

NoÃ©mie Jourdain

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1337810/publications.pdf>

Version: 2024-02-01

13
papers

248
citations

1040056

9
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

342
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing warm dense matter using femtosecond X-ray absorption spectroscopy with a laser-produced betatron source. <i>Nature Communications</i> , 2018, 9, 3276.	12.8	74
2	The L4n laser beamline of the P3-installation: Towards high-repetition rate high-energy density physics at ELI-Beamlines. <i>Matter and Radiation at Extremes</i> , 2021, 6, .	3.9	34
3	Studies of laser-plasma interaction physics with low-density targets for direct-drive inertial confinement fusion on the Shenguang III prototype. <i>Matter and Radiation at Extremes</i> , 2021, 6, .	3.9	31
4	Design, installation and commissioning of the ELI-Beamlines high-power, high-repetition rate HAPLS laser beam transport system to P3. <i>High Power Laser Science and Engineering</i> , 2021, 9, .	4.6	20
5	Hard X Rays from Laser-Wakefield Accelerators in Density Tailored Plasmas. <i>Physical Review X</i> , 2020, 10, .	8.9	19
6	Electron-ion thermal equilibration dynamics in femtosecond heated warm dense copper. <i>Physical Review B</i> , 2018, 97, .	3.2	17
7	Understanding XANES spectra of two-temperature warm dense copper using ab initio simulations. <i>Physical Review B</i> , 2020, 101, .	3.2	14
8	Ultrafast Thermal Melting in Nonequilibrium Warm Dense Copper. <i>Physical Review Letters</i> , 2021, 126, 065001.	7.8	14
9	Comparisons of x-ray sources generated from subpicosecond laser-plasma interaction on clusters and on solid targets. <i>Physical Review E</i> , 2018, 98, .	2.1	9
10	High-repetition rate solid target delivery system for PW-class laser-matter interaction at ELI Beamlines. <i>Review of Scientific Instruments</i> , 2021, 92, 063504.	1.3	8
11	Femtosecond Resolution of the Nonballistic Electron Energy Transport in Warm Dense Copper. <i>Physical Review Letters</i> , 2021, 127, 275901.	7.8	5
12	X-ray absorption near edge spectroscopy study of warm dense MgO. <i>Physics of Plasmas</i> , 2019, 26, 112703.	1.9	3
13	10.1063/5.0053281.1., 2021, , .		0