

Laszlo Keszthelyi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11114938/publications.pdf>

Version: 2024-02-01

29
papers

3,437
citations

279701

23
h-index

526166

27
g-index

29
all docs

29
docs citations

29
times ranked

2169
citing authors

#	ARTICLE	IF	CITATIONS
1	Mars Reconnaissance Orbiter's High Resolution Imaging Science Experiment (HiRISE). <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	1,253
2	Active Volcanism on Io as Seen by Galileo SSI. <i>Icarus</i> , 1998, 135, 181-219.	1.1	178
3	Calculation of lava effusion rates from Landsat TM data. <i>Bulletin of Volcanology</i> , 1998, 60, 52-71.	1.1	168
4	The High Resolution Imaging Science Experiment (HiRISE) during MRO's Primary Science Phase (PSP). <i>Icarus</i> , 2010, 205, 2-37.	1.1	153
5	The initial cooling of pahoehoe flow lobes. <i>Bulletin of Volcanology</i> , 1996, 58, 5-18.	1.1	149
6	Emplacement of Continental Flood Basalt Lava Flows. <i>Geophysical Monograph Series</i> , 0, , 381-410.	0.1	132
7	Icelandic analogs to Martian flood lavas. <i>Geochemistry, Geophysics, Geosystems</i> , 2004, 5, n/a-n/a.	1.0	131
8	A preliminary thermal budget for lava tubes on the Earth and planets. <i>Journal of Geophysical Research</i> , 1995, 100, 20411-20420.	3.3	126
9	High Resolution Imaging Science Experiment (HiRISE) images of volcanic terrains from the first 6 months of the Mars Reconnaissance Orbiter Primary Science Phase. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	105
10	Pitted cones and domes on Mars: Observations in Acidalia Planitia and Cydonia Mensae using MOC, THEMIS, and TES data. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	99
11	Flood lavas on Earth, Io and Mars. <i>Journal of the Geological Society</i> , 2006, 163, 253-264.	0.9	96
12	Prometheus: Io's Wandering Plume. <i>Science</i> , 2000, 288, 1204-1208.	6.0	94
13	Color imaging of Mars by the High Resolution Imaging Science Experiment (HiRISE). <i>Icarus</i> , 2010, 205, 38-52.	1.1	89
14	Surface changes on Io during the Galileo mission. <i>Icarus</i> , 2004, 169, 29-64.	1.1	81
15	New estimates for Io eruption temperatures: Implications for the interior. <i>Icarus</i> , 2007, 192, 491-502.	1.1	81
16	A post-Galileo view of Io's interior. <i>Icarus</i> , 2004, 169, 271-286.	1.1	66
17	Magmatic Differentiation of Io. <i>Icarus</i> , 1997, 130, 437-448.	1.1	63
18	High-temperature hot spots on Io as Seen by the Galileo solid state imaging (SSI) Experiment. <i>Geophysical Research Letters</i> , 1997, 24, 2443-2446.	1.5	61

#	ARTICLE	IF	CITATIONS
19	Temperature and area constraints of the South Volund Volcano on Io from the NIMS and SSI instruments during the Galileo G1 orbit. <i>Geophysical Research Letters</i> , 1997, 24, 2447-2450.	1.5	50
20	Observations of the effect of wind on the cooling of active lava flows. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	50
21	Calculated effect of vesicles on the thermal properties of cooling basaltic lava flows. <i>Journal of Volcanology and Geothermal Research</i> , 1994, 63, 257-266.	0.8	46
22	Measurements of the cooling at the base of Pahoehoe Flows. <i>Geophysical Research Letters</i> , 1995, 22, 2195-2198.	1.5	38
23	High Resolution Imaging Science Experiment (HiRISE) observations of glacial and periglacial morphologies in the circum-Argyre Planitia highlands, Mars. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	34
24	The heartbeat of the volcano: The discovery of episodic activity at Prometheus on Io. <i>Icarus</i> , 2006, 184, 460-477.	1.1	29
25	Estimating eruption temperature from thermal emission spectra of lava fountain activity in the Erta'Ale (Ethiopia) volcano lava lake: Implications for observing Io's volcanoes. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	22
26	Extreme volcanism on Io: Latest insights at the end of Galileo era. <i>Eos</i> , 2003, 84, 313.	0.1	21
27	Extreme Volcanism on Jupiter's Moon Io. , 2000, , 179-205.		9
28	Observing Outer Planet Satellites (Except Titan) with the James Webb Space Telescope: Science Justification and Observational Requirements. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 018006.	1.0	7
29	Lava-water interaction and hydrothermal activity within the 2014-2015 Holuhraun Lava Flow Field, Iceland. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 408, 107100.	0.8	6