



Prof. Li Wang

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Prof. Li Wang received PhD in chemical engineering & technology at 2013 and then worked as a research associate at Dalian University of Technology (2013-2015). She was a Postdoctoral Fellow at University of Liverpool in UK (2015-2017). From 2018, she joined Dalian Maritime University as an associate professor.

She has been working for many years on interdisciplinary research at the interface of plasma science and chemical engineering directed towards environmental clean-up, fuel production and chemical synthesis. Significant efforts have been devoted to plasma catalysis, where the combination of non-thermal plasma and heterogeneous catalysis has been used as a promising and emerging low-temperature process for the conversion of carbon sources into value-added fuels, chemicals such as CO₂ conversion, CH₄ activation and hydrogen production, as well as the denitration of ship exhaust gas through direct decomposition of NO_x based on heterogeneous catalysis. Until now, she has published more than 40 papers on *Angew. Chem. Int. Ed.*, *ACS Catal.*, *Appl. Catal. B: Environ.*, *Chem. Eng. J.*, *Green Chem.*, *Chem. Commun.*, etc.