

# Mats Holmstrom

## List of Publications by Year in descending order

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131  
papers

5,449  
citations

66343

42  
h-index

95266

68  
g-index

154  
all docs

154  
docs citations

154  
times ranked

2533  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | The Analyzer of Space Plasmas and Energetic Atoms (ASPERA-3) for the Mars Express Mission. Space Science Reviews, 2007, 126, 113-164.  | 8.1  | 241       |
| 2  | The Analyser of Space Plasmas and Energetic Atoms (ASPERA-4) for the Venus Express mission. Planetary and Space Science, 2007, 55, 1772-1792.  | 1.7  | 214       |
| 3  | Solar Wind-Induced Atmospheric Erosion at Mars: First Results from ASPERA-3 on Mars Express. Science, 2004, 305, 1933-1936.  | 12.6 | 204       |
| 4  | The loss of ions from Venus through the plasma wake. Nature, 2007, 450, 650-653.   | 27.8 | 168       |
| 5  | Energetic neutral atoms as the explanation for the high-velocity hydrogen around HD 209458b. Nature, 2008, 451, 970-972.   | 27.8 | 167       |
| 6  | Extremely high reflection of solar wind protons as neutral hydrogen atoms from regolith in space. Planetary and Space Science, 2009, 57, 2132-2134.  | 1.7  | 130       |
| 7  | Strong influence of lunar crustal fields on the solar wind flow. Geophysical Research Letters, 2011, 38, n/a-n/a.  | 4.0  | 125       |
| 8  | Magnetic moment and plasma environment of HD 209458b as determined from Ly $\alpha$ observations. Science, 2014, 346, 981-984.   | 12.6 | 119       |
| 9  | First observation of a mini-magnetosphere above a lunar magnetic anomaly using energetic neutral atoms. Geophysical Research Letters, 2010, 37, .  | 4.0  | 114       |
| 10 | Heavy ion escape from Mars, influence from solar wind conditions and crustal magnetic fields. Icarus, 2011, 215, 475-484.  | 2.5  | 114       |
| 11 | Plasma Acceleration Above Martian Magnetic Anomalies. Science, 2006, 311, 980-983.   | 12.6 | 111       |
| 12 | A comparison of global models for the solar wind interaction with Mars. Icarus, 2010, 206, 139-151.  | 2.5  | 108       |
| 13 | Carbon dioxide photoelectron energy peaks at Mars. Icarus, 2006, 182, 371-382.   | 2.5  | 105       |
| 14 | Mass composition of the escaping plasma at Mars. Icarus, 2006, 182, 320-328.   | 2.5  | 103       |
| 15 | Mars Express and Venus Express multi-point observations of geoeffective solar flare events in December 2006. Planetary and Space Science, 2008, 56, 873-880.   | 1.7  | 102       |
| 16 | A comet-like escape of ionospheric plasma from Mars. Geophysical Research Letters, 2008, 35, .   | 4.0  | 94        |
| 17 | Interplanetary coronal mass ejection observed at STEREO-A, Mars, comet 67P/Churyumov-Gerasimenko, Saturn, and New Horizons en route to Pluto: Comparison of its Forbush decreases at 1.4, 3.1, and 9.9 AU. Journal of Geophysical Research: Space Physics, 2017, 122, 7865-7890. | 2.4  | 87        |
| 18 | The Martian atmospheric ion escape rate dependence on solar wind and solar EUV conditions: 1. Seven years of Mars Express observations. Journal of Geophysical Research E: Planets, 2015, 120, 1298-1309.  | 3.6  | 84        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Structure of the martian wake. <i>Icarus</i> , 2006, 182, 329-336.  | 2.5 | 81        |
| 20 | Locations of Atmospheric Photoelectron Energy Peaks Within the Mars Environment. <i>Space Science Reviews</i> , 2007, 126, 389-402.   | 8.1 | 81        |
| 21 | The interaction between the Moon and the solar wind. <i>Earth, Planets and Space</i> , 2012, 64, 237-245.   | 2.5 | 80        |
| 22 | Solar forcing and planetary ion escape from Mars. <i>Geophysical Research Letters</i> , 2008, 35, .   | 4.0 | 77        |
| 23 | Observations and Impacts of the 10 September 2017 Solar Events at Mars: An Overview and Synthesis of the Initial Results. <i>Geophysical Research Letters</i> , 2018, 45, 8871-8885.          | 4.0 | 77        |
| 24 | Observations of aurorae by SPICAM ultraviolet spectrograph on board Mars Express: Simultaneous ASPERA-3 and MARSIS measurements. <i>Journal of Geophysical Research</i> , 2008, 113, .        | 3.3 | 70        |
| 25 | Stellar wind interaction and pick-up ion escape of the Kepler-11 "super-Earths". <i>Astronomy and Astrophysics</i> , 2014, 562, A116.   | 5.1 | 63        |
| 26 | Modeling the Evolution and Propagation of 10 September 2017 CMEs and SEPs Arriving at Mars Constrained by Remote Sensing and In Situ Measurement. <i>Space Weather</i> , 2018, 16, 1156-1169. | 3.7 | 61        |
| 27 | Solar cycle effects on the ion escape from Mars. <i>Geophysical Research Letters</i> , 2013, 40, 6028-6032.   | 4.0 | 58        |
| 28 | Seasonal variation of Martian pick-up ions: Evidence of breathing exosphere. <i>Planetary and Space Science</i> , 2015, 119, 54-61.   | 1.7 | 56        |
| 29 | Mars Express investigations of Phobos and Deimos. <i>Planetary and Space Science</i> , 2014, 102, 18-34.  | 1.7 | 54        |
| 30 | Energetic neutral atoms at Mars 1. Imaging of solar wind protons. <i>Journal of Geophysical Research</i> , 2002, 107, SSH 4-1.  | 3.3 | 53        |
| 31 | Empirical energy spectra of neutralized solar wind protons from the lunar regolith. <i>Journal of Geophysical Research</i> , 2012, 117, .   | 3.3 | 53        |
| 32 | XUV-Exposed, Non-Hydrostatic Hydrogen-Rich Upper Atmospheres of Terrestrial Planets. Part II: Hydrogen Coronae and Ion Escape. <i>Astrobiology</i> , 2013, 13, 1030-1048.                     | 3.0 | 53        |
| 33 | Atmospheric origin of cold ion escape from Mars. <i>Geophysical Research Letters</i> , 2009, 36, .  | 4.0 | 49        |
| 34 | Dynamics of solar wind protons reflected by the Moon. <i>Journal of Geophysical Research</i> , 2010, 115, .   | 3.3 | 48        |
| 35 | Ion distributions in the vicinity of Mars: Signatures of heating and acceleration processes. <i>Earth, Planets and Space</i> , 2012, 64, 135-148.   | 2.5 | 47        |
| 36 | Energetic neutral atom imaging of the lunar surface. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 3937-3945.  | 2.4 | 47        |

