James A Skinner Jr

List of Publications by Year
in descending order

16 papers	1,353 citations	687363 13 h-index	940533 16 g-index
18 all docs	18 docs citations	18 times ranked	1057 citing authors

#	Article	IF	Citations
1	Grid Mapping the Northern Plains of Mars: Geomorphological, Radar, and Waterâ€Equivalent Hydrogen Results From Arcadia Plantia. Journal of Geophysical Research E: Planets, 2019, 124, 504-527.	3.6	10
2	Grid Mapping the Northern Plains of Mars: Using Morphotype and Distribution of Iceâ€Related Landforms to Understand Multiple Iceâ€Rich Deposits in Utopia Planitia. Journal of Geophysical Research E: Planets, 2019, 124, 483-503.	3.6	22
3	Grid Mapping the Northern Plains of Mars: A New Overview of Recent Waterâ€•and Iceâ€Related Landforms in Acidalia Planitia. Journal of Geophysical Research E: Planets, 2019, 124, 454-482.	3.6	23
4	Grid-based mapping: A method for rapidly determining the spatial distributions of small features over very large areas. Planetary and Space Science, 2017, 140, 49-61.	1.7	26
5	Large Crater Clustering tool. Computers and Geosciences, 2017, 105, 81-90.	4.2	3
6	The role of photogeologic mapping in traverse planning: Lessons from DRATS 2010 activities. Acta Astronautica, 2013, 90, 242-253.	3.2	11
7	Crater-based dating of geological units on Mars: Methods and application for the new global geological map. Icarus, 2013, 225, 806-827.	2.5	75
8	The traverse planning process for D-RATS 2010. Acta Astronautica, 2013, 90, 254-267.	3.2	15
9	Widespread loess-like deposit in the Martian northern lowlands identifies Middle Amazonian climate change. Geology, 2012, 40, 1127-1130.	4.4	67
10	History of plains resurfacing in the Scandia region of Mars. Planetary and Space Science, 2011, 59, 1128-1142.	1.7	58
11	Assessment of planetary geologic mapping techniques for Mars using terrestrial analogs: The SP Mountain area of the San Francisco Volcanic Field, Arizona. Planetary and Space Science, 2009, 57, 510-532.	1.7	15
12	Mesoscale raised rim depressions (MRRDs) on Earth: A review of the characteristics, processes, and spatial distributions of analogs for Mars. Planetary and Space Science, 2009, 57, 579-596.	1.7	50
13	Martian mud volcanism: Terrestrial analogs and implications for formational scenarios. Marine and Petroleum Geology, 2009, 26, 1866-1878.	3.3	98
14	North polar region of Mars: Advances in stratigraphy, structure, and erosional modification. Icarus, 2008, 196, 318-358.	2.5	198
15	Evidence for and implications of sedimentary diapirism and mud volcanism in the southern Utopia highlandâ€“lowland boundary plain, Mars. Icarus, 2007, 186, 41-59.	2.5	144
16	Geology of the MER 2003 â€œElysiumâ€•candidate landing site in southeastern Utopia Planitia, Mars. Journal of Geophysical Research, 2003, 108, .	3.3	18