

Stanford

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Ph.D. Student in Chemistry, admitted Autumn 2019

Publications

PUBLICATIONS

- **Structural Dynamics of a Novel Pseudohalide Perovskite Cs₂Pb(SeCN)₂Br₂ Investigated with Nonlinear Infrared Spectroscopy** *JOURNAL OF PHYSICAL CHEMISTRY C*
Xing, X., Li, J., Breen, J. P., Karunadasa, H. I., Fayer, M. D.
2023
- **Long-Range Interface Effects in Room Temperature Ionic Liquids: Vibrational Lifetime Studies of Thin Films.** *The journal of physical chemistry. B*
Breen, J. P., Leibfried, L. C., Xing, X., Fayer, M. D.
2023
- **Probing Lattice Dynamics in Two-Dimensional Inorganic Pseudohalide Perovskites with Ultrafast Infrared Spectroscopy** *JOURNAL OF PHYSICAL CHEMISTRY C*
Xing, X., Li, J., Breen, J. P., Nishida, J., Karunadasa, H., Fayer, M. D.
2022; 126 (24): 10145-10158
- **Structured Perovskite Light Absorbers for Efficient and Stable Photovoltaics** *ADVANCED MATERIALS*
He, T., Jiang, Y., Xing, X., Yuan, M.
2020: e1903937
- **Controlling the Dynamics of Ionic Liquid Thin Films via Multilayer Surface Functionalization.** *Journal of the American Chemical Society*
Wu, B. n., Breen, J. P., Xing, X. n., Fayer, M. D.
2020
- **Conjugated Alkylamine by Two-Step Surface Ligand Engineering in CsPbBr₃ Perovskite Nanocrystals for Efficient Light-Emitting Diodes** *CHEM NANOMAT*
Zhang, L., Zhang, Q., Xing, X., Jiang, Y., He, T., Huang, Y., Ma, Z., Yang, J., Yuan, M.
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