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|----|---|-----|-----------|
| 37 | Imaging Plasma Density Structures in the Soft X-Rays Generated by Solar Wind Charge Exchange with Neutrals. Space Science Reviews, 2018, 214, 1.                            | 8.1 | 47        |
| 38 | Energetic neutral atoms at Mars 4. Imaging of planetary oxygen. Journal of Geophysical Research, 2002, 107, SSH 7-1.  | 3.3 | 46        |
| 39 | The lunar wake current systems. Geophysical Research Letters, 2013, 40, 17-21.  | 4.0 | 46        |
| 40 | Energetic neutral atom observations of magnetic anomalies on the lunar surface. Journal of Geophysical Research, 2012, 117, .   | 3.3 | 44        |
| 41 | Annual variations in the Martian bow shock location as observed by the Mars Express mission. Journal of Geophysical Research: Space Physics, 2016, 121, 11,474.             | 2.4 | 44        |
| 42 | X-ray imaging of the solar wind-Mars interaction. Geophysical Research Letters, 2001, 28, 1287-1290.  | 4.0 | 43        |
| 43 | Global Mars'solar wind coupling and ion escape. Journal of Geophysical Research: Space Physics, 2017, 122, 8051-8062.   | 2.4 | 43        |
| 44 | The Hydrogen Exospheric Density Profile Measured with ASPERA-3/NPD. Space Science Reviews, 2007, 126, 447-467.  | 8.1 | 42        |
| 45 | Protons in the near-lunar wake observed by the Sub-keV Atom Reflection Analyzer on board Chandrayaan-1. Journal of Geophysical Research, 2010, 115, .                       | 3.3 | 42        |
| 46 | On the formation of Ganymede's surface brightness asymmetries: Kinetic simulations of Ganymede's magnetosphere. Geophysical Research Letters, 2016, 43, 4745-4754.          | 4.0 | 38        |
| 47 | Mass-loading of the solar wind at 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 596, A42.  | 5.1 | 38        |
| 48 | A new view on the solar wind interaction with the Moon. Geoscience Letters, 2015, 2, .  | 3.3 | 37        |
| 49 | Effects of protons reflected by lunar crustal magnetic fields on the global lunar plasma environment. Journal of Geophysical Research: Space Physics, 2014, 119, 6095-6105. | 2.4 | 36        |
| 50 | Low energy neutral atom imaging on the Moon with the SARA instrument aboard Chandrayaan-1 mission. Journal of Earth System Science, 2005, 114, 749-760.                     | 1.3 | 35        |
| 51 | Proton and hydrogen atom transport in the Martian upper atmosphere with an induced magnetic field. Journal of Geophysical Research, 2011, 116, n/a-n/a.                     | 3.3 | 35        |
| 52 | Mars' Ionopause: A Matter of Pressures. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028145.   | 2.4 | 35        |
| 53 | ARTEMIS observations of extreme diamagnetic fields in the lunar wake. Geophysical Research Letters, 2014, 41, 3766-3773.  | 4.0 | 34        |
| 54 | Effects of the crustal magnetic fields on the Martian atmospheric ion escape rate. Geophysical Research Letters, 2016, 43, 10,574.  | 4.0 | 34        |

