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Education	Ph.D. in materials science and engineering Stony Brook University, USA, 2017 B.E. in engineering science Stony Brook University, USA, 2012 • Graduated Manga Cum Laude B.S. in materials science Nanjing University, China, 2012	
Experience	Postdoctoral researcher	National Renewable Energy Laboratory, 2019 - current
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Editorial	Reviewer <i>ACS Applied Materials & Interfaces</i> <i>ACS Catalysis</i> <i>Applied Surface Science</i> <i>Catalysis Today</i> <i>Chemical Communications</i> <i>Chemsuchem</i> <i>Clean Energy</i> <i>RSC Advance</i> <i>Surface Review and Letters</i>	
Awards	American Chemical Society (ACS) Graduate Student Award in Environmental Chemistry ACS ENVR travel award ACS CATL travel award Sigma Xi travel award Graduate scholarship Chinese People's scholarship	
Publications	Zhang, Z. *, Wu, Q. * , Johnson, G. *, Ye, Y., Li, X., Li, N., Cui, M., Lee, J., Liu, C., Zhao, S., Orlov, A., Murray, C., Zhang, X., Gunnoe, T., Su, D. and Zhang, S. "A Generalized Synthesis Strategy for Transition Metal Doped Brookite-Phase TiO ₂ Nanorods" <i>Journal of the American Chemical Society</i> 141.42 (2019): 16548-16552. (highlighted in journal cover) *equal contribution Wang, L., Wu, Q. , Abraham A., West, P.J., Housel, L.M., Singh, G., Sadique, N., Quilty, C.D., Wu, D., Takeuchi, E.S., Marschilok A.C., Takeuchi, K.J. "Silver-Containing α -MnO ₂	

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