

Casey C Farnell

List of Publications by Year in descending order

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Combined electrostatic analyzerâ€™Wien filter probe for characterization of species distributions in Hall thrusters. Journal of Applied Physics, 2021, 130, .	2.5	4
2	Development of an Iodine Compatible Hollow Cathode. , 2019, , .		5
3	Performance Comparison of a 1.5 kW Hall Thruster with Center-Mounted and Outer-Pole-Mounted Heaterless Cathodes. , 2019, , .		1
4	Test Results of ExoTerra's Halo Micro Electric Propulsion System for Microsatellites. , 2019, , .		6
5	Thermoelectric Properties and Morphology of Si/SiC Thin-Film Multilayers Grown by Ion Beam Sputtering. Coatings, 2018, 8, 109.	2.6	1
6	Non-invasive Hall current distribution measurement in a Hall effect thruster. Review of Scientific Instruments, 2017, 88, 013507.	1.3	8
7	Recommended Practice for Use of Electrostatic Analyzers in Electric Propulsion Testing. Journal of Propulsion and Power, 2017, 33, 638-658.	2.2	10
8	Synchronized Measurement of Plasma Characteristics In a Hall Effect Thruster. , 2016, , .		0
9	Non-Invasive Hall Current Distribution Measurement in a Hall Effect Thruster. , 2015, , .		1
10	Extracted Current, Bias Voltage, and Ion Production of Cathodic Hollow-Cathode-Driven Plasma Contactors. Journal of Spacecraft and Rockets, 2015, 52, 1181-1192.	1.9	10
11	The plasma properties and electron emission characteristics of near-zero differential resistance of hollow cathode-based plasma contactors with a discharge chamber. Physics of Plasmas, 2014, 21, 083506.	1.9	5
12	Characterization of an Atomic Oxygen Plasma Source for Ground-Based Simulation of the LEO Neutral Environment. , 2013, , .		1
13	Comparison of hollow cathode discharge plasma configurations. Plasma Sources Science and Technology, 2011, 20, 025006.	3.1	28
14	Ion Emissive Membranes for Propulsion Applications. , 2009, , .		1
15	Direct and remote measurements of a hollow cathode discharge. , 2007, , .		0
16	Correlation of Direct and Remote Measurements on a Hollow Cathode Plasma Discharge. , 2007, , .		0
17	Measurement of Ion Energy Distributions Produced within an NSTAR Discharge Chamber. , 2004, , .		3