

Timothy Flanagan

List of Publications by Year in descending order

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14
papers

396
citations

1163117

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15
all docs

15
docs citations

15
times ranked

417
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	Observation of the spatial growth of self-excited dust-density waves. Physics of Plasmas, 2010, 17, .	1.9	62
3	A Renewed Capability for Gas Puff Science on Sandia's Z Machine. IEEE Transactions on Plasma Science, 2014, 42, 1145-1152.	1.3	62
4	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
5	Development of nonlinearity in a growing self-excited dust-density wave. Physics of Plasmas, 2011, 18, 013705.	1.9	28
6	Experimental observation of cnoidal waveform of nonlinear dust acoustic waves. Physics of Plasmas, 2018, 25, .	1.9	24
7	K-shell emission trends from 60 to 130 cm/s stainless steel implosions. Physics of Plasmas, 2013, 20, 103116.	1.9	18
8	Gas flow driven by thermal creep in dusty plasma. Physical Review E, 2009, 80, 046402.	2.1	16
9	A non-LTE analysis of high energy density Kr plasmas on Z and NIF. Physics of Plasmas, 2016, 23, 101208.	1.9	4
10	Gold photoemission survey spectra from hard x rays. Surface Science Spectra, 2020, 27, 014004.	1.3	2
11	Sample test array and recovery (STAR) platform at the National Ignition Facility. Review of Scientific Instruments, 2021, 92, 053539.	1.3	2
12	10.1063/1.3524691.1., 2010, , .		1
13	10.1063/1.3544938.1., 2011, , .		1
14	Molybdenum and silver photoemission survey spectra from hard x-rays. Surface Science Spectra, 2021, 28, 014005.	1.3	0