Alicia Neesemann

List of Publications by Year
in descending order

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21	875	516710 16	713466 21
papers	citations	h-index	g-index

21	21	21	775
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Periodic Bedrock Ridges at the ExoMars 2022 Landing Site: Evidence for a Changing Wind Regime. Geophysical Research Letters, 2021, 48, e2020GL091651.	4.0	19
2	Compositional control on impact crater formation on mid-sized planetary bodies: Dawn at Ceres and Vesta, Cassini at Saturn. Icarus, 2021, 359, 114343.	2.5	14
3	The varied sources of faculae-forming brines in Ceresâ€™ Occator crater emplaced via hydrothermal brine effusion. Nature Communications, 2020, 11, 3680.	12.8	41
4	Impact heat driven volatile redistribution at Occator crater on Ceres as a comparative planetary process. Nature Communications, 2020, 11, 3679.	12.8	19
5	Geological Evidence of Planetâ€Wide Groundwater System on Mars. Journal of Geophysical Research E: Planets, 2019, 124, 374-395.	3.6	54
6	A Global Inventory of Iceâ€Related Morphological Features on Dwarf Planet Ceres: Implications for the Evolution and Current State of the Cryosphere. Journal of Geophysical Research E: Planets, 2019, 124, 1650-1689.	3.6	33
7	The various ages of Occator crater, Ceres: Results of a comprehensive synthesis approach. Icarus, 2019, 320, 60-82.	2.5	38
8	Normal Faults on Ceres: Insights Into the Mechanical Properties and Thermal History of Nar Sulcus. Geophysical Research Letters, 2019, 46, 80-88.	4.0	7
9	Synthesis of the special issue: The formation and evolution of Ceresâ€™ Occator crater. Icarus, 2019, 320, 213-225.	2.5	17
10	Ceresâ€™ impact craters â€“ Relationships between surface composition and geology. Icarus, 2019, 318, 56-74.	2.5	11
11	Bright carbonate surfaces on Ceres as remnants of salt-rich water fountains. Icarus, 2019, 320, 39-48.	2.5	42
12	Ceresâ€™ Occator crater and its faculae explored through geologic mapping. Icarus, 2019, 320, 7-23.	2.5	25
13	Geological mapping of the Ac-10 Rongo Quadrangle of Ceres. Icarus, 2018, 316, 140-153.	2.5	16
14	The unique geomorphology and structural geology of the Haulani crater of dwarf planet Ceres as revealed by geological mapping of equatorial quadrangle Ac-6 Haulani. Icarus, 2018, 316, 84-98.	2.5	19
15	Ceresâ€™ Ezinu quadrangle: a heavily cratered region with evidence for localized subsurface water ice and the context of Occator crater. Icarus, 2018, 316, 46-62.	2.5	21
16	Ringâ€Mold Craters on Ceres: Evidence for Shallow Subsurface Water Ice Sources. Geophysical Research Letters, 2018, 45, 8121-8128.	4.0	3
17	Pitted terrains on (1) Ceres and implications for shallow subsurface volatile distribution. Geophysical Research Letters, 2017, 44, 6570-6578.	4.0	48
18	Timing of optical maturation of recently exposed material on Ceres. Geophysical Research Letters, 2016, 43, 11,987.	4.0	35

#	Article	IF	Citations
19	Planetary surface dating from crater size-frequency distribution measurements: Poisson timing analysis. Icarus, 2016, 277, 279-285.	2.5	114
20	Cryovolcanism on Ceres. Science, 2016, 353, .	12.6	164
21	Cratering on Ceres: Implications for its crust and evolution. Science, 2016, 353, .	12.6	135