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Publications

PUBLICATIONS

- **Femtosecond Visualization of hcp-Iron Strength and Plasticity under Shock Compression.** *Physical review letters*
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- **Ultrafast X-ray Diffraction Study of a Shock-Compressed Iron Meteorite above 100 GPa** *MINERALS*
Tecklenburg, S., Colina-Ruiz, R., Hok, S., Bolme, C., Galtier, E., Granados, E., Hashim, A., Lee, H., Merkel, S., Morrow, B., Nagler, B., Ramos, K., Rittman, et al
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- **Ronchi shearing interferometry for wavefronts with circular symmetry** *JOURNAL OF SYNCHROTRON RADIATION*
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- **In situ X-ray diffraction of silicate liquids and glasses under dynamic and static compression to megabar pressures.** *Proceedings of the National Academy of Sciences of the United States of America*
Morard, G. n., Hernandez, J. A., Guarguaglini, M. n., Bolis, R. n., Benuzzi-Mounaix, A. n., Vinci, T. n., Fiquet, G. n., Baron, M. A., Shim, S. H., Ko, B. n., Gleason, A. E., Mao, W. L., Alonso-Mori, et al
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- **Focal Spot and Wavefront Sensing of an X-Ray Free Electron laser using Ronchi shearing interferometry** *SCIENTIFIC REPORTS*
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- **The phase-contrast imaging instrument at the matter in extreme conditions endstation at LCLS** *REVIEW OF SCIENTIFIC INSTRUMENTS*
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- **Bent crystal spectrometer for both frequency and wavenumber resolved x-ray scattering at a seeded free-electron laser** *REVIEW OF SCIENTIFIC INSTRUMENTS*
Zastrau, U., Fletcher, L. B., Foerster, E., Galtier, E. C., Gamboa, E., Glenzer, S. H., Heimann, P., Marschner, H., Nagler, B., Schropp, A., Wehrhan, O., Lee, H. J.
2014; 85 (9)