

Guy Rosenzweig

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

146
citations

1307594

7
h-index

1588992

8
g-index

12
all docs

12
docs citations

12
times ranked

168
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of MHD Instabilities in Plasma Imploding Under Magnetic Field. IEEE Transactions on Plasma Science, 2011, 39, 2392-2393.	1.3	46
2	Laser-driven semiconductor switch for generating nanosecond pulses from a megawatt gyrotron. Applied Physics Letters, 2019, 114, 164102.	3.3	32
3	Local measurements of the spatial magnetic field distribution in a z-pinch plasma during and near stagnation using polarization spectroscopy. Physics of Plasmas, 2020, 27, .	1.9	18
4	Measurements of the spatial magnetic field distribution in a z-pinch plasma throughout the stagnation process. Journal of Instrumentation, 2017, 12, P09004-P09004.	1.2	17
5	Determination of magnetic fields based on the Zeeman effect in regimes inaccessible by Zeeman-splitting spectroscopy. High Energy Density Physics, 2014, 10, 56-60.	1.5	15
6	Design and High-Power Test of an Internal Coupler to HE ₁₁ Mode in Corrugated Waveguide for High-Power Gyrotrons. IEEE Transactions on Electron Devices, 2018, 65, 2316-2320.	3.0	9
7	Subterahertz Photonic Crystal Klystron Amplifier. Physical Review Letters, 2019, 123, 244801.	7.8	8
8	Phase Measurements of a 140-GHz Confocal Gyro-Amplifier. Journal of Infrared, Millimeter, and Terahertz Waves, 2021, 42, 29-39.	2.2	1
9	Measurements of the time-dependent spatial magnetic field distribution and structure of a Z-pinch plasma throughout the stagnation process. , 2014, , .		0
10	Measurements of the magnetic field distribution in a z-pinch plasma during and near stagnation, using polarization spectroscopy. , 2015, , .		0
11	Simulations of Gas-PUFF Z-Pinch Implosions with Axial and Azimuthal Magnetic Fields in the Weizmann Z-Pinch. , 2018, , .		0
12	Experimental Demonstration of a W-band Photonic Bandgap Klystron. , 2020, , .		0