

# Andrew J Steffl

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

1,081  
citations

687363

13  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1213  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Analysis of Hybrid Gasâ€“Dust Outbursts Observed at 67P/Churyumovâ€“Gerasimenko. <i>Astronomical Journal</i> , 2021, 162, 4.  | 4.7  | 2         |
| 2  | Spatial Distribution of Ultraviolet Emission from Cometary Activity at 67P/Churyumov-Gerasimenko. <i>Astronomical Journal</i> , 2021, 162, 5.   | 4.7  | 0         |
| 3  | New Horizons Detection of the Local Galactic Lyman-Î± Background. <i>Astronomical Journal</i> , 2021, 162, 241.   | 4.7  | 7         |
| 4  | New Horizons Observations of an Ultraviolet Stellar Occultation and Appulse by Plutoâ€™s Atmosphere. <i>Astronomical Journal</i> , 2020, 159, 26.   | 4.7  | 3         |
| 5  | Pluto's Ultraviolet Spectrum, Surface Reflectance, and Airglow Emissions. <i>Astronomical Journal</i> , 2020, 159, 274.   | 4.7  | 12        |
| 6  | Influence of Solar Disturbances on Galactic Cosmic Rays in the Solar Wind, Heliosheath, and Local Interstellar Medium: Advanced Composition Explorer, New Horizons, and Voyager Observations. <i>Astrophysical Journal</i> , 2020, 905, 69. | 4.5  | 15        |
| 7  | The Search for MeV Electrons 2â€“45 au from the Sun with the Alice Instrument Microchannel Plate Detector Aboard New Horizons. <i>Research Notes of the AAS</i> , 2020, 4, 61.  | 0.7  | 0         |
| 8  | A New Facility for Airborne Solar Astronomy: NASAâ€™s WB-57 at the 2017 Total Solar Eclipse. <i>Astrophysical Journal</i> , 2020, 895, 131.   | 4.5  | 1         |
| 9  | Suprathermal Ions in the Outer Heliosphere. <i>Astrophysical Journal</i> , 2019, 876, 46.   | 4.5  | 15        |
| 10 | Initial results from the New Horizons exploration of 2014 MU <sub>69</sub> , a small Kuiper Belt object. <i>Science</i> , 2019, 364, .  | 12.6 | 113       |
| 11 | Stellar Occultation by Comet 67P/Churyumovâ€“Gerasimenko Observed with Rosetta's Alice Far-ultraviolet Spectrograph. <i>Astronomical Journal</i> , 2019, 157, 173.  | 4.7  | 5         |
| 12 | Azimuthal Variation in the Io Plasma Torus Observed by the Hisaki Satellite From 2013 to 2016. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 3236-3254.  | 2.4  | 13        |
| 13 | Upper Limits for Emissions in the Coma of Comet 67P/Churyumovâ€“Gerasimenko near Perihelion as Measured by Rosettaâ€™s Alice Far-UV Spectrograph. <i>Astronomical Journal</i> , 2019, 158, 252.   | 4.7  | 1         |
| 14 | Structure and composition of Pluto's atmosphere from the New Horizons solar ultraviolet occultation. <i>Icarus</i> , 2018, 300, 174-199.  | 2.5  | 90        |
| 15 | The Lyman-Î± Sky Background as Observed by New Horizons. <i>Geophysical Research Letters</i> , 2018, 45, 8022-8028.   | 4.0  | 19        |
| 16 | The Pluto system: Initial results from its exploration by New Horizons. <i>Science</i> , 2015, 350, aad1815.  | 12.6 | 407       |
| 17 | Longitudinal modulation of hot electrons in the Io plasma torus. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.   | 3.3  | 27        |
| 18 | Cassini UVIS observations of the Io plasma torus. Observations of temporal and azimuthal variability. <i>Icarus</i> , 2006, 180, 124-140.   | 2.5  | 59        |

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|----|--|-----|-----------|
| 19 | Radial variations in the Io plasma torus during the Cassini era. Journal of Geophysical Research, 2005, 110, .                           | 3.3 | 75        |
| 20 | Cassini UVIS observations of the Io plasma torus.I. Initial results. Icarus, 2004, 172, 78-90.   | 2.5 | 84        |
| 21 | Cassini UVIS observations of the Io plasma torus.II. Radial variations. Icarus, 2004, 172, 91-103.                                       | 2.5 | 80        |
| 22 | Modeling temporal variability of plasma conditions in the Io torus during the Cassini era. Journal of Geophysical Research, 2004, 109, . | 3.3 | 53        |