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Publications

PUBLICATIONS

- **Doping Dependence of 2-Spinon Excitations in the Doped 1D Cuprate $\text{Ba}_{1-x}\text{CuO}_{2+x}$.** *Physical review letters*
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- **Time-Resolved X-Ray Spectroscopy from the Atomic Orbital Ground State Up** *PHYSICAL REVIEW X*
Jost, D., Lomeli, E. G., Tang, T., Kas, J. J., Rehr, J. J., Lee, W., Jiang, H., Moritz, B., Devereaux, T. P.
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- **Detection of chiral spin fluctuations driven by frustration in Mott insulators** *Phys. Rev. B*
Hsu, K. H., Jia, C., Zhang, E. Z., Jost, D., Moritz, B., Hackl, R., Devereaux, T. P.
2025; 111 (20)
- **Influence of extended interactions on spin dynamics in one-dimensional cuprates** *PHYSICAL REVIEW B*
Tang, T., Jost, D., Moritz, B., Devereaux, T. P.
2024; 110 (16)
- **Predicting Reactivity and Passivation of Solid-State Battery Interfaces.** *ACS applied materials & interfaces*
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- **Low Temperature Dynamic Polaron Liquid in a Manganite Exhibiting Colossal Magnetoresistance.** *Physical review letters*
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- **Publisher Correction: Geometric frustration of Jahn-Teller order in the infinite-layer lattice.** *Nature*
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2023
- **Geometric frustration of Jahn-Teller order in the infinite-layer lattice.** *Nature*
Kim, W. J., Smeaton, M. A., Jia, C., Goodge, B. H., Cho, B., Lee, K., Osada, M., Jost, D., Ievlev, A. V., Moritz, B., Kourkoutis, L. F., Devereaux, T. P., Hwang, et al
2023
- **Quantum critical fluctuations in an Fe-based superconductor** *COMMUNICATIONS PHYSICS*
Jost, D., Peis, L., He, G., Baum, A., Gepraegs, S., Palmstrom, J. C., Ikeda, M. S., Fisher, I. R., Wolf, T., Lederer, S., Kivelson, S. A., Hackl, R.
2022; 5 (1)