

# Stanford

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## Aaron Breidenbach

Ph.D. Student in Physics, admitted Autumn 2019

### Publications

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#### PUBLICATIONS

- **High-energy spin excitations in the quantum spin liquid candidate Zn-substituted barlowite probed by resonant inelastic x-ray scattering** *PHYSICAL REVIEW B*  
Smaha, R. W., Pellicciari, J., Jarrige, I., Bisogni, V., Breidenbach, A. T., Jiang, J., Wen, J., Jiang, H., Lee, Y. S.  
2023; 107 (6)
- **Charge Reservoirs in an Expanded Halide Perovskite Analog: Enhancing High-Pressure Conductivity through Redox-Active Molecules.** *Angewandte Chemie (International ed. in English)*  
Matheu, R., Ke, F., Breidenbach, A., Wolf, N., Lee, Y., Liu, Z., Leppert, L., Lin, Y., Karunadasa, H.  
2022
- **Anomalous Nernst and Seebeck coefficients in epitaxial thin film  $\text{Co}_2\text{MnAl}_x\text{Si}_{1-x}$  and  $\text{Co}_2\text{FeAl}$**  *PHYSICAL REVIEW B*  
Breidenbach, A. T., Yu, H., Peterson, T. A., McFadden, A. P., Peria, W. K., Palmstrom, C. J., Crowell, P. A.  
2022; 105 (14)