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|----|--|-----|-----------|
| 55 | Low energy neutral atoms imaging of the Moon. <i>Planetary and Space Science</i> , 2006, 54, 132-143.  | 1.7 | 33        |
| 56 | Solar wind and EUV dependent models for the shapes of the Martian plasma boundaries based on Mars Express measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 7279-7290.                        | 2.4 | 33        |
| 57 | Solar wind interaction with the Reiner Gamma crustal magnetic anomaly: Connecting source magnetization to surface weathering. <i>Icarus</i> , 2016, 266, 261-266.  | 2.5 | 32        |
| 58 | Pre-flight Calibration and Near-Earth Commissioning Results of the Mercury Plasma Particle Experiment (MPPE) Onboard MMO (Mio). <i>Space Science Reviews</i> , 2021, 217, 1.   | 8.1 | 32        |
| 59 | Solar XUV and ENA driven water loss from early Venus' steam atmosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 4718-4732.  | 2.4 | 31        |
| 60 | Tailward flow of energetic neutral atoms observed at Mars. <i>Journal of Geophysical Research</i> , 2008, 113, .   | 3.3 | 30        |
| 61 | Scattering function for energetic neutral hydrogen atoms off the lunar surface. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.   | 4.0 | 30        |
| 62 | First direct observation of sputtered lunar oxygen. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 709-722.  | 2.4 | 29        |
| 63 | Solar wind plasma interaction with Gerasimovich lunar magnetic anomaly. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 4719-4735.  | 2.4 | 29        |
| 64 | Ion Escape From Mars Through Time: An Extrapolation of Atmospheric Loss Based on 10 Years of Mars Express Measurements. <i>Journal of Geophysical Research E: Planets</i> , 2018, 123, 3051-3060.                            | 3.6 | 29        |
| 65 | Auroral Plasma Acceleration Above Martian Magnetic Anomalies. <i>Space Science Reviews</i> , 2007, 126, 333-354.   | 8.1 | 28        |
| 66 | A case study of proton precipitation at Mars: Mars Express observations and hybrid simulations. <i>Journal of Geophysical Research</i> , 2012, 117, .  | 3.3 | 28        |
| 67 | X rays from solar wind charge exchange at Mars: A comparison of simulations and observations. <i>Geophysical Research Letters</i> , 2004, 31, .  | 4.0 | 27        |
| 68 | SERENA: Particle Instrument Suite for Determining the Sun-Mercury Interaction from BepiColombo. <i>Space Science Reviews</i> , 2021, 217, 11.  | 8.1 | 26        |
| 69 | Energetic Hydrogen and Oxygen Atoms Observed on the Nightside of Mars. <i>Space Science Reviews</i> , 2007, 126, 267-297.  | 8.1 | 24        |
| 70 | UV transit observations of EUV-heated expanded thermospheres of Earth-like exoplanets around M-stars: testing atmosphere evolution scenarios. <i>Astrophysics and Space Science</i> , 2011, 335, 39-50.                      | 1.4 | 24        |
| 71 | On lunar exospheric column densities and solar wind access beyond the terminator from ROSAT soft X-ray observations of solar wind charge exchange. <i>Journal of Geophysical Research E: Planets</i> , 2014, 119, 1459-1478. | 3.6 | 24        |
| 72 | A modelling approach to infer the solar wind dynamic pressure from magnetic field observations inside Mercury's magnetosphere. <i>Astronomy and Astrophysics</i> , 2018, 614, A132.  | 5.1 | 24        |

