental science

Guest Editors

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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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