

Aarushi Khandelwal

Ph.D. Student in Applied Physics, admitted Autumn 2021

Publications

PUBLICATIONS

- **Size-Induced Ferroelectricity in Antiferroelectric Oxide Membranes.** *Advanced materials (Deerfield Beach, Fla.)*
Xu, R., Crust, K. J., Harbola, V., Arras, R., Patel, K. Y., Prosandeev, S., Cao, H., Shao, Y. T., Behera, P., Caretta, L., Kim, W. J., Khandelwal, A., Acharya, et al
2023; e2210562
- **Coupled harmonic oscillator models for correlated plasmons in one-dimensional and quasi-one-dimensional systems.** *Journal of physics. Condensed matter : an Institute of Physics journal*
Khandelwal, A., Mohammad Tashrif, S., Rusydi, A.
2021
- **Correlated cation lattice symmetry and oxygen octahedral rotation in perovskite oxide heterostructures** *JOURNAL OF APPLIED PHYSICS*
Chen, P. F., Lan, D., Liu, C., Wu, X. H., Khandelwal, A., Li, M. S., Li, C. J., Yang, P., Yu, X. J., Chen, J. S., Pennycook, S. J., Ariando, A., Huang, et al
2021; 129 (2)
- **A cost-effective quantum eraser demonstration** *Physics Education*
Khandelwal, A., Tan, J., Leong, T., Yang, Y., Venkatesan, T., Jani, H.
2021; 56 (3): 033007
- **Using demonstrations to explain abstract science concepts: Hands-on and online demonstration-based pedagogy for enhancing student engagement in physics.**
Jani, H., Khandelwal, A., Leong, T., Yang, Y., Venkatesan, T.
National Institute of Education (Singapore). Singapore.
2020 ; Research Brief Series (2010-3093): 20-018