

Andrew J Steffl

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4961296/publications.pdf>

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	The Pluto system: Initial results from its exploration by New Horizons. <i>Science</i> , 2015, 350, aad1815.	12.6	407
2	Initial results from the New Horizons exploration of 2014 MU ₆₉ , a small Kuiper Belt object. <i>Science</i> , 2019, 364, .	12.6	113
3	Structure and composition of Pluto's atmosphere from the New Horizons solar ultraviolet occultation. <i>Icarus</i> , 2018, 300, 174-199.	2.5	90
4	Cassini UVIS observations of the Io plasma torus.I. Initial results. <i>Icarus</i> , 2004, 172, 78-90.	2.5	84
5	Cassini UVIS observations of the Io plasma torus.II. Radial variations. <i>Icarus</i> , 2004, 172, 91-103.	2.5	80
6	Radial variations in the Io plasma torus during the Cassini era. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	75
7	Cassini UVIS observations of the Io plasma torus.III. Observations of temporal and azimuthal variability. <i>Icarus</i> , 2006, 180, 124-140.	2.5	59
8	Modeling temporal variability of plasma conditions in the Io torus during the Cassini era. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	53
9	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
10	The Lyman- α Sky Background as Observed by New Horizons. <i>Geophysical Research Letters</i> , 2018, 45, 8022-8028.	4.0	19
11	Suprathermal Ions in the Outer Heliosphere. <i>Astrophysical Journal</i> , 2019, 876, 46.	4.5	15
12	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
13	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
14	Pluto's Ultraviolet Spectrum, Surface Reflectance, and Airglow Emissions. <i>Astronomical Journal</i> , 2020, 159, 274.	4.7	12
15	New Horizons Detection of the Local Galactic Lyman- α Background. <i>Astronomical Journal</i> , 2021, 162, 241.	4.7	7
16	Stellar Occultation by Comet 67P/Churyumov-Gerasimenko Observed with Rosetta's Alice Far-ultraviolet Spectrograph. <i>Astronomical Journal</i> , 2019, 157, 173.	4.7	5
17	New Horizons Observations of an Ultraviolet Stellar Occultation and Appulse by Pluto's Atmosphere. <i>Astronomical Journal</i> , 2020, 159, 26.	4.7	3
18	Analysis of Hybrid Gas-Dust Outbursts Observed at 67P/Churyumov-Gerasimenko. <i>Astronomical Journal</i> , 2021, 162, 4.	4.7	2

#	ARTICLE	IF	CITATIONS
19	Upper Limits for Emissions in the Coma of Comet 67P/Churyumov-Gerasimenko near Perihelion as Measured by Rosetta's Alice Far-UV Spectrograph. <i>Astronomical Journal</i> , 2019, 158, 252.	4.7	1
20	A New Facility for Airborne Solar Astronomy: NASA's WB-57 at the 2017 Total Solar Eclipse. <i>Astrophysical Journal</i> , 2020, 895, 131.	4.5	1
21	Spatial Distribution of Ultraviolet Emission from Cometary Activity at 67P/Churyumov-Gerasimenko. <i>Astronomical Journal</i> , 2021, 162, 5.	4.7	0
22	The Search for MeV Electrons 2-45 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