

Nicholas H Warner

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,537
citations

361413

20
h-index

377865

34
g-index

44
all docs

44
docs citations

44
times ranked

1378
citing authors

#	ARTICLE	IF	CITATIONS
1	Initial results from the InSight mission on Mars. <i>Nature Geoscience</i> , 2020, 13, 183-189.	12.9	274
2	Selection of the InSight Landing Site. <i>Space Science Reviews</i> , 2017, 211, 5-95.	8.1	150
3	Geology of the InSight landing site on Mars. <i>Nature Communications</i> , 2020, 11, 1014.	12.8	107
4	Minimum effective area for high resolution crater counting of martian terrains. <i>Icarus</i> , 2015, 245, 198-240.	2.5	103
5	Small crater modification on Meridiani Planum and implications for erosion rates and climate change on Mars. <i>Journal of Geophysical Research E: Planets</i> , 2014, 119, 2522-2547.	3.6	80
6	Geology and Physical Properties Investigations by the InSight Lander. <i>Space Science Reviews</i> , 2018, 214, 1.	8.1	77
7	Areally Extensive Surface Bedrock Exposures on Mars: Many Are Clastic Rocks, Not Lavas. <i>Geophysical Research Letters</i> , 2018, 45, 1767-1777.	4.0	68
8	Fill and spill of giant lakes in the eastern Valles Marineris region of Mars. <i>Geology</i> , 2013, 41, 675-678.	4.4	58
9	A refined chronology of catastrophic outflow events in Ares Vallis, Mars. <i>Earth and Planetary Science Letters</i> , 2009, 288, 58-69.	4.4	57
10	Near Surface Stratigraphy and Regolith Production in Southwestern Elysium Planitia, Mars: Implications for Hesperian-Amazonian Terrains and the InSight Lander Mission. <i>Space Science Reviews</i> , 2017, 211, 147-190.	8.1	57
11	The Hypanis Valles delta: The last highstand of a sea on early Mars?. <i>Earth and Planetary Science Letters</i> , 2018, 500, 225-241.	4.4	41
12	Subglacial Hydrothermal Alteration Minerals in Jökulhlaup Deposits of Southern Iceland, with Implications for Detecting Past or Present Habitable Environments on Mars. <i>Astrobiology</i> , 2010, 10, 523-547.	3.0	34
13	Location and Setting of the Mars InSight Lander, Instruments, and Landing Site. <i>Earth and Space Science</i> , 2020, 7, e2020EA001248.	2.6	34
14	Assessment of InSight Landing Site Predictions. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2020JE006502.	3.6	32
15	Constraints on the origin and evolution of Iani Chaos, Mars. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	28
16	Degradation of 100- μ m Scale Rocky Ejecta Craters at the InSight Landing Site on Mars and Implications for Surface Processes and Erosion Rates in the Hesperian and Amazonian. <i>Journal of Geophysical Research E: Planets</i> , 2018, 123, 2732-2759.	3.6	27
17	Timescales of alluvial fan development by precipitation on Mars. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	26
18	Formation of an Hesperian-aged sedimentary basin containing phyllosilicates in Coprates Catena, Mars. <i>Icarus</i> , 2012, 218, 178-195.	2.5	26

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19	Hypotheses for the origin of the Hypanis fan-shaped deposit at the edge of the Chryse escarpment, Mars: Is it a delta?. <i>Icarus</i> , 2019, 319, 885-908.	2.5	25
20	An Impact Crater Origin for the InSight Landing Site at Homestead Hollow, Mars: Implications for Near Surface Stratigraphy, Surface Processes, and Erosion Rates. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2019JE006333.	3.6	24
21	Vortex-Dominated Aeolian Activity at InSight's Landing Site, Part 1: Multi-Instrument Observations, Analysis, and Implications. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2020JE006757.	3.6	23
22	Soil Thermophysical Properties Near the InSight Lander Derived From 50 Sols of Radiometer Measurements. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2021JE006859.	3.6	22
23	Degradation of Homestead Hollow at the InSight Landing Site Based on the Distribution and Properties of Local Deposits. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2019JE006350.	3.6	20
24	Vortex-Dominated Aeolian Activity at InSight's Landing Site, Part 2: Local Meteorology, Transport Dynamics, and Model Analysis. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2020JE006514.	3.6	19
25	Influence of fault-controlled topography on fluvio-deltaic sedimentary systems in Eberswalde crater, Mars. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	18
26	In Situ and Orbital Stratigraphic Characterization of the InSight Landing Site—A Type Example of a Regolith-Covered Lava Plain on Mars. <i>Journal of Geophysical Research E: Planets</i> , 2022, 127, .	3.6	17
27	Constraining Martian Regolith and Vortex Parameters From Combined Seismic and Meteorological Measurements. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2020JE006410.	3.6	16
28	Hydraulic modeling of a distributary channel of Athabasca Valles, Mars, using a high-resolution digital terrain model. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	14
29	Rock Size-Frequency Distributions at the InSight Landing Site, Mars. <i>Earth and Space Science</i> , 2021, 8, .	2.6	12
30	Crater Morphometry on the Mafic Floor Unit at Jezero Crater, Mars: Comparisons to a Known Basaltic Lava Plain at the InSight Landing Site. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089607.	4.0	11
31	Comparison of InSight Homestead Hollow to Hollows at the Spirit Landing Site. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2020JE006435.	3.6	10
32	Instrumentation Development for In Situ ⁴⁰ Ar/ ³⁹ Ar Planetary Geochronology. <i>Geostandards and Geoanalytical Research</i> , 2017, 41, 381-396.	3.1	6
33	SURFACE ALTERATION FROM LANDING INSIGHT ON MARS AND ITS IMPLICATIONS FOR SHALLOW REGOLITH STRUCTURE., 2019, .		5
34	AN IMPACT ORIGIN FOR HOMESTEAD HOLLOW, THE LANDING LOCATION OF THE INSIGHT LANDER ON MARS., 2019, .		4
35	Degradation at the InSight Landing Site, Homestead Hollow, Mars: Constraints From Rock Heights and Shapes. <i>Earth and Space Science</i> , 2022, 9, .	2.6	3
36	Regional Geology of the Hypanis Valles System, Mars. <i>Journal of Geophysical Research E: Planets</i> , 2022, 127, .	3.6	3

#	ARTICLE	IF	CITATIONS
37	GEOLOGY OF THE INSIGHT LANDING SITE, MARS. , 2019, , .		2
38	EOLIAN BEDFORMS IN THE REGION SURROUNDING THE INSIGHT LANDING SITE, MARS. , 2019, , .		1
39	MODIFICATION OF HOMESTEAD HOLLOW AT THE INSIGHT LANDING SITE. , 2019, , .		1