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|----|---|-----|-----------|
| 73 | The Martian Bow Shock Over Solar Cycle 23–24 as Observed by the Mars Express Mission. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 4761-4772.   | 2.4 | 24        |
| 74 | Mars plasma system response to solar wind disturbances during solar minimum. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 6611-6634.  | 2.4 | 24        |
| 75 | The effects of lunar surface plasma absorption and solar wind temperature anisotropies on the solar wind proton velocity space distributions in the low-altitude lunar plasma wake. <i>Journal of Geophysical Research</i> , 2012, 117, . | 3.3 | 23        |
| 76 | Callisto plasma interactions: Hybrid modeling including induction by a subsurface ocean. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 4877-4889.  | 2.4 | 23        |
| 77 | Solar wind dynamics around a comet. <i>Astronomy and Astrophysics</i> , 2018, 620, A35.   | 5.1 | 23        |
| 78 | Comparison of accelerated ion populations observed upstream of the bow shocks at Venus and Mars. <i>Annales Geophysicae</i> , 2011, 29, 511-528.  | 1.6 | 22        |
| 79 | Solar wind plasma protrusion into the martian magnetosphere: ASPERA-3 observations. <i>Icarus</i> , 2006, 182, 343-349.   | 2.5 | 21        |
| 80 | IMF Direction Derived from Cycloid-Like Ion Distributions Observed by Mars Express. <i>Space Science Reviews</i> , 2007, 126, 239-266.  | 8.1 | 21        |
| 81 | Mars Under Primordial Solar Wind Conditions: Mars Express Observations of the Strongest CME Detected at Mars Under Solar Cycle #24 and its Impact on Atmospheric Ion Escape. <i>Geophysical Research Letters</i> , 2017, 44, 10,805.      | 4.0 | 21        |
| 82 | Oxygen Ion Energization at Mars: Comparison of MAVEN and Mars Express Observations to Global Hybrid Simulation. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 1678-1689.   | 2.4 | 21        |
| 83 | Tailward flow of energetic neutral atoms observed at Venus. <i>Journal of Geophysical Research</i> , 2008, 113, .   | 3.3 | 20        |
| 84 | Backscattered solar wind protons by Phobos. <i>Journal of Geophysical Research</i> , 2010, 115, .   | 3.3 | 19        |
| 85 | Hydrogen ENA-cloud observation and modeling as a tool to study star-exoplanet interaction. <i>Astrophysics and Space Science</i> , 2011, 335, 9-23.   | 1.4 | 19        |
| 86 | Responses of the Martian Magnetosphere to an Interplanetary Coronal Mass Ejection: MAVEN Observations and LatHyS Results. <i>Geophysical Research Letters</i> , 2018, 45, 7891-7900.  | 4.0 | 19        |
| 87 | MAVEN Observations of Periodic Low-altitude Plasma Clouds at Mars. <i>Astrophysical Journal Letters</i> , 2021, 922, L33.   | 8.3 | 19        |
| 88 | Proton entry into the near-lunar plasma wake for magnetic field aligned flow. <i>Geophysical Research Letters</i> , 2013, 40, 2913-2917.  | 4.0 | 18        |
| 89 | Transit Lyman- $\alpha$ signatures of terrestrial planets in the habitable zones of M dwarfs. <i>Astronomy and Astrophysics</i> , 2019, 623, A131.  | 5.1 | 18        |
| 90 | CME Magnetic Structure and IMF Preconditioning Affecting SEP Transport. <i>Space Weather</i> , 2021, 19, e2020SW002654.   | 3.7 | 18        |

