

Peter V Heuer

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

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1478505

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1372567

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13
all docs

13
docs citations

13
times ranked

80
citing authors

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