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Song Jin is an assistant professor of chemistry at the University of Wisconsin-Madison since 2004. He received his Ph.D. in 2002 from Cornell University under the direction of Prof. Francis J. DiSalvo and carried out his postdoctoral research under the direction of Prof. Charles M. Lieber at Harvard University. With his combination of experience in both traditional materials chemistry and nanoscience and nanotechnology, Dr. Jin is interested in the chemistry and physics of nanoscale materials. Dr. Jin studies transition metal silicide nanowires and metal chalcogenide nanomaterials, their novel physical properties and applications in nanoelectronics, nanospintronics, photovoltaic and thermoelectric energy conversion, biotechnology, and nanomedicine. He is interested in the general formation mechanism of nanoscale materials in the context of crystal growth theory and biomimetic assembly of nanoscale functional materials. Dr. Jin has received a NSF CAREER Award, a DuPont Young Professor Grant, and a 3M Nontenured Faculty Award. He was recognized with a Research Corporation Cottrell Scholar Award on his teaching and research and as one of world's top 35 innovators under the age of 35 (TR35 Award) by the MIT Technology Review Magazine for his innovation in nanoscience and nanotechnology. Most recently he received the ACS ExxonMobil Solid State Chemistry Fellowship and Alfred P. Sloan Research Fellowship.