Special Issue

Surface Treatment for High-Entropy Alloys

Message from the Guest Editors

Recently, high-entropy alloys (HEAs) have aroused growing interest in the scientific community. Yet, although the bulk properties of some HEAs are good, their surface properties may be insufficient. Surface properties are very important for a wide variety of advanced industrial applications, especially in areas where surface performance is important, such as tribology-, corrosion-, and oxidation-resistance properties. Thus, the focus has recently turned to the surface properties of HEAs. Within this context, we would like to invite you to submit your manuscript(s) to *Materials* for the Special Issue on Surface Treatment for High-Entropy Alloys. The scope of this Special Issue includes various traditional and advanced surface treatment methods applied to HEAs (thermo-chemical surface treatment methods, boronizing, nitriding, carburizing, aluminizing, siliciding, thermal spray, sputter deposition, micro-arc oxidation, laser surface melting, laser/plasma cladding, shot/sand blasting, friction stir welding).

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Deadline for manuscript submissions

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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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