

Hari Nair

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,296
citations

623734

14
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677142

22
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23
all docs

23
docs citations

23
times ranked

1535
citing authors

#	ARTICLE	IF	CITATIONS
1	The morphometry of small impact craters on Benu: Relationships to geologic units, boulders, and impact armoring. <i>Icarus</i> , 2022, 384, 115058.	2.5	3
2	Persephone: A Pluto-system Orbiter and Kuiper Belt Explorer. <i>Planetary Science Journal</i> , 2021, 2, 75.	3.6	7
3	Validation of Stereophotoclinometric Shape Models of Asteroid (101955) Benu during the OSIRIS-REx Mission. <i>Planetary Science Journal</i> , 2021, 2, 82.	3.6	17
4	MEGANE investigations of Phobos and the Small Body Mapping Tool. <i>Earth, Planets and Space</i> , 2021, 73, 217.	2.5	4
5	Digital terrain mapping by the OSIRIS-REx mission. <i>Planetary and Space Science</i> , 2020, 180, 104764.	1.7	81
6	The Morphometry of Impact Craters on Benu. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089672.	4.0	20
7	Shape of (101955) Benu indicative of a rubble pile with internal stiffness. <i>Nature Geoscience</i> , 2019, 12, 247-252.	12.9	179
8	Calibration, Projection, and Final Image Products of MESSENGER's Mercury Dual Imaging System. <i>Space Science Reviews</i> , 2018, 214, 1.	8.1	53
9	Vertical profiles of Mars 1.27- μm O ₂ dayglow from MRO CRISM limb spectra: Seasonal/global behaviors, comparisons to LMDGCM simulations, and a global definition for Mars water vapor profiles. <i>Icarus</i> , 2017, 293, 132-156.	2.5	58
10	Determining shape of a seasonally shadowed asteroid using stellar occultation imaging. <i>Planetary and Space Science</i> , 2016, 131, 24-32.	1.7	0
11	Imaging Mercury's polar deposits during MESSENGER's low-altitude campaign. <i>Geophysical Research Letters</i> , 2016, 43, 9461-9468.	4.0	31
12	New insights into martian atmospheric chemistry. <i>Icarus</i> , 2014, 242, 97-104.	2.5	10
13	Images of surface volatiles in Mercury's polar craters acquired by the MESSENGER spacecraft. <i>Geology</i> , 2014, 42, 1051-1054.	4.4	67
14	First detection of Mars atmospheric hydroxyl: CRISM Near-IR measurement versus LMD GCM simulation of OH Meinel band emission in the Mars polar winter atmosphere. <i>Icarus</i> , 2013, 226, 272-281.	2.5	54
15	Comparison of TWINS images of low-altitude emission of energetic neutral atoms with DMSP precipitating ion fluxes. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	43
16	$O_2(a^1\Delta_g, i^1\Sigma_g^+ = 0)$ chemical loss coefficients determined from SABER sunset measurements. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	3
17	Compact Reconnaissance Imaging Spectrometer for Mars investigation and data set from the Mars Reconnaissance Orbiter's primary science phase. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	178
18	Isotopic fractionation of methane in the martian atmosphere. <i>Icarus</i> , 2005, 175, 32-35.	2.5	44

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19	Localized rapid ozone loss in the northern winter stratosphere: An analysis of UARS observations. Journal of Geophysical Research, 1998, 103, 1555-1571.	3.3	14
20	Annual (perihelion-aphelion) cycles in the photochemical behavior of the global Mars atmosphere. Journal of Geophysical Research, 1996, 101, 12785-12790.	3.3	89
21	A Photochemical Model of the Martian Atmosphere. Icarus, 1994, 111, 124-150.	2.5	330