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Tianshuang Wang is an Associate Professor and Ph.D. supervisor at the College of Electronic Science and Engineering, Jilin University. His research focuses on MEMS gas sensors, flexible electronic devices, and intelligent sensing systems. He received his Ph.D. in Microelectronics and Solid-State Electronics from Jilin University in 2020, where he completed an integrated undergraduate-doctoral program under the supervision of Prof. Geyu Lu. He subsequently conducted postdoctoral research at the College of Chemistry, Jilin University, under the guidance of Academician Jihong Yu, supported by the National Postdoctoral Innovative Talent Program. He joined Jilin University as a faculty member in 2022.

To date, he has published 32 SCI-indexed papers as first author or co-corresponding author in leading journals, including *J. Am. Chem. Soc.*, *ACS Nano*, *Nano Lett.*, *ACS Sensors*, *Small* and etc. These publications have received 4,078 SCI citations, with an H-index of 37. The applicant also holds 8 granted Chinese invention patents. As Principal Investigator, he has led multiple research projects, including the National Natural Science Foundation of China (NSFC) Young Scientists Fund, a subproject of the National Key Research and Development Program, a subproject of the NSFC Regional Innovation and Development Joint Fund (Key Program), and the National Postdoctoral Innovative Talent Program.