Ralf Schneider

List of Publications by Year
in descending order

10 papers	113 citations	1478505 6 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	79 citing authors

#	Article	IF	Citations
1	Kinetic Simulations of SPT and HEMP Thrusters Including the Near-Field Plume Region. IEEE Transactions on Plasma Science, 2010, 38, 2274-2280.	1.3	27
2	Miniaturization perspectives of electrostatic propulsion for small spacecraft platforms. Progress in Aerospace Sciences, 2021, 126, 100742.	12.1	19
3	Numerical modeling of high efficiency multistage plasma thrusters for space applications. Reviews of Modern Plasma Physics, 2019, 3, 1.	4.1	18
4	Particle-in-cell simulation of the cathodic arc thruster. Physics of Plasmas, 2018, 25, 013508.	1.9	11
5	Particleâ€inâ€cell simulation of an optimized highâ€efficiency multistage plasma thruster. Contributions To Plasma Physics, 2019, 59, e201900028.	1.1	10
6	Levitron: multi-scale analysis of stability. Dynamical Systems, 2014, 29, 208-224.	0.4	8
7	Similarity scalingâ€application and limits for highâ€efficiencyâ€multistageâ€plasmaâ€thruster particleâ€inâ€cell modelling. Contributions To Plasma Physics, 2020, 60, e201900199.	1.1	7
8	PIC simulations of capacitively coupled oxygen rf discharges. European Physical Journal D, 2018, 72, 1.	1.3	5
9	Particle-in-Cell Simulation of a Down-Scaled HEMP Thruster. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2016, 14, Pb_235-Pb_242.	0.2	4
10	Statistical Analysis of Table-Tennis Ball Trajectories. Applied Sciences (Switzerland), 2018, 8, 2595.	2.5	4