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|-----|--|-----|-----------|
| 91  | The extension of ionospheric holes into the tail of Venus. Journal of Geophysical Research: Space Physics, 2014, 119, 6940-6953.   | 2.4 | 17        |
| 92  | Alfvén wings in the lunar wake: The role of pressure gradients. Journal of Geophysical Research: Space Physics, 2016, 121, 10,698.   | 2.4 | 17        |
| 93  | Simulations of solar wind charge exchange X-ray emissions at Venus. Geophysical Research Letters, 2007, 34, .  | 4.0 | 16        |
| 94  | A large-scale flow vortex in the Venus plasma tail and its fluid dynamic interpretation. Geophysical Research Letters, 2013, 40, 1273-1278.                                    | 4.0 | 16        |
| 95  | CMEs and SEPs During November–December 2020: A Challenge for Real-time Space Weather Forecasting. Space Weather, 2022, 20, .   | 3.7 | 16        |
| 96  | The September 2017 SEP Event in Context With the Current Solar Cycle: Mars Express ASPERA-3/IMA and MAVEN/SEP Observations. Geophysical Research Letters, 2018, 45, 7306-7311. | 4.0 | 14        |
| 97  | Asymmetries in Mars' Exosphere. Space Science Reviews, 2007, 126, 435-445.   | 8.1 | 13        |
| 98  | Hybrid Modeling of Plasmas. , 2010, , 451-458.   |     | 13        |
| 99  | Characteristics of proton velocity distribution functions in the near-lunar wake from Chandrayaan-1/SWIM observations. Icarus, 2016, 271, 120-130.                             | 2.5 | 13        |
| 100 | Solar cycle variation of ion escape from Mars. Icarus, 2023, 393, 114610.  | 2.5 | 13        |
| 101 | Mars as a comet: Solar wind interaction on a large scale. Planetary and Space Science, 2015, 119, 43-47.   | 1.7 | 12        |
| 102 | Three-Dimensional Modeling of Callisto's Surface Sputtered Exosphere Environment. Journal of Geophysical Research: Space Physics, 2019, 124, 7157-7169.                        | 2.4 | 12        |
| 103 | Energisation of O+ and O+ 2 Ions at Mars: An Analysis of a 3-D Quasi-Neutral Hybrid Model Simulation. Space Science Reviews, 2007, 126, 39-62.                                 | 8.1 | 11        |
| 104 | Lunar dayside current in the terrestrial lobe: ARTEMIS observations. Journal of Geophysical Research: Space Physics, 2014, 119, 3381-3391.                                     | 2.4 | 10        |
| 105 | Plasma observations during the Mars atmospheric "plume" event of March–April 2012. Journal of Geophysical Research: Space Physics, 2016, 121, 3139-3154.                       | 2.4 | 10        |
| 106 | Evolution of the Earth's Polar Outflow From Mid-Archean to Present. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA027837.                                  | 2.4 | 10        |
| 107 | Venusian bow shock as seen by the ASPERA-4 ion instrument on Venus Express. Journal of Geophysical Research, 2010, 115, .  | 3.3 | 9         |
| 108 | On the confinement of lunar induced magnetic fields. Geophysical Research Letters, 2015, 42, 6931-6938.  | 4.0 | 9         |

