Professor. Yu Chen

South China University of Technology, China

Since 2007, Yu Chen has been dedicated to the design, synthesis, mechanism, and application of materials related to solid oxide fuel cell components in clean energy conversion and storage, including hydrogen energy, achieving phased research accomplishments. In 2019, Yu Chen was selected for the Young Talents Program of the Overseas High-Level Talent Introduction Plan, the Pearl River Young Talents Program, and the "Xinghua Elite Scholar" Program at South China University of Technology. Over the past five years, Yu Chen has been granted several projects, including the National Natural Science Foundation of China Young Scientist Fund, General Program, the Guangdong Natural Science Foundation General Program, the Guangdong "Innovation and Entrepreneurship" Team Project, and a Zijin Mining Group enterprise project, with total funding exceeding 18 million RMB. His research interest primarily focuses on fundamental and applied fundamental issues of solid oxide fuel cells in hydrogen energy and fuel cells. To date, Yu Chen has published over 120 first-author or corresponding-author papers in renowned international journals in the fields of energy and environment, including Nature Energy, Joule, Energy & Environmental Science, Advanced Materials, Science Bulletin, and Chinese Journal of Catalysis. Additionally, Yu Chen has applied for more than 20 Chinese invention patents, filed 2 PCT patents, and contributed to the writing of two book series.