

Daisuke Ichihara

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

70
citations

1684188

5
h-index

1588992

8
g-index

24
all docs

24
docs citations

24
times ranked

29
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy conversion efficiency of electrical exploding foil accelerators. AIP Advances, 2021, 11, .	1.3	4
2	Electrostaticâ€“magnetic hybrid ion acceleration for high-thrust-density operation. Journal of Applied Physics, 2021, 130, 223303.	2.5	6
3	Central and External Cathode Operations in a Diverging-Magnetic-Field Electrostatic Thruster. Journal of Propulsion and Power, 2020, 36, 68-77.	2.2	2
4	Boundary Effect on the Laser-ablation Impulse Characteristics of a Flat-Head Cylinder. Transactions of the Japan Society for Aeronautical and Space Sciences, 2020, 63, 109-112.	0.7	1
5	High-Specific-Impulse Electrostatic Thruster with Argon Propellant. Journal of Propulsion and Power, 2020, 36, 256-263.	2.2	2
6	Similar Thrust Performance in Diverging-Magnetic-Field Electrostatic Thruster with Monoatomic Propellants. Journal of Propulsion and Power, 2019, 35, 236-238.	2.2	2
7	Electrostatic-magnetic-hybrid thrust generation in centralâ€“cathode electrostatic thruster (CCâ€“EST). Acta Astronautica, 2018, 152, 137-145.	3.2	6
8	Effects of magnetic field profile near anode on ion acceleration characteristics of a diverging magnetic field electrostatic thruster. Journal of Applied Physics, 2017, 122, 043302.	2.5	6
9	Power matching between plasma generation and electrostatic acceleration in helicon electrostatic thruster. Acta Astronautica, 2017, 139, 157-164.	3.2	1
10	Ten-Ampere-Level, Applied-Field-Dominant Operation in Magnetoplasma-dynamic Thrusters. Journal of Propulsion and Power, 2017, 33, 360-369.	2.2	21
11	Electrostatic ion acceleration across a diverging magnetic field. Applied Physics Letters, 2016, 109, .	3.3	7
12	Anode Geometry Effects on Ion Beam Energy Performance in Helicon Electrostatic Thruster. IEEE Transactions on Plasma Science, 2016, 44, 306-313.	1.3	7
13	Operation Characteristics of Steady-State, Applied Field, Rectangular Magnetoplasma-dynamics (MPD) Thruster. Journal of the Japan Society for Aeronautical and Space Sciences, 2015, 63, 37-44.	0.1	1
14	Thrust Density Enhancement in an Electrostaticâ€“Magnetic Hybrid Thruster. Journal of Propulsion and Power, 0, , 1-4.	2.2	2
15	Geometrical matching in remote in-tube shock compression by an unsteady jet. Shock Waves, 0, , 1.	1.9	0