

Thomas Andre

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

151
citations

1307594

7
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

226
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Control of laser plasma accelerated electrons for light sources. Nature Communications, 2018, 9, 1334. | 12.8 | 50 |
| 2 | Variable high gradient permanent magnet quadrupole (QUAPEVA). Applied Physics Letters, 2017, 111, . | 3.3 | 34 |
| 3 | Tunable high gradient quadrupoles for a laser plasma acceleration based FEL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 909, 290-293. | 1.6 | 18 |
| 4 | Tunable High Spatio-Spectral Purity Undulator Radiation from a Transported Laser Plasma Accelerated Electron Beam. Scientific Reports, 2019, 9, 19020. | 3.3 | 12 |
| 5 | Robustness of a plasma acceleration based free electron laser. Physical Review Accelerators and Beams, 2018, 21, . | 1.6 | 12 |
| 6 | Skew Quadrupole Effect of Laser Plasma Electron Beam Transport. Applied Sciences (Switzerland), 2019, 9, 2447. | 2.5 | 7 |
| 7 | Electron and photon diagnostics for plasma acceleration-based FELs. Journal of Synchrotron Radiation, 2018, 25, 59-67. | 2.4 | 7 |
| 8 | COXINEL transport of laser plasma accelerated electrons. Plasma Physics and Controlled Fusion, 2020, 62, 034001. | 2.1 | 5 |
| 9 | Energy spread tuning of a laser-plasma accelerated electron beam in a magnetic chicane. Plasma Physics and Controlled Fusion, 2020, 62, 074003. | 2.1 | 4 |
| 10 | Modeling the fringe field of permanent magnet multipoles using numerical simulations. Review of Scientific Instruments, 2020, 91, 043305. | 1.3 | 2 |
| 11 | Frequency scaling with miniature COmpact Microwave and Coaxial ion sources. Review of Scientific Instruments, 2014, 85, 02C316. | 1.3 | 0 |
| 12 | Towards a free electron laser using laser plasma acceleration on COXINEL. , 2019, , . | | 0 |
| 13 | Control of undulator radiation using a Laser Plasma Acceleration Source. Journal of Physics: Conference Series, 2020, 1596, 012045. | 0.4 | 0 |
| 14 | Progress towards laser plasma based free electron laser on COXINEL. Journal of Physics: Conference Series, 2020, 1596, 012040. | 0.4 | 0 |