

## Special Issue

# Recent Advances in the Sustainability of Energy- and Resource-Intensive Key Materials

### Message from the Guest Editors

In the near future, the global scenario regarding industrial production will need to manage several critical aspects to find a balance between the increase in demand for goods and the environmental impact of industrial production. Converging concerns are related to energy and resource demands, which are the basis of revisions to energy production policies, energy efficiency implementation, green chemistry processes and circular economy approaches. The challenge is even more difficult for several key materials (which the current infrastructure growth is grounded on) that are crucial for near-future developments and are currently impossible to substitute. Please view more details, including submission entrance ("Submit to Special Issue" option on the left side of the website), via the Special Issue website at:

[https://www.mdpi.com/journal/materials/special\\_issues/energy\\_resource\\_intensive\\_materials](https://www.mdpi.com/journal/materials/special_issues/energy_resource_intensive_materials)

### Guest Editors

Prof. Dr. Enrico Boccaleri

Dr. Claudio Cassino

Dr. Giorgio Cantino

Dr. Geo Paul

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### Deadline for manuscript submissions

closed (20 February 2023)



## Materials

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## About the Journal

### 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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