

# Guneshwar Thangjam

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

715  
citations

471509

17  
h-index

526287

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

564  
citing authors

#	ARTICLE	IF	CITATIONS
1	Brine residues and organics in the Urvara basin on Ceres. <i>Nature Communications</i> , 2022, 13, 927.	12.8	3
2	Science Drivers for the Future Exploration of Ceres: From Solar System Evolution to Ocean World Science. <i>Planetary Science Journal</i> , 2022, 3, 64.	3.6	4
3	Geology and colour of Kupalo crater on Ceres. <i>Planetary and Space Science</i> , 2022, 220, 105538.	1.7	1
4	Recent cryovolcanic activity at Occator crater on Ceres. <i>Nature Astronomy</i> , 2020, 4, 794-801.	10.1	32
5	Unique Light Scattering at Occator's Faculae on (1) Ceres. <i>Astronomical Journal</i> , 2019, 158, 85.	4.7	2
6	A Global Inventory of Ice-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
7	Mineralogical analysis of the Ac-H-6 Haulani quadrangle of the dwarf planet Ceres. <i>Icarus</i> , 2019, 318, 170-187.	2.5	11
8	Mineralogical analysis of quadrangle Ac-H-10 Rongo on the dwarf planet Ceres. <i>Icarus</i> , 2019, 318, 212-229.	2.5	8
9	Occator crater in color at highest spatial resolution. <i>Icarus</i> , 2019, 320, 24-38.	2.5	22
10	Exposed H <sub>2</sub> O-rich areas detected on Ceres with the dawn visible and infrared mapping spectrometer. <i>Icarus</i> , 2019, 318, 22-41.	2.5	47
11	Mineralogy and temperature of crater Haulani on Ceres. <i>Meteoritics and Planetary Science</i> , 2018, 53, 1902-1924.	1.6	21
12	Spectral properties and geology of bright and dark material on dwarf planet Ceres. <i>Meteoritics and Planetary Science</i> , 2018, 53, 1961-1982.	1.6	13
13	Geologic constraints on the origin of red organic-rich material on Ceres. <i>Meteoritics and Planetary Science</i> , 2018, 53, 1983-1998.	1.6	34
14	The geology of the Kerwan quadrangle of dwarf planet Ceres: Investigating Ceres' oldest, largest impact basin. <i>Icarus</i> , 2018, 316, 99-113.	2.5	28
15	Evolution of Occator Crater on (1) Ceres. <i>Astronomical Journal</i> , 2017, 153, 112.	4.7	50
16	Surface water-ice deposits in the northern shadowed regions of Ceres. <i>Nature Astronomy</i> , 2017, 1, .	10.1	70
17	Oxo Crater on (1) Ceres: Geological History and the Role of Water-ice. <i>Astronomical Journal</i> , 2017, 154, 84.	4.7	17
18	HAZE AT OCCATOR CRATER ON DWARF PLANET CERES. <i>Astrophysical Journal Letters</i> , 2016, 833, L25.	8.3	23

#	ARTICLE	IF	CITATIONS
19	Three-dimensional spectral analysis of compositional heterogeneity at Arruntia crater on (4) Vesta using Dawn FC. Icarus, 2016, 267, 344-363.	2.5	4
20	FC colour images of dwarf planet Ceres reveal a complicated geological history. Planetary and Space Science, 2016, 134, 122-127.	1.7	42
21	Effects of viewing geometry, aggregation state, and particle size on reflectance spectra of the Murchison CM2 chondrite deconvolved to Dawn FC band passes. Icarus, 2016, 266, 235-248.	2.5	11
22	Sublimation in bright spots on (1) Ceres. Nature, 2015, 528, 237-240.	27.8	116
23	Exogenic olivine on Vesta from Dawn Framing Camera color data. Icarus, 2015, 258, 467-482.	2.5	28
24	Olivine-rich exposures at Bellicia and Arruntia craters on (4) Vesta from Dawn FC. Meteoritics and Planetary Science, 2014, 49, 1831-1850.	1.6	20
25	Imprint of the Rheasilvia impact on Vesta – Geologic mapping of quadrangles Gegania and Lucaria. Icarus, 2014, 244, 60-73.	2.5	15
26	Detection of serpentine in exogenic carbonaceous chondrite material on Vesta from Dawn FC data. Icarus, 2014, 239, 222-237.	2.5	34
27	Lithologic mapping of HED terrains on Vesta using Dawn Framing Camera color data. Meteoritics and Planetary Science, 2013, 48, 2199-2210.	1.6	26