

# Virginia C Gulick

## List of Publications by Year in descending order

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21  
papers

3,020  
citations

567144

15  
h-index

794469

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

2164  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Morphologies in a Mars-Analog Ca-Sulfate Salar, High Andes, Northern Chile. <i>Frontiers in Astronomy and Space Sciences</i> , 2022, 8, .	1.1	6
2	A Multilayer Perceptron for Obtaining Quick Parameter Estimations of Cool Exoplanets from Geometric Albedo Spectra. <i>Publications of the Astronomical Society of the Pacific</i> , 2020, 132, 044502.	1.0	6
3	Geomorphological analysis of gullies on the central peak of Lyot Crater, Mars. <i>Geological Society Special Publication</i> , 2019, 467, 233-265.	0.8	9
4	Paleolakes of Northeast Hellas: Precipitation, Groundwater-Fed, and Fluvial Lakes in the Navuaâ€œHadriacusâ€œAusonia Region, Mars. <i>Astrobiology</i> , 2018, 18, 1435-1459.	1.5	15
5	Late Amazonianâ€œAged Channel and Island Systems Located East of Olympus Mons, Mars. , 2018, , 121-154.		5
6	Fluvial geomorphology on Earth-like planetary surfaces: A review. <i>Geomorphology</i> , 2015, 245, 149-182.	1.1	70
7	Evidence for Middle Amazonian catastrophic flooding and glaciation on Mars. <i>Icarus</i> , 2014, 242, 202-210.	1.1	22
8	An automated mineral classifier using Raman spectra. <i>Computers and Geosciences</i> , 2013, 54, 259-268.	2.0	55
9	Seasonal Flows on Warm Martian Slopes. <i>Science</i> , 2011, 333, 740-743.	6.0	451
10	The High Resolution Imaging Science Experiment (HiRISE) during MROâ€™s Primary Science Phase (PSP). <i>Icarus</i> , 2010, 205, 2-37.	1.1	153
11	High Resolution Imaging Science Experiment (HiRISE) observations of glacial and periglacial morphologies in the circumâ€œArgyre Planitia highlands, Mars. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	34
12	Mars Reconnaissance Orbiter's High Resolution Imaging Science Experiment (HiRISE). <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	1,253
13	Plausibility of the â€œWhite Marsâ€œ-hypothesis based upon the thermal nature of the Martian subsurface. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	5
14	Autonomous image analyses during the 1999 Marsokhod rover field test. <i>Journal of Geophysical Research</i> , 2001, 106, 7745-7763.	3.3	59
15	Valley networks on Venus. <i>Geomorphology</i> , 2001, 37, 225-240.	1.1	26
16	Origin of the valley networks on Mars: a hydrological perspective. <i>Geomorphology</i> , 2001, 37, 241-268.	1.1	167
17	Volcanism and Ice Interactions on Earth and Mars. , 2000, , 39-73.		30
18	Magmatic intrusions and a hydrothermal origin for fluvial valleys on Mars. <i>Journal of Geophysical Research</i> , 1998, 103, 19365-19387.	3.3	186

#	ARTICLE	IF	CITATIONS
19	Venusian Channels and Valleys: Distribution and Volcanological Implications. <i>Icarus</i> , 1993, 102, 1-25.	1.1	100
20	Origin and evolution of valleys on Martian volcanoes. <i>Journal of Geophysical Research</i> , 1990, 95, 14325-14344.	3.3	215
21	Fluvial valleys and martian palaeoclimates. <i>Nature</i> , 1989, 341, 514-516.	13.7	153