# Special Issue

# Emerging Materials and Technologies for Electrolysis of Seawater

### Message from the Guest Editors

We are excited to announce a Special Issue on "Emerging Materials and Technologies for Water Electrolysis" in *Materials*. This issue aims to demonstrate the latest advancements and breakthroughs in the field of water electrolysis, focusing on novel materials and cutting-edge technologies. As the demand for clean and sustainable energy continues to rise, water electrolysis has emerged as a key method for hydrogen production. This Special Issue provides a platform for researchers and scientists to present their innovative work, exploring materials with enhanced catalytic properties, new electrode designs, and efficient electrolysis processes. We invite contributions that delve into the fundamental principles, experimental studies, and theoretical developments shaping the future of water electrolysis. By addressing these challenges and opportunities, we aim to accelerate the progress towards cost-effective and environmentally friendly hydrogen production methods, contributing to the broader goals of clean energy and a sustainable future.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 September 2024)

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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.

## Editor-in-Chief

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