

Gang Wan

Physical Science Research Scientist

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Bio

ACADEMIC APPOINTMENTS

- Physical Science Research Scientist, Mechanical Engineering

LINKS

- <http://stanford.edu/~gangwan>: <http://stanford.edu/~gangwan>
- Google Scholar: <https://scholar.google.com/citations?user=m67KW5oAAAAJ&hl=en>

Publications

PUBLICATIONS

- **Transformation of CeO₂ Nanoparticles into Atomically Dispersed Ce Cations Leads to Enhanced Reactivity for Automotive Emissions Control.** *Journal of the American Chemical Society*
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- **Atomic-Scale Moiré and Electronic Structure Analysis of Twisted Epitaxial MoS₂-Au-MoS₂ Heterostructures.** *Nano letters*
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- **A Humidity-Tolerant Photocatalyst for Methane Removal.** *Environmental science & technology*
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- **Thickness-dependent polaron crossover in tellurene.** *Science advances*
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- **Intercalation of Hydrogen in Perovskite Oxide for Pseudocapacitive Energy Storage** *CHEMISTRY OF MATERIALS*
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- **Intermittent Defect Fluctuations in Oxide Heterostructures.** *Advanced materials (Deerfield Beach, Fla.)*
Zhang, Q., Wan, G., Starchenko, V., Hu, G., Dufresne, E. M., Zhou, H., Jeon, H., Almazan, I. C., Dong, Y., Liu, H., Sandy, A. R., Sterbinsky, G. E., Lee, et al
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- **Dynamic and reversible transformations of subnanometre-sized palladium on ceria for efficient methane removal** *NATURE CATALYSIS*
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- **Phase Transition Dynamics in a Complex Oxide Heterostructure** *PHYSICAL REVIEW LETTERS*
Zhang, Q., Hu, G., Starchenko, V., Wan, G., Dufresne, E. M., Dong, Y., Liu, H., Zhou, H., Jeon, H., Saritas, K., Krogel, J. T., Reboredo, F. A., Lee, et al
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