

Thomas Kneissl

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,574
citations

516710

16
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

1220
citing authors

#	ARTICLE	IF	CITATIONS
1	Map-projection-independent crater size-frequency determination in GIS environmentsâ€”New software tool for ArcGIS. <i>Planetary and Space Science</i> , 2011, 59, 1243-1254.	1.7	421
2	Cryovolcanism on Ceres. <i>Science</i> , 2016, 353, .	12.6	164
3	Cratering on Ceres: Implications for its crust and evolution. <i>Science</i> , 2016, 353, .	12.6	135
4	Planetary surface dating from crater sizeâ€”frequency distribution measurements: Spatial randomness and clustering. <i>Icarus</i> , 2012, 218, 169-177.	2.5	129
5	Composition and structure of the shallow subsurface of Ceres revealed by crater morphology. <i>Nature Geoscience</i> , 2016, 9, 538-542.	12.9	118
6	Sublimation in bright spots on (1) Ceres. <i>Nature</i> , 2015, 528, 237-240.	27.8	116
7	Planetary surface dating from crater size-frequency distribution measurements: Poisson timing analysis. <i>Icarus</i> , 2016, 277, 279-285.	2.5	114
8	The cratering record, chronology and surface ages of (4) Vesta in comparison to smaller asteroids and the ages of HED meteorites. <i>Planetary and Space Science</i> , 2014, 103, 104-130.	1.7	80
9	Age determination of linear surface features using the Buffered Crater Counting approach â€” Case studies of the Sirenum and Fortuna Fossae graben systems on Mars. <i>Icarus</i> , 2015, 250, 384-394.	2.5	53
10	Pitted terrains on (1) Ceres and implications for shallow subsurface volatile distribution. <i>Geophysical Research Letters</i> , 2017, 44, 6570-6578.	4.0	48
11	Ancient Bombardment of the Inner Solar System: Reinvestigation of the â€œFingerprintsâ€”of Different Impactor Populations on the Lunar Surface. <i>Journal of Geophysical Research E: Planets</i> , 2018, 123, 748-762.	3.6	47
12	Introduction: The geologic mapping of Ceres. <i>Icarus</i> , 2018, 316, 1-13.	2.5	45
13	Timing of optical maturation of recently exposed material on Ceres. <i>Geophysical Research Letters</i> , 2016, 43, 11,987.	4.0	35
14	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
15	Treatment of non-sparse cratering in planetary surface dating. <i>Icarus</i> , 2016, 277, 187-195.	2.5	17
16	Geological mapping of the Ac-10 Rongo Quadrangle of Ceres. <i>Icarus</i> , 2018, 316, 140-153.	2.5	16
17	A New Tool to Account for Crater Obliteration Effects in Crater Sizeâ€”Frequency Distribution Measurements. <i>Earth and Space Science</i> , 2018, 5, 258-267.	2.6	15