

Da Paige

List of Publications by Year in descending order

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64
papers

3,114
citations

201674

27
h-index

155660

55
g-index

66
all docs

66
docs citations

66
times ranked

2251
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperatures of the Lacus Mortis Region of the Moon. <i>Earth and Space Science</i> , 2022, 9, .	2.6	2
2	Spatial Distribution and Thermal Diversity of Surface Volatile Cold Traps at the Lunar Poles. <i>Planetary Science Journal</i> , 2022, 3, 39.	3.6	16
3	The Effects of Terrain Properties Upon the Small Crater Population Distribution at Giordano Bruno: Implications for Lunar Chronology. <i>Journal of Geophysical Research E: Planets</i> , 2022, 127, .	3.6	5
4	Possible ice-wedge polygonisation in Utopia Planitia, Mars and its latitudinal gradient of distribution. <i>Icarus</i> , 2021, 358, 114208.	2.5	7
5	Possible polyphase periglaciation and glaciation adjacent to the Moreux impact-crater, Mars. <i>Icarus</i> , 2021, 362, 114401.	2.5	4
6	Temperatures Near the Lunar Poles and Their Correlation With Hydrogen Predicted by LEND. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2020JE006598.	3.6	11
7	Carbon Dioxide Cold Traps on the Moon. <i>Geophysical Research Letters</i> , 2021, 48, .	4.0	20
8	Possible (closed system) pingo and ice-wedge/thermokarst complexes at the mid latitudes of Utopia Planitia, Mars. <i>Icarus</i> , 2020, 342, 113233.	2.5	15
9	Regions of interest (ROI) for future exploration missions to the lunar South Pole. <i>Planetary and Space Science</i> , 2020, 180, 104750.	1.7	44
10	Mapping of Ice Storage Processes on the Moon with Time-dependent Temperatures. <i>Planetary Science Journal</i> , 2020, 1, 54.	3.6	23
11	Seasonal Polar Temperatures on the Moon. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 2505-2521.	3.6	80
12	Through the Thick and Thin: New Constraints on Mars Paleopressure History 3.8–4 Ga from Small Exhumed Craters. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 2793-2818.	3.6	16
13	Evidence for ultra-cold traps and surface water ice in the lunar south polar crater Amundsen. <i>Icarus</i> , 2019, 332, 1-13.	2.5	19
14	Unraveling the geologic and tectonic history of the Memnonia-Sirenum region of Mars: Implications on the early formation of the Tharsis rise. <i>Icarus</i> , 2019, 332, 132-150.	2.5	11
15	The Subsurface Coherent Rock Content of the Moon as Revealed by Cold-Spot Craters. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 3373-3384.	3.6	10
16	Secondary craters and ejecta across the solar system: Populations and effects on impact-crater-based chronologies. <i>Meteoritics and Planetary Science</i> , 2018, 53, 638-671.	1.6	35
17	Dating very young planetary surfaces from crater statistics: A review of issues and challenges. <i>Meteoritics and Planetary Science</i> , 2018, 53, 554-582.	1.6	45
18	Paleo-Periglacial and Ice-Rich Complexes in Utopia Planitia. , 2018, , 209-237.		1

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19	Volcanic Disruption of Recent Icy Terrain in the Argyre Basin, Mars. , 2018, , 273-292.		0
20	Modification of the Martian Surface by Impact Cratering. , 2018, , 363-386.		1
21	Lunar Cold Spots and Crater Production on the Moon. Journal of Geophysical Research E: Planets, 2018, 123, 2380-2392.	3.6	23
22	Direct evidence of surface exposed water ice in the lunar polar regions. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8907-8912.	7.1	324
23	Distal ejecta from lunar impacts: Extensive regions of rocky deposits. Icarus, 2017, 283, 282-299.	2.5	35
24	Theoretical time variability of mobile water on the Moon and its geographic pattern. Icarus, 2017, 298, 111-116.	2.5	13
25	Thrust fault modeling and Late-Noachian lithospheric structure of the circum-Hellas region, Mars. Icarus, 2017, 288, 53-68.	2.5	18
26	Long-lived volcanism within Argyre basin, Mars. Icarus, 2017, 293, 8-26.	2.5	8
27	Evidence for surface water ice in the lunar polar regions using reflectance measurements from the Lunar Orbiter Laser Altimeter and temperature measurements from the Diviner Lunar Radiometer Experiment. Icarus, 2017, 292, 74-85.	2.5	119
28	Diviner lunar radiometer gridded brightness temperatures from geodesic binning of modeled fields of view. Icarus, 2017, 298, 98-110.	2.5	10
29	Young lunar volcanic features: Thermophysical properties and formation. Icarus, 2017, 290, 224-237.	2.5	23
30	Global Regolith Thermophysical Properties of the Moon From the Diviner Lunar Radiometer Experiment. Journal of Geophysical Research E: Planets, 2017, 122, 2371-2400.	3.6	193
31	The InSight Mars Lander and Its Effect on the Subsurface Thermal Environment. Space Science Reviews, 2017, 211, 259-275.	8.1	16
32	Ices on Mercury: Chemistry of volatiles in permanently cold areas of Mercury's north polar region. Icarus, 2017, 281, 19-31.	2.5	26
33	Effects of varying environmental conditions on emissivity spectra of bulk lunar soils: Application to Diviner thermal infrared observations of the Moon. Icarus, 2017, 283, 326-342.	2.5	47
34	The global surface temperatures of the Moon as measured by the Diviner Lunar Radiometer Experiment. Icarus, 2017, 283, 300-325.	2.5	245
35	The temperatures of Giordano Bruno crater observed by the Diviner Lunar Radiometer Experiment: Application of an effective field of view model for a point-based data set. Icarus, 2016, 273, 205-213.	2.5	23
36	Origin of the anomalously rocky appearance of Tsiolkovskiy crater. Icarus, 2016, 273, 237-247.	2.5	23

