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Publications

PUBLICATIONS

- **Sub-micron thick liquid sheets produced by isotropically etched glass nozzles.** *Lab on a chip*
Crissman, C. J., Mo, M., Chen, Z., Yang, J., Huyke, D. A., Glenzer, S. H., Ledbetter, K., F Nunes, J. P., Ng, M. L., Wang, H., Shen, X., Wang, X., DePonte, et al 2022
- **Ultrafast visualization of incipient plasticity in dynamically compressed matter.** *Nature communications*
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- **Effect of lattice excitations on transient near-edge x-ray absorption spectroscopy** *PHYSICAL REVIEW B*
Rothenbach, N., Gruner, M. E., Ollefs, K., Schmitz-Antoniak, C., Salamon, S., Zhou, P., Li, R., Mo, M., Park, S., Shen, X., Weathersby, S., Yang, J., Wang, et al 2021; 104 (14)
- **Imaging the short-lived hydroxyl-hydronium pair in ionized liquid water.** *Science (New York, N.Y.)*
Lin, M., Singh, N., Liang, S., Mo, M., Nunes, J. P., Ledbetter, K., Yang, J., Kozina, M., Weathersby, S., Shen, X., Cordones, A. A., Wolf, T. J., Pemmaraju, et al 2021; 374 (6563): 92-95
- **Observation of a highly conductive warm dense state of water with ultrafast pump-probe free-electron-laser measurements** *MATTER AND RADIATION AT EXTREMES*
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- **Ultrafast visualization of phase transitions in nonequilibrium warm dense matter** *MRS BULLETIN*
Mo, M., Chen, Z., Glenzer, S.
2021
- **Direct observation of ultrafast hydrogen bond strengthening in liquid water.** *Nature*
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- **Structure retrieval in liquid-phase electron scattering.** *Physical chemistry chemical physics : PCCP*
Yang, J., Nunes, J. P., Ledbetter, K., Biasin, E., Centurion, M., Chen, Z., Cordones, A. A., Crissman, C., Deponte, D. P., Glenzer, S. H., Lin, M., Mo, M., Rankine, et al 2020
- **Synthesis of Macroscopic Single Crystals of Ge₂Sb₂Te₅ via Single-Shot Femtosecond Optical Excitation** *CRYSTAL GROWTH & DESIGN*
Zajac, M., Sood, A., Kim, T. R., Mo, M., Kozina, M., Park, S., Shen, X., Guzelturk, B., Lin, M., Yang, J., Weathersby, S., Wang, X., Lindenberg, et al 2020; 20 (10): 6660–67
- **Characterization of defect clusters in ion-irradiated tungsten by X-Ray diffuse scattering** *JOURNAL OF NUCLEAR MATERIALS*
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