

Jiachen Li

Ph.D. Student in Materials Science and Engineering, admitted Summer 2018

Publications

PUBLICATIONS

- **High-Capacity Rechargeable Li/Cl₂ Batteries with Graphite Positive Electrodes.** *Journal of the American Chemical Society*
Zhu, G., Liang, P., Huang, C. L., Huang, C. C., Li, Y. Y., Wu, S. C., Li, J., Wang, F., Tian, X., Huang, W. H., Jiang, S. K., Hung, W. H., Chen, et al
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- **Phosphorylcholine-conjugated gold-molecular clusters improve signal for Lymph Node NIR-II fluorescence imaging in preclinical cancer models.** *Nature communications*
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- **In vivo non-invasive confocal fluorescence imaging beyond 1,700 nm using superconducting nanowire single-photon detectors.** *Nature nanotechnology*
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- **Probing dissolved CO₂(aq) in aqueous solutions for CO₂ electroreduction and storage.** *Science advances*
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- **Selective and High Current CO₂ Electro-Reduction to Multicarbon Products in Near-Neutral KCl Electrolytes.** *Journal of the American Chemical Society*
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- **Cross-Link-Functionalized Nanoparticles for Rapid Excretion in Nanotheranostic Applications.** *Angewandte Chemie (Weinheim an der Bergstrasse, Germany)*
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- **A high-performance potassium metal battery using safe ionic liquid electrolyte.** *Proceedings of the National Academy of Sciences of the United States of America*
Sun, H., Liang, P., Zhu, G., Hung, W. H., Li, Y., Tai, H., Huang, C., Li, J., Meng, Y., Angell, M., Wang, C., Dai, H.

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