Yitzhak Maron

List of Publications by Year
in descending order

15	293	1478505 6	1372567 10
papers	citations	h-index	g-index

16	16	16	225
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Target heating in femtosecond laserâ€“plasma interactions: Quantitative analysis of experimental data. Physics of Plasmas, 2021, 28, .	1.9	2
2	Recent Simulations of Nozzle Gas Flow and Gas-Puff Z-Pinch Implosions with Magnetic Fields in the Weizmann Z-Pinch. , 2021, , .		1
3	On the Stark Effect of the O I 777-nm Triplet in Plasma and Laser Fields. Atoms, 2020, 8, 84.	1.6	7
4	Experimental determination of the thermal, turbulent, and rotational ion motion and magnetic field profiles in imploding plasmas. Physics of Plasmas, 2020, 27, .	1.9	13
5	Spectroscopic Investigations of the Ion Temperature, Turbulence, and Current Flow in Pulsed Power Systems. , 2020, , .		0
6	Determination of the Ion Temperature in a High-Energy-Density Plasma Using the Stark Effect. Physical Review Letters, 2019, 122, 095001.	7.8	8
7	Simulations of Gas-PUFF Z-Pinch Implosions with Axial and Azimuthal Magnetic Fields in the Weizmann Z-Pinch. , 2018, , .		0
8	Energy content of target and electron flow in femtosecond laser target interactions. Laser and Particle Beams, 2015, 33, 245-256.	1.0	3
9	KÎ± emission and secondary electrons in femtosecond laser target interactions. Laser and Particle Beams, 2015, 33, 685-693.	1.0	0
10	Mitigation of Instabilities in a Z-Pinch Plasma by a Preembedded Axial Magnetic Field. IEEE Transactions on Plasma Science, 2014, 42, 2524-2525.	1.3	70
11	Interaction of Plasmas with Pulsed Magnetic Fields: What Can We Learn from the Field Measurements?. , 2007, , .		0
12	Radiation transport and density effects in non-equilibrium plasmas. High Energy Density Physics, 2007, 3, 283-286.	1.5	12
13	Accelerated recombination due to resonant deexcitation of metastable states. Journal of Quantitative Spectroscopy and Radiative Transfer, 2001, 71, 609-621.	2.3	153
14	Role of neutrals in plasma expansion in ion diodes. Physics of Fluids B, 1989, 1, 670-674.	1.7	20
15	Thermalâ€resistive instability and magnetic insulation breakdown in ion diodes. Journal of Applied Physics, 1988, 64, 1078-1082.	2.5	1