Shane Stone

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5884410/publications.pdf

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19	1,273	567281 15	794594 19
papers	citations	h-index	g-index

23	23	23	1313
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neutral Composition and Horizontal Variations of the Martian Upper Atmosphere From MAVEN NGIMS. Journal of Geophysical Research E: Planets, 2022, 127, .	3.6	4
2	The Deuterium Isotopic Ratio of Water Released From the Martian Caps as Measured With TGO/NOMAD. Geophysical Research Letters, 2022, 49, .	4.0	15
3	In Situ Measurements of Thermal Ion Temperature in the Martian Ionosphere. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029531.	2.4	17
4	Two-dimensional model for the martian exosphere: Applications to hydrogen and deuterium Lyman Î± observations. Icarus, 2020, 339, 113573.	2.5	8
5	Hydrogen escape from Mars is driven by seasonal and dust storm transport of water. Science, 2020, 370, 824-831.	12.6	66
6	Subsolar Electron Temperatures in the Lower Martian Ionosphere. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027597.	2.4	6
7	Global characteristics of gravity waves in the upper atmosphere of Mars as measured by MAVEN/NGIMS. Icarus, 2019, 333, 12-21.	2.5	41
8	Evaluating Local Ionization Balance in the Nightside Martian Upper Atmosphere during MAVEN Deep Dip Campaigns. Astrophysical Journal Letters, 2019, 876, L12.	8.3	27
9	Seasonal Variability of Deuterium in the Upper Atmosphere of Mars. Journal of Geophysical Research: Space Physics, 2019, 124, 2152-2164.	2.4	13
10	The Impact of Crustal Magnetic Fields on the Thermal Structure of the Martian Upper Atmosphere. Astrophysical Journal Letters, 2018, 853, L33.	8.3	18
11	Variability of Martian Turbopause Altitudes. Journal of Geophysical Research E: Planets, 2018, 123, 2939-2957.	3.6	30
12	Thermal Structure of the Martian Upper Atmosphere From MAVEN NGIMS. Journal of Geophysical Research E: Planets, 2018, 123, 2842-2867.	3.6	91
13	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
14	He bulge revealed: He and CO₂ diurnal and seasonal variations in the upper atmosphere of Mars as detected by MAVEN NGIMS. Journal of Geophysical Research: Space Physics, 2017, 122, 2564-2573.	2.4	52
15	Marsâ€™ atmospheric history derived from upper-atmosphere measurements of ³⁸ Ar/ ³⁶ Ar. Science, 2017, 355, 1408-1410.	12.6	183
16	Structure and composition of the neutral upper atmosphere of Mars from the MAVEN NGIMS investigation. Geophysical Research Letters, 2015, 42, 8951-8957.	4.0	168
17	MAVEN observations of the response of Mars to an interplanetary coronal mass ejection. Science, 2015, 350, aad0210.	12.6	166
18	Early MAVEN Deep Dip campaign reveals thermosphere and ionosphere variability. Science, 2015, 350, aad0459.	12.6	90

#	Article	IF	Citations
19	A novel dialkylthio benzo[1,2-b:4,5-bâ€²]dithiophene derivative for high open-circuit voltage in polymer solar cells. Chemical Communications, 2011, 47, 10987.	4.1	60