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37	The Lassell massif—A silicic lunar volcano. <i>Icarus</i> , 2016, 273, 248-261.	2.5	25
38	Evolution of lunar polar ice stability. <i>Icarus</i> , 2015, 255, 78-87.	2.5	72
39	An analytic function of lunar surface temperature for exospheric modeling. <i>Icarus</i> , 2015, 255, 159-163.	2.5	40
40	Geological and hydrological histories of the Argyre province, Mars. <i>Icarus</i> , 2015, 253, 66-98.	2.5	24
41	Evidence for exposed water ice in the Moon's south polar regions from Lunar Reconnaissance Orbiter ultraviolet albedo and temperature measurements. <i>Icarus</i> , 2015, 255, 58-69.	2.5	188
42	Lunar surface roughness derived from LRO Diviner Radiometer observations. <i>Icarus</i> , 2015, 248, 357-372.	2.5	92
43	Low palaeopressure of the martian atmosphere estimated from the size distribution of ancient craters. <i>Nature Geoscience</i> , 2014, 7, 335-339.	12.9	88
44	The production of small primary craters on Mars and the Moon. <i>Icarus</i> , 2014, 235, 23-36.	2.5	61
45	Is Earth-based scaling a valid procedure for calculating heat flows for Mars?. <i>Icarus</i> , 2013, 226, 536-540.	2.5	0
46	Orbital eccentricity driven temperature variation at Mercury's poles. <i>Journal of Geophysical Research E: Planets</i> , 2013, 118, 930-937.	3.6	17
47	The South Pole-Aitken basin region, Moon: GIS-based geologic investigation using Kaguya elemental information. <i>Advances in Space Research</i> , 2012, 50, 1629-1637.	2.6	4
48	Lunar equatorial surface temperatures and regolith properties from the Diviner Lunar Radiometer Experiment. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	229
49	Depth of faulting and ancient heat flows in the Kuiper region of Mercury from lobate scarp topography. <i>Planetary and Space Science</i> , 2012, 60, 193-198.	1.7	25
50	Insolation driven variations of Mercury's lithospheric strength. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	27
51	The Mairan domes: Silicic volcanic constructs on the Moon. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	70
52	The thermal evolution of Mars as constrained by paleo-heat flows. <i>Icarus</i> , 2011, 215, 508-517.	2.5	69
53	An inventory of potentially habitable environments on Mars: Geological and biological perspectives. , 2011, , .		11
54	New evidence for a magmatic influence on the origin of Valles Marineris, Mars. <i>Journal of Volcanology and Geothermal Research</i> , 2009, 185, 12-27.	2.1	31

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55	Claritas rise, Mars: Pre-Tharsis magmatism?. Journal of Volcanology and Geothermal Research, 2009, 185, 139-156.	2.1	66
56	Ancient heat flow and crustal thickness at Warrego rise, Thaumasia highlands, Mars: Implications for a stratified crust. Icarus, 2009, 203, 47-57.	2.5	28
57	Recent geological and hydrological activity on Mars: The Tharsis/Elysium corridor. Planetary and Space Science, 2008, 56, 985-1013.	1.7	92
58	The formation of Tharsis on Mars: What the lineâ€ofâ€sight gravity is telling us. Journal of Geophysical Research, 2008, 113, .	3.3	25
59	Powering Mercury's dynamo. Geophysical Research Letters, 2007, 34, .	4.0	24
60	Possible ancient giant basin and related water enrichment in the Arabia Terra province, Mars. Icarus, 2007, 190, 74-92.	2.5	39
61	Thermal evolution of the Martian core: Implications for an early dynamo. Geology, 2004, 32, 97.	4.4	132
62	Layering in the wall rock of Valles Marineris: intrusive and extrusive magmatism. Geophysical Research Letters, 2003, 30, .	4.0	34
63	Acoustic environment of the Martian surface. Journal of Geophysical Research, 2001, 106, 5033-5041.	3.3	48
64	Surface properties of Mars' polar layered deposits and polar landing sites. Journal of Geophysical Research, 2000, 105, 6961-6969.	3.3	41