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Ji-Soo Jang, Ph.D. is an Assistant Professor in the Department of Nanoengineering at Sungkyunkwan University (SKKU), Republic of Korea. His research centers on advanced gas sensing technologies based on nanomaterials, with a particular emphasis on chemiresistive sensors, artificial olfaction systems, and molecularly engineered sensing layers for highly selective and sensitive detection of environmental and biomedical gases. His work integrates nanocatalysts, porous materials, and machine learning to develop next-generation electronic nose platforms for applications such as disease diagnostics and environmental monitoring.

Prof. Jang received his Ph.D. in Materials Science and Engineering from KAIST in 2020 and completed postdoctoral training at Yale University. Prior to joining SKKU, he was a Senior Research Scientist at the Korea Institute of Science and Technology (KIST). He has published over 100 peer-reviewed papers, including in *Energy & Environmental Science*, *Advanced Materials*, and *Advanced Functional Materials* and holds an H-index of 51. His contributions to gas sensor technologies have been recognized through multiple awards and successful technology transfers.