

Stanford

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Bio

ACADEMIC APPOINTMENTS

- Sr Res Scientist-Physical, Materials Science and Engineering

LINKS

- Research Website: <https://sdkang.org>

Publications

PUBLICATIONS

- **Contact Resistance of Carbon-Li-x(Ni,Mn,Co)O-2 Interfaces** *ADVANCED ENERGY MATERIALS*
Kuo, J., Kang, S., Chueh, W. C.
2022
- **Galvanostatic Intermittent Titration Technique Reinvented: Part II. Experiments** *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*
Kang, S., Kuo, J., Kapate, N., Hong, J., Park, J., Chueh, W. C.
2021; 168 (12)
- **Galvanostatic Intermittent Titration Technique Reinvented: Part I. A Critical Review** *JOURNAL OF THE ELECTROCHEMICAL SOCIETY*
Kang, S., Chueh, W. C.
2021; 168 (12)
- **Electro-chemo-mechanical charge carrier equilibrium at interfaces.** *Physical chemistry chemical physics : PCCP*
Chen, C., Yin, Y., Kang, S. D., Cai, W., Chueh, W. C.
2021
- **Fictitious phase separation in Li layered oxides driven by electro-autocatalysis.** *Nature materials*
Park, J., Zhao, H., Kang, S. D., Lim, K., Chen, C., Yu, Y., Braatz, R. D., Shapiro, D. A., Hong, J., Toney, M. F., Bazant, M. Z., Chueh, W. C.
2021
- **Effect of two-dimensional crystal orbitals on Fermi surfaces and electron transport in three-dimensional perovskite oxides.** *Angewandte Chemie (International ed. in English)*
Dylla, M., Kang, S., Snyder, G. J.
2018
- **Compliant and stretchable thermoelectric coils for energy harvesting in miniature flexible devices** *SCIENCE ADVANCES*
Nan, K., Kang, S., Li, K., Yu, K., Zhu, F., Wang, J., Dunn, A. C., Zhou, C., Xie, Z., Agne, M. T., Wang, H., Luan, H., Zhang, et al
2018; 4 (11): eaau5849