Stanford

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- Ph.D. Student in Materials Science and Engineering, admitted Summer 2024
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Publications

PUBLICATIONS

- **Computation and sensitivity analysis of the deformation gradient tensor reconstruction in dark-field X-ray microscopy** *JOURNAL OF APPLIED CRYSTALLOGRAPHY*
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- **Advances in artificial intelligence-based approaches to enhance dark field X-ray microscopy analysis.** *MRS communications*
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- **Planar 30 and 20 method for increased sensitivity to through-plane thermal properties** *INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER*
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- **Advances in artificial intelligence-based approaches to enhance dark field X-ray microscopy analysis** *MRS COMMUNICATIONS*
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- **A percolating path to green iron.** *Cell reports. Physical science*
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- **Oblique diffraction geometry for the observation of several non-coplanar Bragg reflections under identical illumination.** *Journal of applied crystallography*
  Detlefs, C., Henningsson, A., Kanesalingam, B., Cretton, A. A., Corley-Wiciak, C., Frankus, F. T., Pal, D., Irvine, S., Borgi, S., Poulsen, H. F., Yildirim, C., Dresselhaus-Marais, L. E.
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