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Clean Combustion and Emission in Vehicle Power System

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Message from the Guest Editor

Air pollutants from vehicle power systems are not only harmful to the environment, but also have detrimental effects on human health, and there is a global trend towards enforcing more stringent regulations on these exhaust gas constituents. As a result, many clean combustion and emission technologies, such as chemical looping combustion, mild combustion, porous media combustion, and plasma-assisted combustion, have been developed in the past 30 years. Through the application of these technologies, nitrogen oxide (NO_x), carbon dioxide (CO₂), and particulate matter (PM) emission from combustion can be mitigated effectively. Nowadays, clean combustion technologies are attracting more and more attentions from the researchers all over the world. To promote communication between researchers, we invite investigators to contribute original research articles as well as review articles that will stimulate the continuing efforts to understand the mechanisms, production, and controls related to clean combustion and emission technology in vehicle power systems.



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Special Issue



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Message from the Editor-in-Chief

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