

Ludovic Lecherbourg

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9740453/publications.pdf>

Version: 2024-02-01

8
papers

282
citations

1478505
6
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

533
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and current progress of the Apollon 10 PW project. High Power Laser Science and Engineering, 2015, 3, .	4.6	132
2	Probing warm dense matter using femtosecond X-ray absorption spectroscopy with a laser-produced betatron source. Nature Communications, 2018, 9, 3276.	12.8	74
3	Characterization and performance of the Apollon short-focal-area facility following its commissioning at 1 PW level. Matter and Radiation at Extremes, 2021, 6, .	3.9	21
4	Electron-ion thermal equilibration dynamics in femtosecond heated warm dense copper. Physical Review B, 2018, 97, .	3.2	17
5	Understanding XANES spectra of two-temperature warm dense copper using ab initio simulations. Physical Review B, 2020, 101, .	3.2	14
6	Ultrafast Thermal Melting in Nonequilibrium Warm Dense Copper. Physical Review Letters, 2021, 126, 065001.	7.8	14
7	Two-channel high-resolution quasi-monochromatic X-ray imager for Al and Ti plasma. Review of Scientific Instruments, 2018, 89, 113702.	1.3	5
8	Femtosecond Resolution of the Nonballistic Electron Energy Transport in Warm Dense Copper. Physical Review Letters, 2021, 127, 275901.	7.8	5