

Alicia Neesemann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/812818/publications.pdf>

Version: 2024-02-01

21
papers

875
citations

516710

16
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

775
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Cryovolcanism on Ceres. <i>Science</i> , 2016, 353, . | 12.6 | 164 |
| 2 | Cratering on Ceres: Implications for its crust and evolution. <i>Science</i> , 2016, 353, . | 12.6 | 135 |
| 3 | Planetary surface dating from crater size-frequency distribution measurements: Poisson timing analysis. <i>Icarus</i> , 2016, 277, 279-285. | 2.5 | 114 |
| 4 | Geological Evidence of Planetâ€Wide Groundwater System on Mars. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 374-395. | 3.6 | 54 |
| 5 | Pitted terrains on (1) Ceres and implications for shallow subsurface volatile distribution. <i>Geophysical Research Letters</i> , 2017, 44, 6570-6578. | 4.0 | 48 |
| 6 | Bright carbonate surfaces on Ceres as remnants of salt-rich water fountains. <i>Icarus</i> , 2019, 320, 39-48. | 2.5 | 42 |
| 7 | The varied sources of faculae-forming brines in Ceresâ€™ Occator crater emplaced via hydrothermal brine effusion. <i>Nature Communications</i> , 2020, 11, 3680. | 12.8 | 41 |
| 8 | The various ages of Occator crater, Ceres: Results of a comprehensive synthesis approach. <i>Icarus</i> , 2019, 320, 60-82. | 2.5 | 38 |
| 9 | Timing of optical maturation of recently exposed material on Ceres. <i>Geophysical Research Letters</i> , 2016, 43, 11,987. | 4.0 | 35 |
| 10 | A Global Inventory of Iceâ€Related Morphological Features on Dwarf Planet Ceres: Implications for the Evolution and Current State of the Cryosphere. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 1650-1689. | 3.6 | 33 |
| 11 | Ceresâ€™ Occator crater and its faculae explored through geologic mapping. <i>Icarus</i> , 2019, 320, 7-23. | 2.5 | 25 |
| 12 | Ceresâ€™ Ezinu quadrangle: a heavily cratered region with evidence for localized subsurface water ice and the context of Occator crater. <i>Icarus</i> , 2018, 316, 46-62. | 2.5 | 21 |
| 13 | 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. <i>Icarus</i> , 2018, 316, 84-98. | 2.5 | 19 |
| 14 | Impact heat driven volatile redistribution at Occator crater on Ceres as a comparative planetary process. <i>Nature Communications</i> , 2020, 11, 3679. | 12.8 | 19 |
| 15 | Periodic Bedrock Ridges at the ExoMars 2022 Landing Site: Evidence for a Changing Wind Regime. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091651. | 4.0 | 19 |
| 16 | Synthesis of the special issue: The formation and evolution of Ceresâ€™ Occator crater. <i>Icarus</i> , 2019, 320, 213-225. | 2.5 | 17 |
| 17 | Geological mapping of the Ac-10 Rongo Quadrangle of Ceres. <i>Icarus</i> , 2018, 316, 140-153. | 2.5 | 16 |
| 18 | Compositional control on impact crater formation on mid-sized planetary bodies: Dawn at Ceres and Vesta, Cassini at Saturn. <i>Icarus</i> , 2021, 359, 114343. | 2.5 | 14 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Ceresâ€™ impact craters â€“ Relationships between surface composition and geology. <i>Icarus</i> , 2019, 318, 56-74. | 2.5 | 11 |
| 20 | Normal Faults on Ceres: Insights Into the Mechanical Properties and Thermal History of Nar Sulcus. <i>Geophysical Research Letters</i> , 2019, 46, 80-88. | 4.0 | 7 |
| 21 | Ringâ€™Mold Craters on Ceres: Evidence for Shallow Subsurface Water Ice Sources. <i>Geophysical Research Letters</i> , 2018, 45, 8121-8128. | 4.0 | 3 |