

# 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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docs citations

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times ranked

455  
citing authors

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