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Publications

PUBLICATIONS

- **Terawatt-scale attosecond X-ray pulses from a cascaded superradiant free-electron laser** *NATURE PHOTONICS*
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2024
- **Investigating charge-up and fragmentation dynamics of oxygen molecules after interaction with strong X-ray free-electron laser pulses.** *Physical chemistry chemical physics : PCCP*
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- **The time-resolved atomic, molecular and optical science instrument at the Linac Coherent Light Source.** *Journal of synchrotron radiation*
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- **Strong-Field-Induced Coulomb Explosion Imaging of Tribromomethane.** *The journal of physical chemistry letters*
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- **X-ray multiphoton-induced Coulomb explosion images complex single molecules** *NATURE PHYSICS*
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- **Coulomb explosion imaging of small polyatomic molecules with ultrashort x-ray pulses** *PHYSICAL REVIEW RESEARCH*
Li, X., Rudenko, A., Schoeffler, M. S., Anders, N., Baumann, T. M., Eckart, S., Erk, B., De Fanis, A., Fehre, K., Doerner, R., Foucar, L., Grundmann, S., Grychtol, et al
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- **The X-ray Focusing System at the Time-Resolved AMO Instrument** *Synchrotron Radiation News*
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- **Inner-Shell-Ionization-Induced Femtosecond Structural Dynamics of Water Molecules Imaged at an X-Ray Free-Electron Laser** *PHYSICAL REVIEW X*
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