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## **Electrocatalysis/Photocatalysis for CO<sub>2</sub> Conversion, H<sub>2</sub> Production, and Pollutant Removal, 2nd Edition**

Guest Editors:

**Prof. Dr. Ki Tae Park**

Department of Chemical Engineering, Konkuk University, 120 Neungdong-ro, Gwangjin-gu, Seoul 05029, Republic of Korea

**Prof. Dr. Chang-Tang Chang**

Department of Environmental Engineering, National I-Lan University, Yilan 260007, Taiwan

**Dr. Wonhee Lee**

Climate Change Research Division, Korea Institute of Energy Research (KIER), 152 Gajeong-ro, Yuseong-gu, Daejeon 34129, Republic of Korea

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### **Message from the Guest Editors**

Electrocatalysis/photocatalysis are the acceleration of electroreactions/photoreactions via heterogeneous electrocatalysts/ photocatalysts to produce valuable chemicals or decompose harmful materials. Above all, electrocatalysis/photocatalysis have been considered as promising strategies for CO<sub>2</sub>-derived chemical and H<sub>2</sub> production, which could provide various approaches to alleviate serious environmental problems.

This Special Issue will provide information about novel advanced electrocatalysts/photocatalysts for efficient CO<sub>2</sub> conversion, H<sub>2</sub> production, and pollutant removal. Thus, we welcome papers focusing on diverse synthesis methods and novel designs of crystal structures for electrocatalysts/photocatalysts to improve their electrochemical/photochemical performance with high stability, as well as theoretical reaction mechanisms at the molecular level occurring on well-designed catalytic surfaces. We encourage the submission of all types of papers including communications, research, and review papers covering all topics of innovative electrocatalysts/photocatalysts and their environmental applications.



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# Special Issue