

Ralf Schneider

List of Publications by Year in descending order

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papers

113
citations

1478505

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1372567

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g-index

10
all docs

10
docs citations

10
times ranked

79
citing authors

#	ARTICLE	IF	CITATIONS
1	Miniaturization perspectives of electrostatic propulsion for small spacecraft platforms. Progress in Aerospace Sciences, 2021, 126, 100742.	12.1	19
2	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
3	Particleâ€”inâ€”cell simulation of an optimized highâ€”efficiency multistage plasma thruster. Contributions To Plasma Physics, 2019, 59, e201900028.	1.1	10
4	Numerical modeling of high efficiency multistage plasma thrusters for space applications. Reviews of Modern Plasma Physics, 2019, 3, 1.	4.1	18
5	Particle-in-cell simulation of the cathodic arc thruster. Physics of Plasmas, 2018, 25, 013508.	1.9	11
6	Statistical Analysis of Table-Tennis Ball Trajectories. Applied Sciences (Switzerland), 2018, 8, 2595.	2.5	4
7	PIC simulations of capacitively coupled oxygen rf discharges. European Physical Journal D, 2018, 72, 1.	1.3	5
8	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
9	Levitron: multi-scale analysis of stability. Dynamical Systems, 2014, 29, 208-224.	0.4	8
10	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