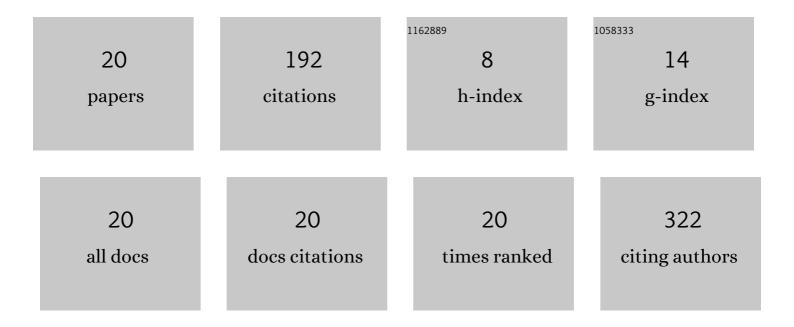
Hassan Akbari

List of Publications by Year in descending order

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