

Special Issue

High Temperature Dispersed Particle Radiation Physical Properties and Temperature Measurement

Message from the Guest Editors

This Special Issue aims to promote the progress and development of physical information measurement of high-temperature dispersed particles from the aspects of mechanism research and experimental technology and encourage researchers to publish their original research and innovative discoveries on the optimization calculation method of complex functions or extreme environment measurement technology when obtaining the radiation characteristics and temperature distribution of high temperature dispersed particles. Suitable topics include, but are not limited to, the following:

- Numerical calculation method of high temperature dispersed particle radiation characteristics and temperature measurement;
- Equipment design and experimental technology for online detection of physical properties of dispersed particles in high-temperature environments;
- Research on the identification of multiple types and parameters of high-temperature dispersed particles;
- High temperature dispersed particle spectral analysis and image processing.

Guest Editors

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Message from the Editorial Board

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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