

## Christina Hampton

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### Publications

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#### PUBLICATIONS

- **Attosecond-pump attosecond-probe x-ray spectroscopy of liquid water.** *Science (New York, N.Y.)*  
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2024: eadn6059
- **Concentric-flow electrokinetic injector enables serial crystallography of ribosome and photosystem II** *NATURE METHODS*  
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- **Single-shot diffraction data from the Mimivirus particle using an X-ray free-electron laser.** *Scientific data*  
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2016; 3: 160060-?
- **Anomalous Behavior of the Homogeneous Ice Nucleation Rate in "No-Man's Land"** *JOURNAL OF PHYSICAL CHEMISTRY LETTERS*  
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- **Anomalous Behavior of the Homogeneous Ice Nucleation Rate in "No-Man's Land".** *journal of physical chemistry letters*  
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- **Ultrafast X-ray probing of water structure below the homogeneous ice nucleation temperature** *NATURE*  
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2014; 510 (7505): 381-?
- **Sensing the wavefront of x-ray free-electron lasers using aerosol spheres** *OPTICS EXPRESS*  
Loh, N. D., Starodub, D., Lomb, L., Hampton, C. Y., Martin, A. V., Sierra, R. G., Barty, A., Aquila, A., Schulz, J., Steinbrener, J., Shoeman, R. L., Kassemeyer, S., Bostedt, et al  
2013; 21 (10): 12385-12394
- **Single-particle structure determination by correlations of snapshot X-ray diffraction patterns** *NATURE COMMUNICATIONS*  
Starodub, D., Aquila, A., Bajt, S., Barthelmess, M., Barty, A., Bostedt, C., Bozek, J. D., Coppola, N., Doak, R. B., Epp, S. W., Erk, B., Foucar, L., GUMPRECHT, et al  
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- **Nanoflow electrospinning serial femtosecond crystallography** *ACTA CRYSTALLOGRAPHICA SECTION D-BIOLOGICAL CRYSTALLOGRAPHY*  
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- **High-Resolution Protein Structure Determination by Serial Femtosecond Crystallography** *SCIENCE*  
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- **Lipidic phase membrane protein serial femtosecond crystallography** *NATURE METHODS*  
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- **Single-particle coherent diffractive imaging with a soft x-ray free electron laser: towards soot aerosol morphology** *JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS*  
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- **Peptidyl alpha-ketoamides with nucleobases, methylpiperazine, and dimethylaminoalkyl substituents as calpain inhibitors.** *Journal of medicinal chemistry*  
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