

Daniel Berman

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

979
citations

516710

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642732

23
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23
docs citations

23
times ranked

825
citing authors

#	ARTICLE	IF	CITATIONS
1	Transverse Aeolian Ridges (TARs) on Mars. <i>Geomorphology</i> , 2008, 101, 703-720.	2.6	158
2	Recent Fluvial, Volcanic, and Tectonic Activity on the Cerberus Plains of Mars. <i>Icarus</i> , 2002, 159, 1-17.	2.5	151
3	Elysium Planitia lava flows: Crater count chronology and geological implications. <i>Journal of Geophysical Research</i> , 2000, 105, 15011-15025.	3.3	145
4	Transverse Aeolian Ridges (TARs) on Mars II: Distributions, orientations, and ages. <i>Icarus</i> , 2011, 213, 116-130.	2.5	80
5	The role of arcuate ridges and gullies in the degradation of craters in the Newton Basin region of Mars. <i>Icarus</i> , 2005, 178, 465-486.	2.5	68
6	Degradation of mid-latitude craters on Mars. <i>Icarus</i> , 2009, 200, 77-95.	2.5	42
7	High-resolution investigations of Transverse Aeolian Ridges on Mars. <i>Icarus</i> , 2018, 312, 247-266.	2.5	40
8	Rock glaciers on Mars: Earth-based clues to Mars's recent paleoclimatic history. <i>Planetary and Space Science</i> , 2007, 55, 181-192.	1.7	38
9	Comprehensive analysis of glaciated martian crater Greg. <i>Icarus</i> , 2014, 228, 96-120.	2.5	35
10	Formation and mantling ages of lobate debris aprons on Mars: Insights from categorized crater counts. <i>Planetary and Space Science</i> , 2015, 111, 83-99.	1.7	33
11	A Global Inventory of Ice-Related Morphological Features on Dwarf Planet Ceres: Implications for the Evolution and Current State of the Cryosphere. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 1650-1689.	3.6	33
12	Martian outflow channels: How did their source aquifers form and why did they drain so rapidly?. <i>Scientific Reports</i> , 2015, 5, 13404.	3.3	29
13	Geologic mapping of the Urvara and Yalode Quadrangles of Ceres. <i>Icarus</i> , 2018, 316, 167-190.	2.5	23
14	Fresh exposures of hydrous Fe-bearing amorphous silicates on Mars. <i>Geophysical Research Letters</i> , 2014, 41, 8744-8751.	4.0	21
15	Infiltration of Martian outflow channel floodwaters into lowland cavernous systems. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	19
16	Secondary chaotic terrain formation in the higher outflow channels of southern circum-Chryse, Mars. <i>Icarus</i> , 2011, 213, 150-194.	2.5	17
17	The 1997 Mars Pathfinder Spacecraft Landing Site: Spillover Deposits from an Early Mars Inland Sea. <i>Scientific Reports</i> , 2019, 9, 4045.	3.3	9
18	Ice-rich landforms of the southern mid-latitudes of Mars: A case study in Nereidum Montes. <i>Icarus</i> , 2021, 355, 114170.	2.5	9

#	ARTICLE	IF	CITATIONS
19	Multiple surface wetting events in the greater Meridiani Planum region, Mars: Evidence from valley networks within ancient cratered highlands. <i>Geophysical Research Letters</i> , 2017, 44, 1669-1678.	4.0	8
20	The Oldest Highlands of Mars May Be Massive Dust Fallout Deposits. <i>Scientific Reports</i> , 2020, 10, 10347.	3.3	7
21	Geology of the northeastern flank of Apollinaris Mons, Mars: Constraints on the erosional history from morphology, topography, and crater populations. <i>Icarus</i> , 2019, 333, 385-403.	2.5	6
22	The Chaotic Terrains of Mercury Reveal a History of Planetary Volatile Retention and Loss in the Innermost Solar System. <i>Scientific Reports</i> , 2020, 10, 4737.	3.3	5
23	Distribution and Morphology of Lava Tube Systems on the Western Flank of Alba Mons, Mars. <i>Journal of Geophysical Research E: Planets</i> , 2022, 127, .	3.6	3