

Carolyn H Van Der Bogert

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,837
citations

331670

21
h-index

315739

38
g-index

50
all docs

50
docs citations

50
times ranked

1221
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for basaltic volcanism on the Moon within the past 100 million years. <i>Nature Geoscience</i> , 2014, 7, 787-791.	12.9	147
2	How old are young lunar craters?. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	138
3	Evidence of Recent Thrust Faulting on the Moon Revealed by the Lunar Reconnaissance Orbiter Camera. <i>Science</i> , 2010, 329, 936-940.	12.6	135
4	Possible lunar lava tube skylight observed by SELENE cameras. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	134
5	Confirmation of sublunarean voids and thin layering in mare deposits. <i>Planetary and Space Science</i> , 2012, 69, 18-27.	1.7	129
6	Non-mare silicic volcanism on the lunar farside at Comptonâ€™Belkovich. <i>Nature Geoscience</i> , 2011, 4, 566-571.	12.9	114
7	China's Chang'e-5 landing site: Geology, stratigraphy, and provenance of materials. <i>Earth and Planetary Science Letters</i> , 2021, 561, 116855.	4.4	99
8	New insight into lunar impact melt mobility from the LRO camera. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	94
9	Young lunar mare basalts in the Chang'e-5 sample return region, northern Oceanus Procellarum. <i>Earth and Planetary Science Letters</i> , 2021, 555, 116702.	4.4	88
10	Crater density differences: Exploring regional resurfacing, secondary crater populations, and crater saturation equilibrium on the moon. <i>Planetary and Space Science</i> , 2018, 162, 41-51.	1.7	64
11	Lunar farside volcanism in and around the South Poleâ€™Aitken basin. <i>Icarus</i> , 2018, 299, 538-562.	2.5	61
12	Evidence for self-secondary cratering of Copernican-age continuous ejecta deposits on the Moon. <i>Icarus</i> , 2017, 298, 64-77.	2.5	55
13	Origin of discrepancies between crater size-frequency distributions of coeval lunar geologic units via target property contrasts. <i>Icarus</i> , 2017, 298, 49-63.	2.5	50
14	Ancient Bombardment of the Inner Solar System: Reinvestigation of the â€™Fingerprintsâ€™ of Different Impactor Populations on the Lunar Surface. <i>Journal of Geophysical Research E: Planets</i> , 2018, 123, 748-762.	3.6	47
15	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
16	Small-scale lunar farside volcanism. <i>Icarus</i> , 2015, 257, 336-354.	2.5	44
17	Spectral properties of simulated impact glasses produced from martian soil analogue JSC Mars-1. <i>Icarus</i> , 2009, 202, 336-353.	2.5	40
18	Geology of the King crater region: New insights into impact melt dynamics on the Moon. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	39

#	ARTICLE	IF	CITATIONS
19	How old are lunar lobate scarps? 1. Seismic resetting of crater size-frequency distributions. <i>Icarus</i> , 2018, 306, 225-242.	2.5	39
20	Geomorphologic mapping of the lunar crater Tycho and its impact melt deposits. <i>Icarus</i> , 2016, 273, 164-181.	2.5	33
21	The Lassell massif—A silicic lunar volcano. <i>Icarus</i> , 2016, 273, 248-261.	2.5	25
22	Investigation of newly discovered lobate scarps: Implications for the tectonic and thermal evolution of the Moon. <i>Icarus</i> , 2017, 298, 78-88.	2.5	22
23	The age of lunar mare basalts south of the Aristarchus Plateau and effects of secondary craters formed by the Aristarchus event. <i>Icarus</i> , 2018, 309, 45-60.	2.5	20
24	Landing site selection for Luna-Glob mission in crater Boguslawsky. <i>Planetary and Space Science</i> , 2015, 117, 45-63.	1.7	19
25	Troctolite 76535: A sample of the Moon's South Pole-Aitken basin?. <i>Icarus</i> , 2020, 338, 113430.	2.5	19
26	Crater size-frequency distribution measurements and age of the Compton—Belkovich Volcanic Complex. <i>Icarus</i> , 2016, 273, 214-223.	2.5	16
27	A New Tool to Account for Crater Obliteration Effects in Crater Size—Frequency Distribution Measurements. <i>Earth and Space Science</i> , 2018, 5, 258-267.	2.6	15
28	Geological mapping and chronology of lunar landing sites: Apollo 11. <i>Icarus</i> , 2019, 333, 528-547.	2.5	14
29	Geological mapping and chronology of lunar landing sites: Apollo 12. <i>Icarus</i> , 2020, 352, 113991.	2.5	14
30	Length-displacement scaling of thrust faults on the Moon and the formation of uphill-facing scarps. <i>Icarus</i> , 2017, 292, 111-124.	2.5	13
31	An exceptional grouping of lunar highland smooth plains: Geography, morphology, and possible origins. <i>Icarus</i> , 2016, 273, 121-134.	2.5	12
32	Impact Melt Facies in the Moon's Crisium Basin: Identifying, Characterizing, and Future Radiogenic Dating. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2019JE006024.	3.6	12
33	Degradation of Small Simple and Large Complex Lunar Craters: Not a Simple Scale Dependence. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2019JE006273.	3.6	10
34	Re-examination of the Population, Stratigraphy, and Sequence of Mercurian Basins: Implications for Mercury's Early Impact History and Comparison With the Moon. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2019JE006212.	3.6	9
35	The Inner Solar System Chronology (ISOCHRON) Lunar Sample Return Mission Concept: Revealing Two Billion Years of History. <i>Planetary Science Journal</i> , 2021, 2, 79.	3.6	8
36	In Situ Geochronology for the Next Decade: Mission Designs for the Moon, Mars, and Vesta. <i>Planetary Science Journal</i> , 2021, 2, 145.	3.6	6

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37	Studying the Global Spatial Randomness of Impact Craters on Mercury, Venus, and the Moon With Geodesic Neighborhood Relationships. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2020JE006693.	3.6	4
38	Boulder Track. , 2014, , 1-8.		1
39	Science-rich Sites for In Situ Resource Utilization Characterization and End-to-end Demonstration Missions. <i>Planetary Science Journal</i> , 2021, 2, 84.	3.6	1
40	Boulder Track. , 2015, , 163-169.		1
41	Lava Tube. , 2014, , 1-7.		1
42	Skylight. , 2014, , 1-7.		0
43	Pit Crater. , 2014, , 1-7.		0
44	Lobate Scarp. , 2014, , 1-11.		0
45	Impact Melt Pond. , 2014, , 1-13.		0
46	Skylight. , 2015, , 1-7.		0
47	Pit Crater. , 2015, , 1-8.		0
48	Impact Melt Pond. , 2015, , 978-988.		0
49	Pit Crater. , 2015, , 1570-1575.		0