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|-----|---|------|-----------|
| 109 | Ceres interaction with the solar wind. <i>Geophysical Research Letters</i> , 2017, 44, 2070-2077.   | 4.0  | 9         |
| 110 | Triton's Variable Interaction With Neptune's Magnetospheric Plasma. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029740.   | 2.4  | 9         |
| 111 | The role of plasma slowdown in the generation of Rhea's Alfvén wings. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1778-1788.   | 2.4  | 8         |
| 112 | An Eastward Current Encircling Mercury. <i>Geophysical Research Letters</i> , 2022, 49, .   | 4.0  | 8         |
| 113 | STELLAR WIND INDUCED SOFT X-RAY EMISSION FROM CLOSE-IN EXOPLANETS. <i>Astrophysical Journal Letters</i> , 2015, 799, L15.   | 8.3  | 7         |
| 114 | First Observation of Transport of Solar Wind Protons Scattered From Magnetic Anomalies Into the Near Lunar Wake: Observations by SARA/Chandrayaan-1. <i>Geophysical Research Letters</i> , 2018, 45, 8826-8833. | 4.0  | 6         |
| 115 | Variability of Precipitating Ion Fluxes During the September 2017 Event at Mars. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 420-432.  | 2.4  | 6         |
| 116 | Ions Accelerated by Souder's Plasma Interaction as Observed by Mars Express. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 9802-9814.  | 2.4  | 5         |
| 117 | INTERACTION OF SOLAR WIND WITH MOON: AN OVERVIEW ON THE RESULTS FROM THE SARA EXPERIMENT ABOARD CHANDRAYAAN-1. , 2012, , 35-55.   |      | 4         |
| 118 | Solar wind-driven thermospheric winds over the Venus North Polar region. <i>Geophysical Research Letters</i> , 2014, 41, 4413-4419.   | 4.0  | 4         |
| 119 | OBSERVATIONS IN THE SHADOW OF MARS BY THE NEUTRAL PARTICLE IMAGER. , 2006, , 119-134.   |      | 4         |
| 120 | Does Phobos reflect solar wind protons? Mars Express special flyby operations with and without the presence of Phobos. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2021JE006969.            | 3.6  | 4         |
| 121 | Holmström et al. reply. <i>Nature</i> , 2008, 456, E1-E2.   | 27.8 | 3         |
| 122 | Energetic neutral atom imaging of comets. <i>Geophysical Research Letters</i> , 2008, 35, .   | 4.0  | 3         |
| 123 | Exoplanet Upper Atmosphere Environment Characterization. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 525-532.   | 0.0  | 3         |
| 124 | New suprathermal proton population around the Moon: Observation by SARA on Chandrayaan-1. <i>Geophysical Research Letters</i> , 2017, 44, 4540-4548.  | 4.0  | 2         |
| 125 | Active Experiments Beyond the Earth: Plasma Effects of Sounding Radar Operations in the Ionospheres of Venus, Mars, and the Jovian System. <i>Frontiers in Astronomy and Space Sciences</i> , 2019, 6, .        | 2.8  | 2         |
| 126 | The Analyzer of Space Plasmas and Energetic Atoms (ASPERA-3) for the Mars Express Mission. , 2007, , 113-164.   |      | 2         |



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|-----|--|-----|-----------|
| 127 | Estimating ion escape from unmagnetized planets. <i>Annales Geophysicae</i> , 2022, 40, 83-89.   | 1.6 | 2         |
| 128 | &lt;i&gt;Menura&lt;/i&gt;: a code for simulating the interaction between a turbulent solar wind and solar system bodies. <i>Annales Geophysicae</i> , 2022, 40, 281-297.                       | 1.6 | 2         |
| 129 | Observations of Sounder Accelerated Electrons by Mars Express. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027206.   | 2.4 | 1         |
| 130 | The role of intrinsic magnetic fields in planetary evolution and habitability: the planetary protection aspect. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 283-294. | 0.0 | 0         |
| 131 | The Largest Electron Differential Energy Flux Observed at Mars by the Mars Express Spacecraft, 2004-2016. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 6576-6590.        | 2.4 | 0         |