Daniel Berman

List of Publications by Year
in descending order

23 papers	979 citations	516710 16 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	825 citing authors

#	Article	IF	Citations
1	Distribution and Morphology of Lava Tube Systems on the Western Flank of Alba Mons, Mars. Journal of Geophysical Research E: Planets, 2022, 127, .	3.6	3
2	Ice-rich landforms of the southern mid-latitudes of Mars: A case study in Nereidum Montes. Icarus, 2021, 355, 114170.	2.5	9
3	The Chaotic Terrains of Mercury Reveal a History of Planetary Volatile Retention and Loss in the Innermost Solar System. Scientific Reports, 2020, 10, 4737.	3.3	5
4	The Oldest Highlands of Mars May Be Massive Dust Fallout Deposits. Scientific Reports, 2020, 10, 10347.	3.3	7
5	Geology of the northeastern flank of Apollinaris Mons, Mars: Constraints on the erosional history from morphology, topography, and crater populations. Icarus, 2019, 333, 385-403.	2.5	6
6	The 1997 Mars Pathfinder Spacecraft Landing Site: Spillover Deposits from an Early Mars Inland Sea. Scientific Reports, 2019, 9, 4045.	3.3	9
7	A Global Inventory of Iceâ€Related Morphological Features on Dwarf Planet Ceres: Implications for the Evolution and Current State of the Cryosphere. Journal of Geophysical Research E: Planets, 2019, 124, 1650-1689.	3.6	33
8	Geologic mapping of the Urvara and Yalode Quadrangles of Ceres. Icarus, 2018, 316, 167-190.	2.5	23
9	High-resolution investigations of Transverse Aeolian Ridges on Mars. Icarus, 2018, 312, 247-266.	2.5	40
10	Multiple surface wetting events in the greater Meridiani Planum region, Mars: Evidence from valley networks within ancient cratered highlands. Geophysical Research Letters, 2017, 44, 1669-1678.	4.0	8
11	Martian outflow channels: How did their source aquifers form and why did they drain so rapidly?. Scientific Reports, 2015, 5, 13404.	3.3	29
12	Formation and mantling ages of lobate debris aprons on Mars: Insights from categorized crater counts. Planetary and Space Science, 2015, 111, 83-99.	1.7	33
13	Comprehensive analysis of glaciated martian crater Greg. Icarus, 2014, 228, 96-120.	2.5	35
14	Fresh exposures of hydrous Feâ€bearing amorphous silicates on Mars. Geophysical Research Letters, 2014, 41, 8744-8751.	4.0	21
15	Infiltration of Martian outflow channel floodwaters into lowland cavernous systems. Geophysical Research Letters, 2012, 39, .	4.0	19
16	Transverse Aeolian Ridges (TARs) on Mars II: Distributions, orientations, and ages. Icarus, 2011, 213, 116-130.	2.5	80
17	Secondary chaotic terrain formation in the higher outflow channels of southern circum-Chryse, Mars. Icarus, 2011, 213, 150-194.	2.5	17
18	Degradation of mid-latitude craters on Mars. Icarus, 2009, 200, 77-95.	2.5	42

#	Article	IF	Citations
19	Transverse Aeolian Ridges (TARs) on Mars. Geomorphology, 2008, 101, 703-720.	2.6	158
20	Rock glaciers on Mars: Earth-based clues to Marsâ€™ recent paleoclimatic history. Planetary and Space Science, 2007, 55, 181-192.	1.7	38
21	The role of arcuate ridges and gullies in the degradation of craters in the Newton Basin region of Mars. Icarus, 2005, 178, 465-486.	2.5	68
22	Recent Fluvial, Volcanic, and Tectonic Activity on the Cerberus Plains of Mars. Icarus, 2002, 159, 1-17.	2.5	151
23	Elysium Planitia lava flows: Crater count chronology and geological implications. Journal of Geophysical Research, 2000, 105, 15011-15025.	3.3	145