Special Issue

Dynamic Recrystallization Behaviors in Metals and Alloys

Message from the Guest Editor

The existence of dynamic recrystallization (DRX), i.e., recrystallization occurring during straining, was initially questioned, until the publication of strong mechanical as well as microstructural evidences. In a second step, it was considered by some authors as a mere “laboratory curiosity” rather than an “industrial tool”. However, DRX has now been recognized as the most important physical mechanism associated with hot working of metals and alloys, the understanding of which is key to the optimization of microstructure and mechanical properties. For more information, pleaes click the link: https://www.mdpi.com/journal/materials/special_issues/dynamic_recrystal_behavior

Guest Editor

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Deadline for manuscript submissions

closed (10 July 2022)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/39956

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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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