

Cynthia B Phillips

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,432
citations

236925

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526287

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32
all docs

32
docs citations

32
times ranked

1610
citing authors

#	ARTICLE	IF	CITATIONS
1	Science Goals and Mission Architecture of the Europa Lander Mission Concept. Planetary Science Journal, 2022, 3, 22.	3.6	42
2	A roadmap for planetary caves science and exploration. Nature Astronomy, 2021, 5, 524-525.	10.1	19
3	Impact gardening on Europa and repercussions for possible biosignatures. Nature Astronomy, 2021, 5, 951-956.	10.1	7
4	Enabling Onboard Detection of Events of Scientific Interest for the Europa Clipper Spacecraft. , 2019, , .		11
5	SPARROW: A Steam Propelled Autonomous Retrieval Robot for Ocean Worlds. , 2019, , .		2
6	The Microstructural Evolution of Water Ice in the Solar System Through Sintering. Journal of Geophysical Research E: Planets, 2019, 124, 243-277.	3.6	30
7	The NASA Roadmap to Ocean Worlds. Astrobiology, 2019, 19, 1-27.	3.0	209
8	Europa Clipper Mission Concept: Exploring Jupiter's Ocean Moon. Eos, 2014, 95, 165-167.	0.1	123
9	Flexure on Dione: Investigating subsurface structure and thermal history. Icarus, 2013, 223, 418-422.	2.5	29
10	Fluvial network analysis on Titan: Evidence for subsurface structures and west-to-east wind flow, southwestern Xanadu. Geophysical Research Letters, 2009, 36, .	4.0	51
11	Mass movement within a slope streak on Mars. Geophysical Research Letters, 2007, 34, .	4.0	36
12	Surface changes on Io during the Galileo mission. Icarus, 2004, 169, 29-64.	2.5	81
13	The final Galileo SSI observations of Io: orbits G28-I33. Icarus, 2004, 169, 3-28.	2.5	56
14	Europa as an abode of life. Origins of Life and Evolution of Biospheres, 2002, 32, 47-67.	1.9	144
15	Mountains on Io: High-resolution Galileo observations, initial interpretations, and formation models. Journal of Geophysical Research, 2001, 106, 33175-33199.	3.3	56
16	Thermal signature, eruption style, and eruption evolution at Pele and Pillan on Io. Journal of Geophysical Research, 2001, 106, 33079-33103.	3.3	121
17	Galileo imaging of SO2 frosts on Io. Journal of Geophysical Research, 2001, 106, 33253-33266.	3.3	32
18	Imaging of volcanic activity on Jupiter's moon Io by Galileo during the Galileo Europa Mission and the Galileo Millennium Mission. Journal of Geophysical Research, 2001, 106, 33025-33052.	3.3	118

#	ARTICLE	IF	CITATIONS
19	Impact Features on Europa: Results of the Galileo Europa Mission (GEM). <i>Icarus</i> , 2001, 151, 93-111.	2.5	92
20	Possible ecosystems and the search for life on Europa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 801-804.	7.1	237
21	Europa: Prospects for an Ocean and Life. , 2001, , 27-34.		1
22	Galileo at Io: Results from High-Resolution Imaging. <i>Science</i> , 2000, 288, 1193-1198.	12.6	120
23	The search for current geologic activity on Europa. <i>Journal of Geophysical Research</i> , 2000, 105, 22579-22597.	3.3	54
24	Distribution of strike-slip faults on Europa. <i>Journal of Geophysical Research</i> , 2000, 105, 22617-22627.	3.3	47
25	Does Europa have a subsurface ocean? Evaluation of the geological evidence. <i>Journal of Geophysical Research</i> , 1999, 104, 24015-24055.	3.3	363
26	Multispectral Terrain Analysis of Europa from Galileo Images. <i>Icarus</i> , 1998, 135, 95-106.	2.5	28
27	Large Impact Features on Europa: Results of the Galileo Nominal Mission. <i>Icarus</i> , 1998, 135, 127-145.	2.5	110
28	Galileo Observations of Europa's Opposition Effect. <i>Icarus</i> , 1998, 135, 41-63.	2.5	69
29	Evolution of Lineaments on Europa: Clues from Galileo Multispectral Imaging Observations. <i>Icarus</i> , 1998, 135, 107-126.	2.5	104
30	The Control Networks of the Galilean Satellites and Implications for Global Shape. <i>Icarus</i> , 1998, 135, 372-376.	2.5	40