

On the Exospheric Temperature of Hydrogen-Dominated

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Energetics of thermospheric eddy transport. <i>Journal of Geophysical Research</i> , 1974, 79, 2533-2534.	3.3	48
2	The atmosphere of Titan. <i>Reviews of Geophysics</i> , 1974, 12, 435-446.	23.0	8
3	Molten Earth and the origin of prebiological molecules. <i>Origins of Life and Evolution of Biospheres</i> , 1975, 6, 15-21.	0.6	3
4	Instability of a highly reducing atmosphere on the primitive Earth. <i>Precambrian Research</i> , 1976, 3, 463-470.	2.7	13
5	The atmosphere of Io. <i>Icarus</i> , 1976, 29, 493-507.	2.5	6
6	Soft electrons as a possible heat source for Jupiter's thermosphere. <i>Planetary and Space Science</i> , 1977, 25, 817-821.	1.7	52
7	The origin of the atmospheres of the earth and the planets. <i>Chinese Astronomy</i> , 1979, 3, 92-104.	0.2	0
8	Non-Maxwellian effects associated with the thermal escape of a planetary atmosphere. <i>Planetary and Space Science</i> , 1979, 27, 739-751.	1.7	23
9	Formation of the planets. <i>New Astronomy Reviews</i> , 1980, 24, 335-354.	0.3	4
10	Accretional heating as the major cause of compositional differences among meteorite parent bodies, the Moon, and Earth. <i>Icarus</i> , 1980, 43, 215-221.	2.5	4
11	Dissipation of the Primordial Terrestrial Atmosphere Due to Irradiation of the Solar EUV. <i>Progress of Theoretical Physics</i> , 1980, 64, 1968-1985.	2.0	77
12	The dynamics of a rapidly escaping atmosphere: Applications to the evolution of Earth and Venus. <i>Icarus</i> , 1981, 48, 150-166.	2.5	473
13	Blow-off of planetary protoatmospheres and of the protoplanetary nebula. <i>Physics of the Earth and Planetary Interiors</i> , 1982, 29, 252-260.	1.9	6
14	Modern exospheric theories and their observational relevance. <i>Reviews of Geophysics</i> , 1983, 21, 75-124.	23.0	110
15	Chapter 1 Vertical Structure of an Atmosphere. <i>International Geophysics</i> , 1987, 36, 1-70.	0.6	0
16	Kuiper prize lecture: Escape of atmospheres, ancient and modern. <i>Icarus</i> , 1990, 85, 1-20.	2.5	36
17	Discrete velocity model for an escaping single-component atmosphere. <i>Planetary and Space Science</i> , 1994, 42, 409-419.	1.7	8
18	Atmospheric Loss of Exoplanets Resulting from Stellar X-Ray and Extreme-Ultraviolet Heating. <i>Astrophysical Journal</i> , 2003, 598, L121-L124.	4.5	473

#	ARTICLE	IF	CITATIONS
19	The effect of tidal locking on the magnetospheric and atmospheric evolution of “Hot Jupiters”. <i>Astronomy and Astrophysics</i> , 2004, 425, 753-762.	5.1	173
20	The influence of the solar particle and radiation environment on Titan’s atmosphere evolution. <i>Advances in Space Research</i> , 2005, 36, 241-250.	2.6	54
21	Atmospheric and water loss from early Venus. <i>Planetary and Space Science</i> , 2006, 54, 1425-1444.	1.7	120
22	Physical and chemical aeronomy of HD 209458b. <i>Planetary and Space Science</i> , 2007, 55, 1426-1455.	1.7	294
23	A Comparative Study of the Influence of the Active Young Sun on the Early Atmospheres of Earth, Venus, and Mars. <i>Space Science Reviews</i> , 2007, 129, 207-243.	8.1	110
24	Mass loss from “Hot Jupiters” Implications for CoRoT discoveries, Part II: Long time thermal atmospheric evaporation modeling. <i>Planetary and Space Science</i> , 2008, 56, 1260-1272.	1.7	80
25	Evolution of the Solar/Stellar Radiation and Plasma Environment. <i>SpringerBriefs in Astronomy</i> , 2013, , 15-24.	1.6	0
26	Probing the blow-off criteria of hydrogen-rich “super-Earths”. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 1247-1256.	4.4	93
27	Thermal escape from extrasolar giant planets. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014, 372, 20130089.	3.4	31
28	Atmospheric Escape and the Evolution of Close-In Exoplanets. <i>Annual Review of Earth and Planetary Sciences</i> , 2019, 47, 67-90.	11.0	160
29	Strange messenger: A new history of hydrogen on Earth, as told by Xenon. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 244, 56-85.	3.9	109
30	Atmospheric Escape Processes and Planetary Atmospheric Evolution. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027639.	2.4	58
31	A Comparative Study of the Influence of the Active Young Sun on the Early Atmospheres of Earth, Venus, and Mars. <i>Space Sciences Series of ISSI</i> , 2007, , 207-243.	0.0	4
32	Molten Earth and the Origin of Prebiological Molecules. , 1974, , 15-21.		0
33	The Ionosphere and Upper Atmosphere of Venus. , 1975, , 385-399.		2
34	The Three Regimes of Atmospheric Evaporation for Super-Earths and Sub-Neptunes. <i>Astrophysical Journal</i> , 2023, 943, 11.	4.5	4