

## Special Issue

# Featured Reviews in Catalytic Materials

### Message from the Guest Editor

We would like to invite you to contribute to our Special Issue “Featured Reviews in Catalytic Materials”. Catalysis has a pivotal impact on various aspects of our daily lives, including drug synthesis, fuels and biofuels production, plastics manufacturing, the production of fertilizers and many more. It is estimated that over 90% of chemical products are nowadays manufactured using catalysts. Today, catalysis also plays an essential role in environmental protection and renewable energy conversion, with notable examples being the three-way catalytic converters and the fuel cells, respectively. To secure a sustainable future for our society, there is an ever-growing demand for advanced catalytic materials. Thus, in this Special Issue, we invite you to contribute a review on the progress and advances in catalytic materials that have shaped today's chemical industry and/or have the potential to make breakthroughs and unravel complex chemical processes that can take our society toward a cleaner, renewable and sustainable future.

### Guest Editor

Dr. Julia A. Valla

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### Deadline for manuscript submissions

20 November 2025



## 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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