



Shradha Sapru

Ph.D. Student in Chemistry, admitted Autumn 2021

Publications

PUBLICATIONS

- **Long-Range Metal-Sorbent Interactions Determine CO₂ Capture and Conversion in Dual-Function Materials.** *ACS nano*
Sapru, S., Hart, K. D., Zhou, C., Liccardo, G., Oh, J., Hollobaugh, M. J., Osio-Norgaard, J., Majumdar, A., Chandler, B. D., Cargnello, M.
2025
- **Understanding the effects of manganese and zinc promoters on ferrite catalysts for CO₂ hydrogenation to hydrocarbons through colloidal nanocrystals** *SURFACE SCIENCE*
Chen, C., Oh, J., Yang, A., Zhou, C., Liccardo, G., Sapru, S., Cargnello, M.
2024; 741
- **Elucidating the Structure-Property Relationship and Ultrafast Exciton/Charge Carrier Dynamics of Layered Cs₄CuSb₂Cl₁₂ Double-Perovskite Microcrystals** *JOURNAL OF PHYSICAL CHEMISTRY C*
Mishra, S., Sapru, S., Upadhyay, S., Singh, A., Pakhira, S., De, A. K.
2023