

Dear Authors,

Recently, *Frontiers of Chemical Science and Engineering* (FCSE) has decided to publish a special issue on “*Carbon Resources to Chemicals*”, to support the community and rapidly report recent exciting discoveries in this field. The Guest Editors of this issue are **Prof. Wen-Ying Li (Taiyuan University of Technology)**, **Prof. Jieying Jing (Taiyuan University of Technology)**, **Prof. Hao Li (Tohoku University)** and **Dr. Antony Rajendran (Mepco Schlenk Engineering College)**.

Given your contributions to the advancement of carbon conversion, we would like to invite you to contribute to this special issue. After submission, your manuscript will be reviewed by the editors and then sent to referees for further comments. You are welcome to suggest any expert reviewers.

FCSE is a rising peer-reviewed international journal (2022 Impact Factor 4.5) published by Springer, co-sponsored by the Chinese Academy of Engineering and Higher Education Press. It publishes high-quality and original results in both fundamental and applied research areas. Papers published in FCSE include Research Articles, Review, Communications, and Views & Comments. More information can be found at:

Springer website: <http://link.springer.com/journal/11705>

Online submission: <https://mc.manuscriptcentral.com/fcse>

This special issue is tentatively scheduled for publication in **June 2024**, with the deadline for your submission as **10th March 2024**.

Thank you in advance for your interest and kind support!

Sincerely yours,

Guest Editors of *Frontiers of Chemical Science and Engineering*

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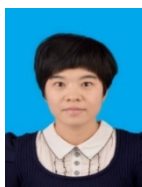
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Wen-Ying Li is the Director of State Key Laboratory of Clean and Efficient Coal Utilization at the Taiyuan University of Technology and Professor in Chemical Engineering and Technology. Her current research is focused entirely on enabling discovery and design of processes and catalysts for sustainable energy. She has published >300 peer-reviewed papers and has delivered more than 50 invited lectures all over the world and serves on international advisory boards of Coal Science & Technology, IEA and International Symposium of Alcohol Fuels. Her scholarly work has been recognized by a number of national awards and honors from a variety of entities, including Distinguished Professor of "Cheung Kong Scholars Programme" in 2010.



Jiaying Jing is a Professor at State Key Laboratory of Clean and Efficient Coal Utilization, Taiyuan University of Technology. She obtained her Ph.D. in 2012 from Taiyuan University of Technology. Her research interest mainly focuses on heterogenous catalysis for efficient utilization of carbon-related resources. She has published >40 peer-reviewed papers in prestigious journals, such as *J. Catal.*, *Chem. Eng. J.*, *Appl. Energy*, etc, and has been granted 9 Chinese patents.



Hao Li is an Associate Professor at the Advanced Institute for Materials Research (WPI-AIMR) of Tohoku University, Japan. He obtained his Ph.D. degree at University of Texas at Austin. He developed the "Digital Catalysis Lab (*DigCat*)" as the Principal Investigator in 2022. Hao's research interests consist of i) development of materials and catalysis theory, ii) development of computational methodology based upon AI, and iii) design of cost-effective catalysts, batteries, and hydrogen storage materials with special emphasis on sustainable production. Since 2015, Hao has published >160 refereed articles in world-leading journals such as *Nature Catal.*, *Nature Comm.*, *JACS*, *Adv. Mater.*, *Energy & Environ. Sci.*, *Chem. Sci.*, and *ACS Catal.* He has received notable honors & awards and has been invited to provide >40 public talks in leading universities and conferences.



Antony Rajendran has been an Assistant Professor in the Department of Chemistry at Mepco Schlenk Engineering College, India, since Aug'22, 2022. After his Ph.D. in the field of heterogeneous catalysis (Anna University), he joined Prof. Murugavel's group at IIT Bombay as a Postdoctoral Fellow and investigated the catalytic applications of diverse inorganic materials for about 4 years (Dec'14 – Sep'18). He has published >40 peer-reviewed papers in journals like *J. Mater. Chem. A*, *Inorg. Chem.*, *Chem. Rec.*, *Fuel*, *Fuel Process. Technol.*, etc., 3 book chapters and a granted Chinese patent. He was the recipient of the International Young Scientist Award (NSFC, China) and the National Postdoctoral Fellowship (DST-SERB, India).