

Alexandra Tebartz

List of Publications by Year in descending order

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11
papers

412
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

670
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Development of a Setup for Material Identification Based on Laser-Driven Neutron Resonance Spectroscopy. EPJ Web of Conferences, 2020, 231, 01006.	0.3	3
3	Intense, directed neutron beams from a laser-driven neutron source at PHELIX. Physics of Plasmas, 2018, 25, .	1.9	40
4	Laser-plasmas in the relativistic-transparency regime: Science and applications. Physics of Plasmas, 2017, 24, 056702.	1.9	44
5	Creation and characterization of free-standing cryogenic targets for laser-driven ion acceleration. Review of Scientific Instruments, 2017, 88, 093512.	1.3	5
6	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
7	Fabrication and characterization of thin polymer targets for laser-driven ion acceleration. Journal of Physics: Conference Series, 2016, 713, 012005.	0.4	2
8	High resolution Thomson Parabola Spectrometer for full spectral capture of multi-species ion beams. Review of Scientific Instruments, 2016, 87, 083304.	1.3	11
9	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	284
10	Accelerating ions with high-energy short laser pulses from submicrometer thick targets. High Power Laser Science and Engineering, 2016, 4, .	4.6	26
11	Simultaneous observation of angularly separated laser-driven proton beams accelerated via two different mechanisms. Physics of Plasmas, 2015, 22, .	1.9	24