

# Robert R Herrick

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,080  
citations

623574

14  
h-index

752573

20  
g-index

30  
all docs

30  
docs citations

30  
times ranked

778  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact craters and Venus resurfacing history. <i>Journal of Geophysical Research</i> , 1992, 97, 15923-15948.	3.3	303
2	The variability of crater identification among expert and community crater analysts. <i>Icarus</i> , 2014, 234, 109-131.	1.1	135
3	Postimpact modification by volcanic or tectonic processes as the rule, not the exception, for Venusian craters. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	87
4	Resurfacing history of Venus. <i>Geology</i> , 1994, 22, 703.	2.0	82
5	Implications of a Global Survey of Venusian Impact Craters. <i>Icarus</i> , 1994, 111, 387-416.	1.1	70
6	The shape and appearance of craters formed by oblique impact on the Moon and Venus. <i>Meteoritics and Planetary Science</i> , 2003, 38, 1551-1578.	0.7	67
7	The planforms of low-angle impact craters in the northern hemisphere of Mars. <i>Meteoritics and Planetary Science</i> , 2006, 41, 1483-1495.	0.7	52
8	Implications from stereo-derived topography of Venusian impact craters. <i>Journal of Geophysical Research</i> , 2000, 105, 20245-20262.	3.3	51
9	Geological correlations with the interior density structure of Venus. <i>Journal of Geophysical Research</i> , 1992, 97, 16017-16034.	3.3	45
10	Fine-scale Venusian topography from Magellan stereo data. <i>Eos</i> , 2012, 93, 125-126.	0.1	34
11	Effects of the Venusian Atmosphere on Incoming Meteoroids and the Impact Crater Population. <i>Icarus</i> , 1994, 112, 253-281.	1.1	28
12	Evolution of large shield volcanoes on Venus. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	26
13	Small mantle upwellings are pervasive on Venus and Earth. <i>Geophysical Research Letters</i> , 1999, 26, 803-806.	1.5	25
14	New constraints on volcano-tectonic evolution of large volcanic edifices on Venus from stereo topography-derived strain estimates. <i>Geology</i> , 2014, 42, 59-62.	2.0	15
15	Geologic history of the Mead impact basin, Venus. <i>Geology</i> , 1996, 24, 11.	2.0	13
16	Inversion of crater morphometric data to gain insight on the cratering process. <i>Meteoritics and Planetary Science</i> , 1998, 33, 131-143.	0.7	12
17	Comment on "The global resurfacing of Venus" by R. G. Strom, G. G. Schaber, and D. D. Dawson. <i>Journal of Geophysical Research</i> , 1995, 100, 23355.	3.3	11
18	Investigating target versus impactor influences on Martian crater morphology at the simple-complex transition. <i>Meteoritics and Planetary Science</i> , 2017, 52, 1722-1743.	0.7	11

#	ARTICLE	IF	CITATIONS
19	Kunhild and Ereshkigal, an extinct hot-spot region on Venus. Geophysical Research Letters, 2000, 27, 839-842.	1.5	8
20	Surveys of elliptical crater populations on the saturnian satellites, Mercury, and Mars. Icarus, 2012, 220, 297-304.	1.1	4
21	Elliptical Crater (Oblique Impact). , 2014, , 1-6.		1
22	Butterfly Ejecta. , 2014, , 1-6.		0
23	Ricochet Crater. , 2015, , 1773-1775.		0
24	Ricochet Crater. , 2014, , 1-2.		0
25	Uprange Forbidden Zone. , 2014, , 1-4.		0
26	Offset Ejecta. , 2014, , 1-4.		0
27	Butterfly Ejecta. , 2015, , 192-195.		0
28	Uprange Forbidden Zone. , 2015, , 2222-2224.		0
29	Elliptical Crater (Oblique Impact). , 2015, , 696-699.		0
30	Offset Ejecta. , 2015, , 1479-1481.		0