

# Stanford

---

## Cindy Weng

Ph.D. Student in Civil and Environmental Engineering, admitted Spring 2020

### Publications

---

#### PUBLICATIONS

- **Zero-order Catalysis in TAML-catalyzed Oxidation of Imidacloprid, a Neonicotinoid Pesticide.** *Chemistry (Weinheim an der Bergstrasse, Germany)*  
Ryabov, A. D., Warner, G. R., Somasundar, Y., Weng, C., Akin, M. H., Collins, T. J.  
2020
- **Reductive Electrochemical Activation of Hydrogen Peroxide as an Advanced Oxidation Process for Treatment of Reverse Osmosis Permeate during Potable Reuse.** *Environmental science & technology*  
Weng, C. n., Chuang, Y. H., Davey, B. n., Mitch, W. A.  
2020
- **Bioinspired, Multidisciplinary, Iterative Catalyst Design Creates the Highest Performance Peroxidase Mimics and the Field of Sustainable Ultradilute Oxidation Catalysis (SUDOC)** *ACS CATALYSIS*  
Wamer, G. R., Somasundar, Y., Jansen, K. C., Kaaret, E. Z., Weng, C., Burton, A. E., Mills, M. R., Shen, L. Q., Ryabov, A. D., Pros, G., Pintauer, T., Biswas, S., Hendrich, et al  
2019; 9 (8): 7023–37
- **Reactivity, Selectivity, and Long-Term Performance of Sulfidized Nanoscale Zerovalent Iron with Different Properties** *ENVIRONMENTAL SCIENCE & TECHNOLOGY*  
Xu, J., Wang, Y., Weng, C., Bai, W., Jiao, Y., Kaegi, R., Lowry, G.  
2019; 53 (10): 5936–45