

Henri PÃ©pin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1453959/publications.pdf>

Version: 2024-02-01

10
papers

449
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

524
citing authors

#	ARTICLE	IF	CITATIONS
1	Laboratory formation of a scaled protostellar jet by coaligned poloidal magnetic field. <i>Science</i> , 2014, 346, 325-328.	12.6	173
2	Astrophysics of Magnetically Collimated Jets Generated from Laser-Produced Plasmas. <i>Physical Review Letters</i> , 2013, 110, 025002.	7.8	61
3	Production of large volume, strongly magnetized laser-produced plasmas by use of pulsed external magnetic fields. <i>Review of Scientific Instruments</i> , 2013, 84, 043505.	1.3	57
4	Laser acceleration of low emittance, high energy ions and applications. <i>Comptes Rendus Physique</i> , 2009, 10, 176-187.	0.9	37
5	Laboratory unraveling of matter accretion in young stars. <i>Science Advances</i> , 2017, 3, e1700982.	10.3	35
6	Detailed characterization of laser-produced astrophysically-relevant jets formed via a poloidal magnetic nozzle. <i>High Energy Density Physics</i> , 2017, 23, 48-59.	1.5	25
7	Growth of concomitant laser-driven collisionless and resistive electron filamentation instabilities over large spatiotemporal scales. <i>Nature Physics</i> , 2020, 16, 983-988.	16.7	20
8	Dynamics and structure of self-generated magnetic fields on solids following high contrast, high intensity laser irradiation. <i>Physics of Plasmas</i> , 2015, 22, .	1.9	18
9	Enhancement of Quasistationary Shocks and Heating via Temporal Staging in a Magnetized Laser-Plasma Jet. <i>Physical Review Letters</i> , 2017, 119, 255002.	7.8	18
10	A compact broadband ion beam focusing device based on laser-driven megagauss thermoelectric magnetic fields. <i>Review of Scientific Instruments</i> , 2015, 86, 043502.	1.3	5