



Electrocatalytic Water Splitting

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 June 2021)

Message from the Guest Editor

Dear Colleagues,

As our reliance on renewable energy sources grows, so too does our need to store this energy in order to mitigate against peaks and troughs in supply. Amongst the numerous solutions that have been proposed for this challenge, the electrolysis of water using renewables stands out due to its scalability and the potential for hydrogen to underwrite a global sustainable energy cycle.

This Special Issue of *Molecules* is devoted to electrocatalysis and photo-electrocatalysis of water splitting reactions, including studies on the oxygen evolution reaction, the hydrogen evolution reaction and complete water-splitting systems. Manuscripts examining theoretical and computational aspects of water-splitting electrocatalysis and photo-electrocatalysis are also welcome, as are concept articles that wish to expound new directions in electrocatalysis relating to water splitting. All scientists working in these emerging and promising fields of research are strongly encouraged to submit their original works for publication in this Special Issue.

Prof. Dr. Mark Symes
Guest Editor





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Message from the Editor-in-Chief

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