Special Issue

Metal-Doped Halide Perovskites: Synthesis, Properties, and Applications

Message from the Guest Editors

This Special Issue, entitled “Metal-Doped Halide Perovskites: Synthesis, Properties, and Applications”, aims to offer the latest cutting-edge research in the field of functional halide perovskites. This Special Issue seeks to publish the newest advances in metal-doped halide perovskites and to cover the synthesis method used, the properties and new functionality, and the doping benefit for optimizing device applications. Both experimental and theoretical studies are invited to be published in this Special Issue. The coverage of the material library shall include (but not be limited to) hybrid organic–inorganic lead halide perovskites, inorganic lead perovskites, lead-free halide double perovskites, vacancy-ordered halide double perovskites, low-dimension halide (double) perovskites, and perovskite nanocrystal. As a renowned expert in the field of halide perovskites, I would like to invite you to submit your articles for publication in the Special Issue “Metal-Doped Halide Perovskites: Synthesis, Properties, and Applications” of *Materials*.

Guest Editors

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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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