

Alexey A Pankine

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

359
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840776

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docs citations

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457
citing authors

#	ARTICLE	IF	CITATIONS
1	Subsurface heat transfer on Enceladus: Conditions under which melting occurs. <i>Icarus</i> , 2010, 206, 594-607.	2.5	58
2	Retrievals of martian atmospheric opacities from MGS TES nighttime data. <i>Icarus</i> , 2013, 226, 708-722.	2.5	41
3	Phoenix and MRO coordinated atmospheric measurements. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	40
4	MGS TES observations of the water vapor above the seasonal and perennial ice caps during northern spring and summer. <i>Icarus</i> , 2010, 210, 58-71.	2.5	32
5	Interannual variability of Mars global dust storms: an example of self-organized criticality?. <i>Icarus</i> , 2004, 170, 514-518.	2.5	30
6	Interannual Variability of Martian Global Dust Storms Simulations with a Low-Order Model of the General Circulation. <i>Icarus</i> , 2002, 155, 299-323.	2.5	19
7	Aerodynamic and Mission Performance of a Winged Balloon Guidance System. <i>Journal of Aircraft</i> , 2007, 44, 1923-1938.	2.4	17
8	Water vapor variability in the north polar region of Mars from Viking MAWD and MGS TES datasets. <i>Icarus</i> , 2009, 204, 87-102.	2.5	17
9	Constraints on water vapor vertical distribution at the Phoenix landing site during summer from MGS TES day and night observations. <i>Icarus</i> , 2015, 252, 107-120.	2.5	17
10	The nature of the systematic radiometric error in the MGS TES spectra. <i>Planetary and Space Science</i> , 2015, 109-110, 64-75.	1.7	16
11	Directed aerial robot explorers for planetary exploration. <i>Advances in Space Research</i> , 2004, 33, 1825-1830.	2.6	14
12	Explaining NOMAD D/H Observations by Cloud-Induced Fractionation of Water Vapor on Mars. <i>Journal of Geophysical Research E: Planets</i> , 2022, 127, .	3.6	11
13	Radiometric error and re-calibration of the MGS TES spectra. <i>Planetary and Space Science</i> , 2016, 134, 112-121.	1.7	10
14	MGS TES observations of the water vapor in the martian southern polar atmosphere during spring and summer. <i>Icarus</i> , 2019, 331, 26-48.	2.5	9
15	Mars Climate Sounder Observations of Gravity-wave Activity throughout Mars's Lower Atmosphere. <i>Planetary Science Journal</i> , 2022, 3, 57.	3.6	9
16	Ejecta Pattern of the Impact of Comet Shoemaker-Levy 9. <i>Icarus</i> , 1999, 138, 157-163.	2.5	7
17	Stratospheric Satellites for Earth Observations. <i>Bulletin of the American Meteorological Society</i> , 2009, 90, 1109-1119.	3.3	7
18	Martian atmospheric water vapor abundances in MY26-30 from Mars Express PFS/LW observations. <i>Icarus</i> , 2022, 379, 114975.	2.5	3

#	ARTICLE	IF	CITATIONS
19	Aeolian Dust Deposits. , 2014, , 1-8.		2
20	Geyser. , 2014, , 1-8.		0
21	Aeolian Dust Deposits. , 2015, , 12-18.		0
22	Tiger Stripe Fractures (Enceladus). , 2014, , 1-4.		0
23	Polar Cap. , 2014, , 1-14.		0
24	Tiger Stripe Fractures (Enceladus). , 2015, , 2148-2150.		0
25	Polar Cap. , 2015, , 1603-1614.		0
26	Geyser. , 2015, , 835-841.		0