

C L Enloe

List of Publications by Year in descending order

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18
papers

946
citations

1040056

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888059

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18
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docs citations

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times ranked

455
citing authors

#	ARTICLE	IF	CITATIONS
1	Holistic numerical calibration of the iMESA electrostatic analyzer. Review of Scientific Instruments, 2021, 92, 023303.	1.3	2
2	The Effects of Spacecraft Potential on Ionospheric Ion Measurements. Journal of Spacecraft and Rockets, 2021, 58, 1704-1713.	1.9	5
3	Polarity dependence of electrical breakdown in argon under a non-uniform electric field. Physics of Plasmas, 2021, 28, 093511.	1.9	0
4	The integrated miniaturized electrostatic analyzer: A space plasma environment sensor. Review of Scientific Instruments, 2020, 91, 123302.	1.3	8
5	Electromagnetic fluctuations in the intermediate frequency range originating from a plasma boundary layer. Physics of Plasmas, 2017, 24, 052107.	1.9	4
6	Screens versus microarrays for ruggedized retarding potential analyzers. Review of Scientific Instruments, 2015, 86, 093302.	1.3	4
7	Dielectric barrier discharge-based plasma actuator operation in artificial atmospheres for validation of modeling and simulation. Physics of Plasmas, 2015, 22, .	1.9	3
8	Effects of neutral interactions on velocity-shear-driven plasma waves. Physics of Plasmas, 2014, 21, .	1.9	3
9	Effects of Oxygen Content on Dielectric Behavior Barrier Discharge Plasma Actuator Behavior. AIAA Journal, 2011, 49, 1366-1373.	2.6	30
10	Plasma Volumetric Effects on the Force Production of a Plasma Actuator. AIAA Journal, 2010, 48, 1869-1874.	2.6	49
11	Time-correlated force production measurements of the dielectric barrier discharge plasma aerodynamic actuator. Journal of Applied Physics, 2008, 103, .	2.5	111
12	Bootstrap Surface Charging at GEO: Modeling and On-Orbit Observations From the DSCS-III B7 Satellite. IEEE Transactions on Nuclear Science, 2007, 54, 1997-2003.	2.0	12
13	Parameterization of Temporal Structure in the Single-Dielectric-Barrier Aerodynamic Plasma Actuator. AIAA Journal, 2006, 44, 1127-1136.	2.6	114
14	Mechanisms and Responses of a Single Dielectric Barrier Plasma Actuator: Plasma Morphology. AIAA Journal, 2004, 42, 589-594.	2.6	521
15	Miniaturized electrostatic analyzer manufactured using photolithographic etching. Review of Scientific Instruments, 2003, 74, 1192-1195.	1.3	27
16	Novel bandpass electrostatic analyzer. Review of Scientific Instruments, 1997, 68, 2023-2026.	1.3	2
17	Compact thermal ion detector for space and laboratory applications. Review of Scientific Instruments, 1995, 66, 4174-4179.	1.3	11
18	High-resolution retarding potential analyzer. Review of Scientific Instruments, 1994, 65, 507-508.	1.3	40