

Benjamin Levy-Wendt

Ph.D. Student in Mechanical Engineering, admitted Winter 2017

Publications

PUBLICATIONS

- **Understanding Cu incorporation in the $\text{Cu}_2\text{xHg}_{2-x}\text{GeTe}_4$ structure using resonant x-ray diffraction** *PHYSICAL REVIEW MATERIALS*
Levy-Wendt, B. L., Ortiz, B. R., Gomes, L. C., Stone, K. H., Passarello, D., Ertekin, E., Toberer, E. S., Toney, M. F., DMREF Collaboration
2021; 5 (1)
- **Using resonant energy X-ray diffraction to extract chemical order parameters in ternary semiconductors** *JOURNAL OF MATERIALS CHEMISTRY C*
Schnepf, R. R., Levy-Wendt, B. L., Tellekamp, M., Ortiz, B. R., Melamed, C. L., Schelhas, L. T., Stone, K. H., Toney, M. F., Toberer, E. S., Tamboli, A. C.
2020; 8 (13): 4350–56
- **Modified Micro-Emulsion Synthesis of Highly Dispersed Al/PVDF Composites with Enhanced Combustion Properties** *ADVANCED ENGINEERING MATERIALS*
Huang, S., Pan, M., Deng, S., Jiang, Y., Zhao, J., Levy-Wendt, B., Tang, S. Y., Zheng, X.
2019; 21 (5)
- **Resolving Hysteresis in Perovskite Solar Cells with Rapid Flame-Processed Cobalt-Doped TiO_2** *ADVANCED ENERGY MATERIALS*
Kim, J., Chai, S., Ji, Y., Levy-Wendt, B., Kim, S., Yi, Y., Heinz, T. F., Nørskov, J. K., Park, J., Zheng, X.
2018; 8 (29)
- **Rapid Formation of a Disordered Layer on Monoclinic BiVO_4 : Co-Catalyst-Free Photoelectrochemical Solar Water Splitting** *CHEMUSUSCHEM*
Kim, J., Cho, Y., Jeong, M., Levy-Wendt, B., Shin, D., Yi, Y., Wang, D., Zheng, X., Park, J.
2018; 11 (5): 933–40
- **Encapsulation of Single Nanoparticle in Fast-Evaporating Micro-droplets Prevents Particle Agglomeration in Nanocomposites** *ACS APPLIED MATERIALS & INTERFACES*
Pan, M., Shi, X., Lyu, F., Levy-Wendt, B., Zheng, X., Tang, S. Y.
2017; 9 (31): 26602–9