

# Hassan Akbari

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5752711/publications.pdf>

Version: 2024-02-01

20  
papers

192  
citations

1162889

8  
h-index

1058333

14  
g-index

20  
all docs

20  
docs citations

20  
times ranked

322  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Resonant Alfvén Waves in the Lower Auroral Ionosphere: Evidence for the Nonlinear Evolution of the Ionospheric Feedback Instability. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, . | 0.8 | 3         |
| 2  | Microscale Plasma Instabilities in the Interaction Region of the Solar Wind and the Martian Upper Atmosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .                        | 0.8 | 2         |
| 3  | A Statistical Study of Auroral Medium Frequency Bursts and Anomalous Incoherent Scatter Radar Echoes. <i>Radio Science</i> , 2022, 57, .  | 0.8 | 1         |
| 4  | Langmuir Turbulence in the Auroral Ionosphere: Origins and Effects. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 7, .   | 1.1 | 8         |
| 5  | Spectral Analysis of Accelerated Electron Populations at Mars. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 8056-8065.  | 0.8 | 9         |
| 6  | In Situ Electron Density From Active Sounding: The Influence of the Spacecraft Wake. <i>Geophysical Research Letters</i> , 2019, 46, 10250-10256.   | 1.5 | 0         |
| 7  | Ambipolar Electric Field in the Martian Ionosphere: MAVEN Measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 4518-4524.   | 0.8 | 18        |
| 8  | Collisionless Electron Dynamics in the Magnetosheath of Mars. <i>Geophysical Research Letters</i> , 2019, 46, 11679-11688.  | 1.5 | 10        |
| 9  | Identifying STEVE's Magnetospheric Driver Using Conjugate Observations in the Magnetosphere and on the Ground. <i>Geophysical Research Letters</i> , 2019, 46, 12665-12674.                               | 1.5 | 35        |
| 10 | Incoherent Scatter Spectra Based On Monte Carlo Simulations of Ion Velocity Distributions Under Strong Ion Frictional Heating. <i>Radio Science</i> , 2018, 53, 269-287.                                  | 0.8 | 5         |
| 11 | Incoherent Scatter Plasma Lines: Observations and Applications. <i>Space Science Reviews</i> , 2017, 212, 249-294.  | 3.7 | 19        |
| 12 | GPS Signal Corruption by the Discrete Aurora: Precise Measurements From the Mahali Experiment. <i>Geophysical Research Letters</i> , 2017, 44, 9539-9546.   | 1.5 | 18        |
| 13 | Monte-Carlo simulations of ion velocity distributions and resulting incoherent radar spectra under strong ion frictional heating conditions. , 2017, , .  |     | 0         |
| 14 | Extreme plasma convection and frictional heating of the ionosphere: ISR observations. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 7581-7598.                                       | 0.8 | 7         |
| 15 | Zakharov simulations of beam-induced turbulence in the auroral ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 4811-4825.  | 0.8 | 6         |
| 16 | Reconstruction of Fine-Scale Auroral Dynamics. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016, 54, 2780-2791.   | 2.7 | 4         |
| 17 | Evidence for generation of unstable suprathermal electron population in the auroral $F$ region. <i>Geophysical Research Letters</i> , 2015, 42, 185-192.  | 1.5 | 5         |
| 18 | Aspect angle dependence of naturally enhanced ion acoustic lines. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 5909-5917.   | 0.8 | 4         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Localization of auroral Langmuir turbulence in thin layers. Journal of Geophysical Research: Space Physics, 2013, 118, 3576-3583.  | 0.8 | 16        |
| 20 | Anomalous ISR echoes preceding auroral breakup: Evidence for strong Langmuir turbulence. Geophysical Research Letters, 2012, 39, . | 1.5 | 22        |