Nicholas H Warner

List of Publications by Year
in descending order

39	1,537	361413 20	377865 34
papers	citations	h-index	g-index

44	44	44	1378
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Degradation at theInSightLanding Site,Homestead Hollow, Mars: Constraints From Rock Heights and Shapes. Earth and Space Science, 2022, 9, .	2.6	3
2	Regional Geology of the Hypanis Valles System, Mars. Journal of Geophysical Research E: Planets, 2022, 127, .	3.6	3
3	In Situ and Orbital Stratigraphic Characterization of the InSight Landing Siteâ€"A Type Example of a Regolithâ€Covered Lava Plain on Mars. Journal of Geophysical Research E: Planets, 2022, 127, .	3.6	17
4	Vortexâ€Dominated Aeolian Activity at InSight's Landing Site, Part 2: Local Meteorology, Transport Dynamics, and Model Analysis. Journal of Geophysical Research E: Planets, 2021, 126, e2020JE006514.	3.6	19
5	Constraining Martian Regolith and Vortex Parameters From Combined Seismic and Meteorological Measurements. Journal of Geophysical Research E: Planets, 2021, 126, e2020JE006410.	3.6	16
6	Vortexâ€Dominated Aeolian Activity at InSight's Landing Site, Part 1: Multiâ€Instrument Observations, Analysis, and Implications. Journal of Geophysical Research E: Planets, 2021, 126, e2020JE006757.	3.6	23
7	Soil Thermophysical Properties Near the InSight Lander Derived From 50 Sols of Radiometer Measurements. Journal of Geophysical Research E: Planets, 2021, 126, e2021JE006859.	3.6	22
8	Rock Sizeâ€Frequency Distributions at the InSight Landing Site, Mars. Earth and Space Science, 2021, 8, .	2.6	12
9	Location and Setting of the Mars InSight Lander, Instruments, and Landing Site. Earth and Space Science, 2020, 7, e2020EA001248.	2.6	34
10	Crater Morphometry on the Mafic Floor Unit at Jezero Crater, Mars: Comparisons to a Known Basaltic Lava Plain at the InSight Landing Site. Geophysical Research Letters, 2020, 47, e2020GL089607.	4.0	11
11	Comparison of InSightHomesteadHollow to Hollows at the Spirit Landing Site. Journal of Geophysical Research E: Planets, 2020, 125, e2020JE006435.	3.6	10
12	An Impact Crater Origin for the InSight Landing Site at Homestead Hollow, Mars: Implications for Near Surface Stratigraphy, Surface Processes, and Erosion Rates. Journal of Geophysical Research E: Planets, 2020, 125, e2019JE006333.	3.6	24
13	Assessment of InSight Landing Site Predictions. Journal of Geophysical Research E: Planets, 2020, 125, e2020JE006502.	3.6	32
14	Degradation of Homestead Hollow at the InSight Landing Site Based on the Distribution and Properties of Local Deposits. Journal of Geophysical Research E: Planets, 2020, 125, e2019JE006350.	3.6	20
15	Geology of the InSight landing site on Mars. Nature Communications, 2020, 11, 1014.	12.8	107
16	Initial results from the InSight mission on Mars. Nature Geoscience, 2020, 13, 183-189.	12.9	274
17	Hypotheses for the origin of the Hypanis fan-shaped deposit at the edge of the Chryse escarpment, Mars: Is it a delta?. Icarus, 2019, 319, 885-908.	2.5	25
18	GEOLOGY OF THE INSIGHT LANDING SITE, MARS. , 2019, , .		2

#	Article	IF	Citations
19	AN IMPACT ORIGIN FOR HOMESTEAD HOLLOW, THE LANDING LOCATION OF THE INSIGHT LANDER ON MARS. , 2019, , .		4
20	SURFACE ALTERATION FROM LANDING INSIGHT ON MARS AND ITS IMPLICATIONS FOR SHALLOW REGOLITH STRUCTURE. , 2019, , .		5
21	EOLIAN BEDFORMS IN THE REGION SURROUNDING THE INSIGHT LANDING SITE, MARS. , 2019, , .		1
22	MODIFICATION OF HOMESTEAD HOLLOW AT THE INSIGHT LANDING SITE. , 2019, , .		1
23	Areally Extensive Surface Bedrock Exposures on Mars: Many Are Clastic Rocks, Not Lavas. Geophysical Research Letters, 2018, 45, 1767-1777.	4.0	68
24	Degradation of 100â€mâ€Scale Rocky Ejecta Craters at the InSight Landing Site on Mars and Implications for Surface Processes and Erosion Rates in the Hesperian and Amazonian. Journal of Geophysical Research E: Planets, 2018, 123, 2732-2759.	3.6	27
25	Geology and Physical Properties Investigations by the InSight Lander. Space Science Reviews, 2018, 214, 1.	8.1	77
26	The Hypanis Valles delta: The last highstand of a sea on early Mars?. Earth and Planetary Science Letters, 2018, 500, 225-241.	4.4	41
27	Selection of the InSight Landing Site. Space Science Reviews, 2017, 211, 5-95.	8.1	150
28	Instrumentation Development for In Situ⁴⁰Ar/³⁹Ar Planetary Geochronology. Geostandards and Geoanalytical Research, 2017, 41, 381-396.	3.1	6
29	Near Surface Stratigraphy and Regolith Production in Southwestern Elysium Planitia, Mars: Implications for Hesperian-Amazonian Terrains and the InSight Lander Mission. Space Science Reviews, 2017, 211, 147-190.	8.1	57
30	Minimum effective area for high resolution crater counting of martian terrains. Icarus, 2015, 245, 198-240.	2.5	103
31	Small crater modification on Meridiani Planum and implications for erosion rates and climate change on Mars. Journal of Geophysical Research E: Planets, 2014, 119, 2522-2547.	3.6	80
32	Fill and spill of giant lakes in the eastern Valles Marineris region of Mars. Geology, 2013, 41, 675-678.	4.4	58
33	Hydraulic modeling of a distributary channel of Athabasca Valles, Mars, using a highâ€resolution digital terrain model. Journal of Geophysical Research, 2012, 117, .	3.3	14
34	Formation of an Hesperian-aged sedimentary basin containing phyllosilicates in Coprates Catena, Mars. Icarus, 2012, 218, 178-195.	2.5	26
35	Constraints on the origin and evolution of Iani Chaos, Mars. Journal of Geophysical Research, 2011, 116, .	3.3	28
36	Influence of fault-controlled topography on fluvio-deltaic sedimentary systems in Eberswalde crater, Mars. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	18

#	Article	IF	Citations
37	Timescales of alluvial fan development by precipitation on Mars. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	26
38	Subglacial Hydrothermal Alteration Minerals in JÃ¶kulhlaup Deposits of Southern Iceland, with Implications for Detecting Past or Present Habitable Environments on Mars. Astrobiology, 2010, 10, 523-547.	3.0	34
39	A refined chronology of catastrophic outflow events in Ares Vallis, Mars. Earth and Planetary Science Letters, 2009, 288, 58-69.	4.4	57