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He is an Associate Editor of Science Advances. He is a recipient of Pittsburgh Conference Achievement Award, Office of Naval Research (ONR) Young Investigator Award, Sloan Research Fellowship, 3M Non-Tenured Faculty Award, IEEE EMBS Early Career Achievement Award, IEEE Sensor Council Technical Achievement Award, MIT Technology Review 35 Innovators Under 35, and ACS DIC Young Investigator Award. He is a Highly Cited Researcher (Web of Science), a World Economic Forum Young Scientist, a member of Global Young Academy, and a National Academy of Engineering's USFOE alumnus. His research interests include wearable biosensors, digital medicine, micro/nanorobotics, bioelectronics, and nanomedicine.

For more information about Gao's research, visit www.gao.caltech.edu.