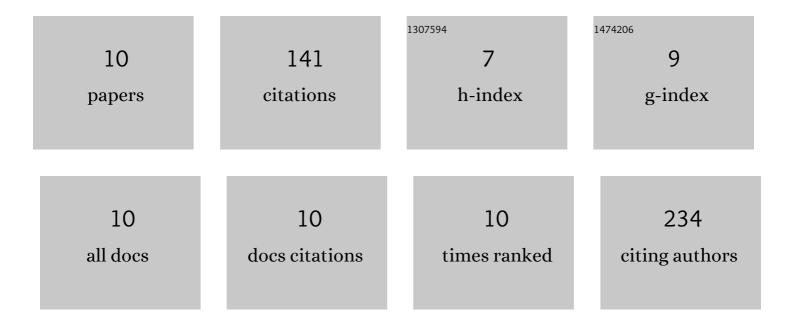
## **Thomas Kurz**

List of Publications by Year in descending order

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THOMAS KUDZ

| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Demonstration of a compact plasma accelerator powered by laser-accelerated electron beams. Nature<br>Communications, 2021, 12, 2895.   | 12.8 | 31        |
| 2  | Calibration and cross-laboratory implementation of scintillating screens for electron bunch charge determination. Review of Scientific Instruments, 2018, 89, 093303.  | 1.3  | 29        |
| 3  | Direct Observation of Plasma Waves and Dynamics Induced by Laser-Accelerated Electron Beams.<br>Physical Review X, 2019, 9, .  | 8.9  | 19        |
| 4  | Probing ultrafast magnetic-field generation by current filamentation instability in femtosecond relativistic laser-matter interactions. Physical Review Research, 2020, 2, .   | 3.6  | 19        |
| 5  | Compact spectroscopy of keV to MeV X-rays from a laser wakefield accelerator. Scientific Reports, 2021, 11, 14368.   | 3.3  | 12        |
| 6  | Hybrid LWFA–PWFA staging as a beam energy and brightness transformer: conceptual design and<br>simulations. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences,<br>2019, 377, 20180175. | 3.4  | 11        |
| 7  | Gas-dynamic density downramp injection in a beam-driven plasma wakefield accelerator. Physical<br>Review Research, 2021, 3, .  | 3.6  | 11        |
| 8  | Multioctave high-dynamic range optical spectrometer for single-pulse, longitudinal characterization of ultrashort electron bunches. Physical Review Accelerators and Beams, 2022, 25, .                                    | 1.6  | 6         |
| 9  | Charge calibration of DRZ scintillation phosphor screens. Journal of Instrumentation, 2019, 14, P09025-P09025.   | 1.2  | 3         |
| 10 | Advanced Methods for Temporal Reconstruction of Modulated Electron Bunches. , 2018, , .  |      | 0         |