

Michael Jones

List of Publications by Year in descending order

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papers

714
citations

759233

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1058476

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14
docs citations

14
times ranked

507
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of pulsed power-driven high energy density physics research on Z at Sandia. Physics of Plasmas, 2020, 27, .	1.9	140
2	The design of a line velocity interferometer for any reflector for inertial confinement experiments on the Z-machine. Review of Scientific Instruments, 2020, 91, 043508.	1.3	4
3	Investigating the effect of adding an on-axis jet to Ar gas puff Z pinches on Z. Physics of Plasmas, 2016, 23, .	1.9	13
4	The effect of gradients at stagnation on K-shell x-ray line emission in high-current Ar gas-puff implosions. Physics of Plasmas, 2015, 22, 020706.	1.9	20
5	Modified helix-like instability structure on imploding z-pinch liners that are pre-imposed with a uniform axial magnetic field. Physics of Plasmas, 2014, 21, .	1.9	69
6	X-ray power and yield measurements at the refurbished Z machine. Review of Scientific Instruments, 2014, 85, 083501.	1.3	68
7	Contrasting physics in wire array z pinch sources of 1-20 keV emission on the Z facility. Physics of Plasmas, 2014, 21, .	1.9	36
8	Beryllium liner implosion experiments on the Z accelerator in preparation for magnetized liner inertial fusion. Physics of Plasmas, 2013, 20, .	1.9	95
9	K-shell emission trends from 60 to 130 cm/s stainless steel implosions. Physics of Plasmas, 2013, 20, 103116.	1.9	18
10	Architecture, implementation, and testing of a multiple-shell gas injection system for high current implosions on the Z accelerator. Review of Scientific Instruments, 2013, 84, 063504.	1.3	16
11	Magnetically Driven Implosions for Inertial Confinement Fusion at Sandia National Laboratories. IEEE Transactions on Plasma Science, 2012, 40, 3222-3245.	1.3	154
12	Circuit Model for Driving Three-Dimensional Resistive MHD Wire Array Z-Pinch Calculations. IEEE Transactions on Plasma Science, 2010, 38, 529-539.	1.3	48
13	Two-Dimensional Radiation MHD K-Shell Modeling of Stainless-Steel Double-Wire-Array Experiments on the Refurbished Z Machine. IEEE Transactions on Plasma Science, 2010, 38, 606-617.	1.3	5
14	20ns interframe time 2-frame 6.151keV x-ray imaging on the recently upgraded Z Accelerator: A progress report. Review of Scientific Instruments, 2008, 79, 10E914.	1.3	28