

---

**Professor. Hua-Yao Li**

School of Integrated Circuits,  
Huazhong University of Science and Technology,  
China



---

Hua-Yao Li, Professor at the School of Integrated Circuits, Huazhong University of Science and Technology (HUST), Wuhan, China, and a recipient of the HUST Distinguished Young Scholar Award. He received his B.S. and Ph. D. degree in Material Science from HUST, in June 2006 and June 2013, respectively. He worked as postdoctoral researcher in Korea University (Jong-Heun Lee's group) between March 2016 and June 2018. His research interests include room temperature gas sensors and photo-electrical properties of metal oxide semiconductors, as well as intelligent artificial olfactory. Till now, he has published ~50 SCI papers and 15 patents, such as *Advanced Science*, *Chemical Engineering Journal*, *Advanced Intelligent System*, and *Sensors and Actuators B*. He was invited to make several oral presentations at international conferences, including the International Meeting on Chemical Sensors (IMCS), Global Congress on Innovation in Materials (GCIM), and China Gas Sensor Conference of China (GSC). He won the "Outstanding Contribution in Reviewing" Prize of Sensor and Actuator B: Chemical, First Prize in the 2025 China Instrument Society -Science and Technology Progress Award. Under his supervision, student teams have achieved outstanding success in national innovation and entrepreneurship competitions, including the Grand Prize of the 2025 Challenge Cup National Competition, the National First Prize and Enterprise Award in the 2025 "Loongson Cup" National College Integrated Circuit Innovation and Entrepreneurship Competition.