

# Lujendra Ojha

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

2,097  
citations

430754

18  
h-index

414303

32  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1772  
citing authors

#	ARTICLE	IF	CITATIONS
1	InSight Constraints on the Global Character of the Martian Crust. <i>Journal of Geophysical Research E: Planets</i> , 2022, 127, .	1.5	45
2	Revealing Active Mars with HiRISE Digital Terrain Models. <i>Remote Sensing</i> , 2022, 14, 2403.	1.8	11
3	The History of Water in Martian Magmas From Thorium Maps. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	7
4	Revisiting subglacial hydrology as an origin for Mars' valley networks. <i>Earth and Planetary Science Letters</i> , 2022, 594, 117699.	1.8	3
5	Martian Mantle Heat Flow Estimate From the Lack of Lithospheric Flexure in the South Pole of Mars: Implications for Planetary Evolution and Basal Melting. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091409.	1.5	18
6	Amagmatic hydrothermal systems on Mars from radiogenic heat. <i>Nature Communications</i> , 2021, 12, 1754.	5.8	21
7	Widespread Exposures of Extensive Clean Shallow Ice in the Midlatitudes of Mars. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2020JE006617.	1.5	29
8	Physical models and predictions for recurring slope lineae formed by wet and dry processes.. <i>Icarus</i> , 2020, 335, 113385.	1.1	16
9	Groundwater production from geothermal heating on early Mars and implication for early martian habitability. <i>Science Advances</i> , 2020, 6, .	4.7	13
10	Monitoring of Dust Devil Tracks Around the InSight Landing Site, Mars, and Comparison With In Situ Atmospheric Data. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087234.	1.5	30
11	Millennial-scale denudation rates in the Himalaya of Far Western Nepal. <i>Earth Surface Dynamics</i> , 2019, 7, 969-987.	1.0	4
12	Atmospheric injection of sulfur from the Medusae Fossae forming events. <i>Planetary and Space Science</i> , 2019, 179, 104734.	0.9	8
13	Compositional Constraints on the North Polar Cap of Mars from Gravity and Topography. <i>Geophysical Research Letters</i> , 2019, 46, 8671-8679.	1.5	13
14	Depletion of Heat Producing Elements in the Martian Mantle. <i>Geophysical Research Letters</i> , 2019, 46, 12756-12763.	1.5	9
15	Contrasting Regional Soil Alteration Across the Topographic Dichotomy of Mars. <i>Geophysical Research Letters</i> , 2019, 46, 13668-13677.	1.5	8
16	Exposed subsurface ice sheets in the Martian mid-latitudes. <i>Science</i> , 2018, 359, 199-201.	6.0	174
17	The Density of the Medusae Fossae Formation: Implications for its Composition, Origin, and Importance in Martian History. <i>Journal of Geophysical Research E: Planets</i> , 2018, 123, 1368-1379.	1.5	31
18	The Medusae Fossae Formation as the single largest source of dust on Mars. <i>Nature Communications</i> , 2018, 9, 2867.	5.8	29

#	ARTICLE	IF	CITATIONS
19	Seasonal Slumps in Juventae Chasma, Mars. <i>Journal of Geophysical Research E: Planets</i> , 2017, 122, 2193-2214.	1.5	14
20	Transport processes induced by metastable boiling water under Martian surface conditions. <i>Nature Geoscience</i> , 2016, 9, 425-428.	5.4	65
21	Geologic context of recurring slope lineae in Melas and Coprates Chasmata, Mars. <i>Journal of Geophysical Research E: Planets</i> , 2016, 121, 1204-1231.	1.5	56
22	Small edifice features in Chryse Planitia, Mars: Assessment of a mud volcano hypothesis. <i>Icarus</i> , 2016, 268, 56-75.	1.1	43
23	The association of hydrogen with sulfur on Mars across latitudes, longitudes, and compositional extremes. <i>Journal of Geophysical Research E: Planets</i> , 2016, 121, 1321-1341.	1.5	9
24	Spectral evidence for hydrated salts in recurring slope lineae on Mars. <i>Nature Geoscience</i> , 2015, 8, 829-832.	5.4	513
25	Sulfates hydrating bulk soil in the Martian low and middle latitudes. <i>Geophysical Research Letters</i> , 2014, 41, 7987-7996.	1.5	35
26	Recurring slope lineae in equatorial regions of Mars. <i>Nature Geoscience</i> , 2014, 7, 53-58.	5.4	248
27	HiRISE observations of Recurring Slope Lineae (RSL) during southern summer on Mars. <i>Icarus</i> , 2014, 231, 365-376.	1.1	90
28	Spectral constraints on the formation mechanism of recurring slope lineae. <i>Geophysical Research Letters</i> , 2013, 40, 5621-5626.	1.5	33
29	Seismicity and the strange rubbing boulders of the Atacama Desert, northern Chile. <i>Geology</i> , 2012, 40, 851-854.	2.0	20
30	Comparisons of Triggered Tremor in California. <i>Bulletin of the Seismological Society of America</i> , 2012, 102, 900-908.	1.1	29
31	Layered MegaBlocks in the central uplifts of impact craters. <i>Icarus</i> , 2012, 221, 710-720.	1.1	22
32	Seasonal Flows on Warm Martian Slopes. <i>Science</i> , 2011, 333, 740-743.	6.0	451