

Stanford



Peng Liang

Postdoctoral Scholar, Chemistry

Publications

PUBLICATIONS

- **A Non-Flammable High-Voltage 4.7 V Anode-Free Lithium Battery.** *Advanced materials (Deerfield Beach, Fla.)*
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- **High-precision tumor resection down to few-cell level guided by NIR-IIb molecular fluorescence imaging.** *Proceedings of the National Academy of Sciences of the United States of America*
Wang, F., Qu, L., Ren, F., Baghdasaryan, A., Jiang, Y., Hsu, R., Liang, P., Li, J., Zhu, G., Ma, Z., Dai, H.
2022; 119 (15): e2123111119
- **Highly elastic and low resistance deformable current collectors for safe and high-performance silicon and metallic lithium anodes** *JOURNAL OF POWER SOURCES*
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- **Rechargeable Na/Cl₂ and Li/Cl₂ batteries.** *Nature*
Zhu, G., Tian, X., Tai, H., Li, Y., Li, J., Sun, H., Liang, P., Angell, M., Huang, C., Ku, C., Hung, W., Jiang, S., Meng, et al
2021; 596 (7873): 525-530
- **In Situ Electrode Stress Monitoring: An Effective Approach to Study the Electrochemical Behavior of a Lithium Metal Anode** *ACS APPLIED ENERGY MATERIALS*
Liang, P., Shao, G., Wang, H., Wang, C.
2021; 4 (4): 3993-4001
- **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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