

Pascal Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11835779/publications.pdf>

Version: 2024-02-01

41
papers

1,426
citations

361413

20
h-index

361022

35
g-index

41
all docs

41
docs citations

41
times ranked

1313
citing authors

#	ARTICLE	IF	CITATIONS
1	Dust Levitation on Asteroids. <i>Icarus</i> , 1996, 124, 181-194.	2.5	150
2	Impact-induced microbial endolithic habitats. <i>Meteoritics and Planetary Science</i> , 2002, 37, 1287-1298.	1.6	130
3	Impact-induced hydrothermal activity within the Houghton impact structure, arctic Canada: Generation of a transient, warm, wet oasis. <i>Meteoritics and Planetary Science</i> , 2001, 36, 731-745.	1.6	127
4	The biology of impact craters – a review. <i>Biological Reviews</i> , 2002, 77, 279-310.	10.4	98
5	A case study of impact-induced hydrothermal activity: The Houghton impact structure, Devon Island, Canadian High Arctic. <i>Meteoritics and Planetary Science</i> , 2005, 40, 1859-1877.	1.6	82
6	Geological overview and cratering model for the Houghton impact structure, Devon Island, Canadian High Arctic. <i>Meteoritics and Planetary Science</i> , 2005, 40, 1759-1776.	1.6	74
7	Ejecta Blocks on 243 Ida and on Other Asteroids. <i>Icarus</i> , 1996, 120, 87-105.	2.5	67
8	Interplanetary Transfer of Photosynthesis: An Experimental Demonstration of A Selective Dispersal Filter in Planetary Island Biogeography. <i>Astrobiology</i> , 2007, 7, 1-9.	3.0	66
9	Impactites of the Houghton impact structure, Devon Island, Canadian High Arctic. <i>Meteoritics and Planetary Science</i> , 2005, 40, 1789-1812.	1.6	46
10	The Impact Crater as a Habitat: Effects of Impact Processing of Target Materials. <i>Astrobiology</i> , 2003, 3, 181-191.	3.0	44
11	Effects of asteroid and comet impacts on habitats for lithophytic organisms-A synthesis. <i>Meteoritics and Planetary Science</i> , 2005, 40, 1901-1914.	1.6	41
12	Sulfur isotope signatures for rapid colonization of an impact crater by thermophilic microbes. <i>Geology</i> , 2010, 38, 271-274.	4.4	39
13	Exposure of Arctic Field Scientists to Ultraviolet Radiation Evaluated Using Personal Dosimeters. <i>Photochemistry and Photobiology</i> , 2001, 74, 570.	2.5	37
14	The Houghton-Mars Project: Overview of science investigations at the Houghton impact structure and surrounding terrains, and relevance to planetary studies. <i>Meteoritics and Planetary Science</i> , 2005, 40, 1755-1758.	1.6	34
15	Re-evaluating the age of the Houghton impact event. <i>Meteoritics and Planetary Science</i> , 2005, 40, 1777-1787.	1.6	34
16	Thermal alteration of organic matter in an impact crater and the duration of postimpact heating. <i>Geology</i> , 2005, 33, 373.	4.4	33
17	Impact thermochronology and the age of Houghton impact structure, Canada. <i>Geophysical Research Letters</i> , 2013, 40, 3836-3840.	4.0	31
18	Organic geochemistry of impactites from the Houghton impact structure, Devon Island, Nunavut, Canada. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 1800-1819.	3.9	26

#	ARTICLE	IF	CITATIONS
19	Assessment of robotic recon for human exploration of the Moon. <i>Acta Astronautica</i> , 2010, 67, 1176-1188.	3.2	26
20	Dust at the Martian moons and in the circummartian space. <i>Planetary and Space Science</i> , 2014, 102, 171-175.	1.7	23
21	Intra-crater sedimentary deposits at the Houghton impact structure, Devon Island, Canadian High Arctic. <i>Meteoritics and Planetary Science</i> , 2005, 40, 1887-1899.	1.6	20
22	Immune system changes during simulated planetary exploration on Devon Island, high arctic. <i>BMC Immunology</i> , 2007, 8, 7.	2.2	20
23	Anomalous-scattering region on Triton. <i>Icarus</i> , 1992, 99, 82-97.	2.5	19
24	Heterotrophic microbial colonization of the interior of impact-shocked rocks from Houghton impact structure, Devon Island, Nunavut, Canadian High Arctic. <i>International Journal of Astrobiology</i> , 2002, 1, 311-323.	1.6	19
25	Microbiology and Vegetation of Micro-oases and Polar Desert, Houghton Impact Crater, Devon Island, Nunavut, Canada. <i>Arctic, Antarctic, and Alpine Research</i> , 2001, 33, 306-318.	1.1	18
26	Microbiology and Vegetation of Micro-Oases and Polar Desert, Houghton Impact Crater, Devon Island, Nunavut, Canada. <i>Arctic, Antarctic, and Alpine Research</i> , 2001, 33, 306.	1.1	18
27	Field Testing of Utility Robots for Lunar Surface Operations. , 2008, , .		16
28	Spaceborne visible and thermal infrared lithologic mapping of impact-exposed subsurface lithologies at the Houghton impact structure, Devon Island, Canadian High Arctic: Applications to Mars. <i>Meteoritics and Planetary Science</i> , 2005, 40, 1835-1858.	1.6	14
29	Permeability data for impact breccias imply focussed hydrothermal fluid flow. <i>Journal of Geochemical Exploration</i> , 2010, 106, 171-175.	3.2	13
30	The transfer of organic signatures from bedrock to sediment. <i>Chemical Geology</i> , 2008, 247, 242-252.	3.3	10
31	Requirements and Potential for Enhanced EVA Information Interfaces. , 0, , .		8
32	Preservation of Biological Markers in Clasts Within Impact Melt Breccias from the Houghton Impact Structure, Devon Island. <i>Astrobiology</i> , 2009, 9, 391-400.	3.0	7
33	Robotic Scouting for Human Exploration. , 2009, , .		7
34	Application Of Organic Geochemistry To Detect Signatures Of Organic Matter In The Houghton Impact Structure. <i>Meteoritics and Planetary Science</i> , 2005, 40, 1879-1885.	1.6	6
35	Evidence for life in the isotopic analysis of surface sulphates in the Houghton impact structure, and potential application on Mars. <i>International Journal of Astrobiology</i> , 2012, 11, 93-101.	1.6	6
36	On the global gravitational instanton and soliton that are homotopy spheres. <i>Journal of Mathematical Physics</i> , 1991, 32, 2869-2874.	1.1	4

#	ARTICLE	IF	CITATIONS
37	Field geology on the Moon: Some lessons learned from the exploration of the Haughton impact structure, Devon Island, Canadian High Arctic. Planetary and Space Science, 2010, 58, 646-657.	1.7	4
38	Search for glazed surfaces on Triton. Journal of Geophysical Research, 1991, 96, 19231-19239.	3.3	3
39	Geomicrobiology of Impact-Altered Rocks. , 2006, , 21-40.		3
40	Evolutionary Development of Exploration EVA Systems Design and Operations Through Analog Field Tests: Lessons from the NASA Haughton-Mars Project, 2008-2010. , 2011, , .		2
41	Other analogs to Mars: high-altitude, subsurface, desert, and polar environments. , 2010, , 258-305.		1