



materials



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Materials for Electrochemical Energy Systems

Guest Editors:

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Deadline for manuscript
submissions:

closed (10 January 2023)

Message from the Guest Editors

We are pleased to invite you to submit your work to this Special Issue on “Materials for electrochemical energy systems”. This Special Issue aims to cover a broad range of subjects, from synthesis to the preparation of different materials, characterization and applications of different materials (e.g., fuel cells, electrolysis, batteries, solar cells, supercapacitors, sensors, electrodialysis, ultra-, nano- and microfiltration). The Special Issue is also open for advanced materials development but not limited to sustainable structural and functional materials for fossil power, solar energy, wind energy, geothermal energy, biofuels, ocean energy and hydropower, as well as advanced energy-harvesting technologies. The micro- and nano-electromechanical systems (devices); new developments in experimental methods, and device performance measurement techniques, will be gladly considered.



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Special Issue



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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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