Yuni Lee

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7402621/publications.pdf

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23	1,093	471509	642732
papers	citations	17 h-index	23 g-index

23	23	23	955
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of the 2018 Martian Global Dust Storm on the Main Species in the Upper Ionosphere: Observations and Simulations. Journal of Geophysical Research E: Planets, 2022, 127, .	3.6	6
2	Application of the Monte Carlo Method in Modeling Dusty Gas, Dust in Plasma, and Energetic Ions in Planetary, Magnetospheric, and Heliospheric Environments. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028242.	2.4	17
3	Exosphere Modeling of Proxima b: A Case Study of Photochemical Escape with a Venus-like Atmosphere. Astrophysical Journal, 2021, 923, 190.	4.5	2
4	Mars Dust Storm Effects in the Ionosphere and Magnetosphere and Implications for Atmospheric Carbon Loss. Journal of Geophysical Research: Space Physics, 2020, 125, no.	2.4	23
5	Effects of Global and Regional Dust Storms on the Martian Hot O Corona and Photochemical Loss. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027115.	2.4	15
6	Seasonal, Solar Zenith Angle, and Solar Flux Variations of O⁺ in the Topside Ionosphere of Mars. Journal of Geophysical Research: Space Physics, 2019, 124, 3125-3138.	2.4	19
7	MAVEN/NGIMS Thermospheric Neutral Wind Observations: Interpretation Using the Mâ€GITM General Circulation Model. Journal of Geophysical Research E: Planets, 2019, 124, 3283-3303.	3.6	20
8	Global circulation of Marsâ€™ upper atmosphere. Science, 2019, 366, 1363-1366.	12.6	20
9	Solar Wind Interaction With the Martian Upper Atmosphere: Roles of the Cold Thermosphere and Hot Oxygen Corona. Journal of Geophysical Research: Space Physics, 2018, 123, 6639-6654.	2.4	14
10	Modeling Martian Atmospheric Losses over Time: Implications for Exoplanetary Climate Evolution and Habitability. Astrophysical Journal Letters, 2018, 859, L14.	8.3	51
11	Loss of the Martian atmosphere to space: Present-day loss rates determined from MAVEN observations and integrated loss through time. Icarus, 2018, 315, 146-157.	2.5	216
12	MAVEN Observations of the Response of Martian Ionosphere to the Interplanetary Coronal Mass Ejections of March 2015. Journal of Geophysical Research: Space Physics, 2018, 123, 6917-6929.	2.4	15
13	Effects of a Solar Flare on the Martian Hot O Corona and Photochemical Escape. Geophysical Research Letters, 2018, 45, 6814-6822.	4.0	19
14	Photochemical escape of oxygen from Mars: First results from MAVEN in situ data. Journal of Geophysical Research: Space Physics, 2017, 122, 3815-3836.	2.4	106
15	Hot oxygen escape from Mars: Simple scaling with solar EUV irradiance. Journal of Geophysical Research: Space Physics, 2017, 122, 1102-1116.	2.4	40
16	Characterizing Atmospheric Escape from Mars Today and Through Time, with MAVEN. Space Science Reviews, 2015, 195, 357-422.	8.1	99
17	Solar wind interaction with the Martian upper atmosphere: Crustal field orientation, solar cycle, and seasonal variations. Journal of Geophysical Research: Space Physics, 2015, 120, 7857-7872.	2.4	51
18	A comparison of 3â€Ð model predictions of Mars' oxygen corona with early MAVEN IUVS observations. Geophysical Research Letters, 2015, 42, 9015-9022.	4.0	35

#	Article	IF	Citations
19	Hot oxygen corona at Mars and the photochemical escape of oxygen: Improved description of the thermosphere, ionosphere, and exosphere. Journal of Geophysical Research E: Planets, 2015, 120, 1880-1892.	3.6	38
20	MAVEN observations of the response of Mars to an interplanetary coronal mass ejection. Science, 2015, 350, aad0210.	12.6	166
21	Early MAVEN Deep Dip campaign reveals thermosphere and ionosphere variability. Science, 2015, 350, aad0459.	12.6	90
22	Hot carbon corona in Mars' upper thermosphere and exosphere: 2. Solar cycle and seasonal variability. Journal of Geophysical Research E: Planets, 2014, 119, 2487-2509.	3.6	12
23	Hot carbon corona in Marsâ€™ upper thermosphere and exosphere: 1. Mechanisms and structure of the hot corona for low solar activity at equinox. Journal of Geophysical Research E: Planets, 2014, 119, 905-924.	3.6	19