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Clean Combustion and Emission in Vehicle Power System, 2nd Edition

Guest Editor:

Prof. Dr. Jiaqiang E

College of Mechanical and
Vehicle Engineering, Hunan
University, Changsha 410082,
China

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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 attention from 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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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and
Technology, University of Turin,
Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

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Processes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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