

Dorothy Z Oehler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8916508/publications.pdf>

Version: 2024-02-01

13
papers

573
citations

1040056

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h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

777
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for pervasive mud volcanism in Acidalia Planitia, Mars. <i>Icarus</i> , 2010, 208, 636-657.	2.5	135
2	Low Upper Limit to Methane Abundance on Mars. <i>Science</i> , 2013, 342, 355-357.	12.6	103
3	Methane Seepage on Mars: Where to Look and Why. <i>Astrobiology</i> , 2017, 17, 1233-1264.	3.0	78
4	Giant Polygons and Mounds in the Lowlands of Mars: Signatures of an Ancient Ocean?. <i>Astrobiology</i> , 2012, 12, 601-615.	3.0	75
5	Independent confirmation of a methane spike on Mars and a source region east of Gale Crater. <i>Nature Geoscience</i> , 2019, 12, 326-332.	12.9	63
6	Methane on Mars and Habitability: Challenges and Responses. <i>Astrobiology</i> , 2018, 18, 1221-1242.	3.0	50
7	Fluid expulsion in terrestrial sedimentary basins: A process providing potential analogs for giant polygons and mounds in the martian lowlands. <i>Icarus</i> , 2013, 224, 424-432.	2.5	31
8	Methane spikes, background seasonality and non-detections on Mars: A geological perspective. <i>Planetary and Space Science</i> , 2019, 168, 52-61.	1.7	23
9	Early Archean planktonic mode of life: Implications from fluid dynamics of lenticular microfossils. <i>Geobiology</i> , 2019, 17, 113-126.	2.4	12
10	Methane on Mars: subsurface sourcing and conflicting atmospheric measurements. , 2021, , 149-174.		2
11	The Martian Atmospheric Gas Evolution (MAGE) Experiment: Off-Axis Integrated Cavity-enhanced Output Spectrometer (OA-ICOS). , 2021, 53, .		1
12	High-frequency near-surface gas measurement: an opportunity to solve puzzles in planetary atmospheric processes in Martian Methane and beyond. , 2021, 53, .		0
13	White Paper Summary of the Final Report from the Ice and Climate Evolution Science Analysis group (ICE-SAG). , 2021, 53, .		0