

Peter V Heuer

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

89
citations

1478505

6
h-index

1372567

10
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13
all docs

13
docs citations

13
times ranked

80
citing authors

#	ARTICLE	IF	CITATIONS
1	Observations of a field-aligned ion/ion-beam instability in a magnetized laboratory plasma. <i>Physics of Plasmas</i> , 2018, 25, .	1.9	19
2	A platform for high-repetition-rate laser experiments on the Large Plasma Device. <i>High Power Laser Science and Engineering</i> , 2018, 6, .	4.6	14
3	Laboratory Observations of Ultra-low-frequency Analog Waves Driven by the Right-hand Resonant Ion Beam Instability. <i>Astrophysical Journal Letters</i> , 2020, 891, L11.	8.3	12
4	Laser-driven, ion-scale magnetospheres in laboratory plasmas. I. Experimental platform and first results. <i>Physics of Plasmas</i> , 2022, 29, .	1.9	9
5	Raster Thomson scattering in large-scale laser plasmas produced at high repetition rate. <i>Review of Scientific Instruments</i> , 2021, 92, 093102.	1.3	7
6	High repetition rate exploration of the Biermann battery effect in laser produced plasmas over large spatial regions. <i>High Power Laser Science and Engineering</i> , 2022, 10, .	4.6	7
7	Laser-produced plasmas as drivers of laboratory collisionless quasi-parallel shocks. <i>Physics of Plasmas</i> , 2020, 27, 042103.	1.9	5
8	Diagnosing magnetic fields in cylindrical implosions with oblique proton radiography. <i>Physics of Plasmas</i> , 2022, 29, .	1.9	5
9	Kinetic simulation study of magnetized collisionless shock formation on a terawatt laser system. <i>Physics of Plasmas</i> , 2021, 28, .	1.9	4
10	Measurements of ion velocity distributions in a large scale laser-produced plasma. <i>Review of Scientific Instruments</i> , 2020, 91, 103103.	1.3	3
11	Effect of laser preheat in magnetized liner inertial fusion at OMEGA. <i>Physics of Plasmas</i> , 2022, 29, 042703.	1.9	3
12	Analysis of limited coverage effects on areal density measurements in inertial confinement fusion implosions. <i>Physics of Plasmas</i> , 2022, 29, .	1.9	1