

Special Issue

Catalysts for Sustainable Oxidation/Reduction Processes

Message from the Guest Editor

Oxidation and reduction are at the heart of chemistry and the transformation of substances. As all chemical processes rely on the donation/acceptance of electrons by atoms, oxidation and reduction may not be achieved without the presence of an electron

“dumpster/reservoir” due to changes in the formal chemical valence of molecules in oxidations/reductions. The elimination of these pollutions by using more sustainable reaction conditions, oxidant/reductant, etc., is the future of all chemical processes, bringing inestimable benefit to environmental protection and human profit. This Special Issue of Catalysts presents many of the excitements in the field of more sustainable or “green” oxidation/reduction research, as well as their applications. We are welcoming submissions of original research works and short reviews related to this exciting topic.

Guest Editor

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Deadline for manuscript submissions

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