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Publications

PUBLICATIONS

- **Positron acceleration in plasma wakefields** *PHYSICAL REVIEW ACCELERATORS AND BEAMS*
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- **Temporal evolution of the light emitted by a thin, laser-ionized plasma source** *PHYSICS OF PLASMAS*
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- **Status and future plans for C³ R&D** *JOURNAL OF INSTRUMENTATION*
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- **Beam delivery and beamstrahlung considerations for ultra-high energy linear colliders** *JOURNAL OF INSTRUMENTATION*
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- **A liquid xenon positron target concept** *NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT*
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- **Probing strong-field QED in beam-plasma collisions (vol 6, 141, 2023)** *COMMUNICATIONS PHYSICS*
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2023; 6 (1)
- **9 GeV energy gain in a beam-driven plasma wakefield accelerator** *PLASMA PHYSICS AND CONTROLLED FUSION*
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- **Adaptive method for electron bunch profile prediction** *PHYSICAL REVIEW SPECIAL TOPICS-ACCELERATORS AND BEAMS*
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2015; 18 (10)
- **Multi-gigaelectronvolt acceleration of positrons in a self-loaded plasma wakefield** *NATURE*
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- **High-efficiency acceleration of an electron beam in a plasma wakefield accelerator** *NATURE*

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• **Extremum Seeking for Parameter Identification, Implementation for Electron Beam Property Prediction**

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