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New Frontiers in Chemical Looping Technology for Fuel Conversion

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Deadline for manuscript
submissions:

closed (24 May 2022)

Message from the Guest Editor

For this Special Issue of *Energies* (IF: 3.004) entitled “New Frontiers in Chemical Looping Technology for Fuel Conversion”, we would like to encourage original contributions regarding the scale-up of chemical looping processes and new applications of chemical looping. Potential topics include, but are not limited to: the development of oxygen carriers; the design and operational experiences of chemical looping reactors and plants; the development of chemical looping processes under pressurized conditions; chemical looping processes for hydrogen and syngas production; the chemical looping conversion of biofuels; chemical looping modelling and process simulation; techno-economic analysis of chemical looping technologies; chemical looping for high-temperature thermochemical energy storage; chemical looping deoxygenation; chemical looping epoxidation; methane-to-methanol via chemical looping; chemical looping partial oxidation; application of chemical looping in mitigating ventilation air methane (VAM) emissions; chemical looping oxidative dehydrogenation; chemical looping for the oxidative coupling of methane; chemical looping selective oxidation; etc.



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Special Issue



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Message from the Editor-in-Chief

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