Special Issue

Experiment and Calculation Simulation to Study Hydrogen-Helium Effect Mechanism in Materials

Message from the Guest Editor

This Special Issue “Experiment and Calculation Simulation to Study the Hydrogen–Helium Effect Mechanism in Materials” aims at proposing possible ways to control hydrogen and helium, reduce radiation swelling, radiation hardening, and radiation embrittlement. Especially welcome are research papers that involved hydrogen and helium retention, hydrogen and helium blister formation, and hydrogen and helium-induced structure damage and evolution in the materials for fusion and fission applications. The journal accepts original research papers as well as review articles summarizing recent progress in the field.

Guest Editor

Prof. Dr. Bingsheng Li

State Key Laboratory for Environment-Friendly Energy Materials, Southwest University of Science and Technology, Mianyang 621010, China

Deadline for manuscript submissions

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

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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.

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

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