

Alexandra Tebartz

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

412
citations

1307594

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h-index

1281871

11
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11
all docs

11
docs citations

11
times ranked

670
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Maximum Proton Energy above 85 MeV from the Relativistic Interaction of Laser Pulses with Micrometer Thick CH_2 Targets. Physical Review Letters, 2016, 116, 205002. | 7.8 | 234 |
| 2 | Laser-plasmas in the relativistic-transparency regime: Science and applications. Physics of Plasmas, 2017, 24, 056702. | 1.9 | 44 |
| 3 | Intense, directed neutron beams from a laser-driven neutron source at PHELIX. Physics of Plasmas, 2018, 25, . | 1.9 | 40 |
| 4 | Accelerating ions with high-energy short laser pulses from submicrometer thick targets. High Power Laser Science and Engineering, 2016, 4, . | 4.6 | 26 |
| 5 | Simultaneous observation of angularly separated laser-driven proton beams accelerated via two different mechanisms. Physics of Plasmas, 2015, 22, . | 1.9 | 24 |
| 6 | Demonstration of non-destructive and isotope-sensitive material analysis using a short-pulsed laser-driven epi-thermal neutron source. Nature Communications, 2022, 13, 1173. | 12.8 | 18 |
| 7 | High resolution Thomson Parabola Spectrometer for full spectral capture of multi-species ion beams. Review of Scientific Instruments, 2016, 87, 083304. | 1.3 | 11 |
| 8 | In-situ formation of solidified hydrogen thin-membrane targets using a pulse tube cryocooler. Journal of Physics: Conference Series, 2016, 713, 012006. | 0.4 | 5 |
| 9 | Creation and characterization of free-standing cryogenic targets for laser-driven ion acceleration. Review of Scientific Instruments, 2017, 88, 093512. | 1.3 | 5 |
| 10 | Development of a Setup for Material Identification Based on Laser-Driven Neutron Resonance Spectroscopy. EPJ Web of Conferences, 2020, 231, 01006. | 0.3 | 3 |
| 11 | Fabrication and characterization of thin polymer targets for laser-driven ion acceleration. Journal of Physics: Conference Series, 2016, 713, 012005. | 0.4 | 2 |