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List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

2,802
citations

257450

24
h-index

189892

50
g-index

65
all docs

65
docs citations

65
times ranked

1522
citing authors

#	ARTICLE	IF	CITATIONS
1	OSIRIS-REx: Sample Return from Asteroid (101955) Bennu. <i>Space Science Reviews</i> , 2017, 212, 925-984.	8.1	426
2	The unexpected surface of asteroid (101955) Bennu. <i>Nature</i> , 2019, 568, 55-60.	27.8	364
3	Properties of rubble-pile asteroid (101955) Bennu from OSIRIS-REx imaging and thermal analysis. <i>Nature Astronomy</i> , 2019, 3, 341-351.	10.1	188
4	Shape of (101955) Bennu indicative of a rubble pile with internal stiffness. <i>Nature Geoscience</i> , 2019, 12, 247-252.	12.9	179
5	Craters, boulders and regolith of (101955) Bennu indicative of an old and dynamic surface. <i>Nature Geoscience</i> , 2019, 12, 242-246.	12.9	161
6	Episodes of particle ejection from the surface of the active asteroid (101955) Bennu. <i>Science</i> , 2019, 366, .	12.6	129
7	OCAMS: The OSIRIS-REx Camera Suite. <i>Space Science Reviews</i> , 2018, 214, 1.	8.1	119
8	The operational environment and rotational acceleration of asteroid (101955) Bennu from OSIRIS-REx observations. <i>Nature Communications</i> , 2019, 10, 1291.	12.8	99
9	Variations in color and reflectance on the surface of asteroid (101955) Bennu. <i>Science</i> , 2020, 370, .	12.6	84
10	Asteroid (101955) Bennu's weak boulders and thermally anomalous equator. <i>Science Advances</i> , 2020, 6, .	10.3	83
11	Bright carbonate veins on asteroid (101955) Bennu: Implications for aqueous alteration history. <i>Science</i> , 2020, 370, .	12.6	71
12	Bennu's near-Earth lifetime of 1.75 million years inferred from craters on its boulders. <i>Nature</i> , 2020, 587, 205-209.	27.8	62
13	In situ evidence of thermally induced rock breakdown widespread on Bennu's surface. <i>Nature Communications</i> , 2020, 11, 2913.	12.8	62
14	Global Patterns of Recent Mass Movement on Asteroid (101955) Bennu. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2020JE006475.	3.6	60
15	Hemispherical differences in the shape and topography of asteroid (101955) Bennu. <i>Science Advances</i> , 2020, 6, .	10.3	57
16	Ground and In-Flight Calibration of the OSIRIS-REx Camera Suite. <i>Space Science Reviews</i> , 2020, 216, 12.	8.1	57
17	Exogenic basalt on asteroid (101955) Bennu. <i>Nature Astronomy</i> , 2021, 5, 31-38.	10.1	57
18	Widespread carbon-bearing materials on near-Earth asteroid (101955) Bennu. <i>Science</i> , 2020, 370, .	12.6	56

#	ARTICLE	IF	CITATIONS
19	Fine-regolith production on asteroids controlled by rock porosity. <i>Nature</i> , 2021, 598, 49-52.	27.8	45
20	Spacecraft sample collection and subsurface excavation of asteroid (101955) Bennu. <i>Science</i> , 2022, 377, 285-291.	12.6	39
21	Particle Size-Frequency Distributions of the OSIRIS-REx Candidate Sample Sites on Asteroid (101955) Bennu. <i>Remote Sensing</i> , 2021, 13, 1315.	4.0	33
22	Near-zero cohesion and loose packing of Bennu's near subsurface revealed by spacecraft contact. <i>Science Advances</i> , 2022, 8, .	10.3	31
23	Comparing ramp rates from large and small PV systems, and selection of batteries for ramp rate control. , 2013, , .		26
24	Overcoming the Challenges Associated with Image-Based Mapping of Small Bodies in Preparation for the OSIRIS-REx Mission to (101955) Bennu. <i>Earth and Space Science</i> , 2018, 5, 929-949.	2.6	26
25	Photometry of asteroid (101955) Bennu with OVIRS on OSIRIS-REx. <i>Icarus</i> , 2021, 358, 114183.	2.5	25
26	Expected spectral characteristics of (101955) Bennu and (162173) Ryugu, targets of the OSIRIS-REx and Hayabusa2 missions. <i>Icarus</i> , 2018, 313, 25-37.	2.5	23
27	Photometry of Particles Ejected From Active Asteroid (101955) Bennu. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2020JE006381.	3.6	23
28	OSIRIS-REx spectral analysis of (101955) Bennu by multivariate statistics. <i>Astronomy and Astrophysics</i> , 2020, 637, L4.	5.1	23
29	Crater population on asteroid (101955) Bennu indicates impact armouring and a young surface. <i>Nature Geoscience</i> , 2022, 15, 440-446.	12.9	20
30	Low surface strength of the asteroid Bennu inferred from impact ejecta deposit. <i>Nature Geoscience</i> , 2022, 15, 447-452.	12.9	19
31	The Role of Hydrated Minerals and Space Weathering Products in the Bluening of Carbonaceous Asteroids. <i>Planetary Science Journal</i> , 2021, 2, 68.	3.6	14
32	The Formation of Terraces on Asteroid (101955) Bennu. <i>Journal of Geophysical Research E: Planets</i> , 2022, 127, .	3.6	14
33	Assessing the Sampleability of Bennu's Surface for the OSIRIS-REx Asteroid Sample Return Mission. <i>Space Science Reviews</i> , 2022, 218, 20.	8.1	12
34	Alignment of fractures on Bennu's boulders indicative of rapid asteroid surface evolution. <i>Nature Geoscience</i> , 2022, 15, 453-457.	12.9	11
35	Spectrophotometric Modeling and Mapping of (101955) Bennu. <i>Planetary Science Journal</i> , 2021, 2, 117.	3.6	9
36	Widely distributed exogenic materials of varying compositions and morphologies on asteroid (101955) Bennu. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 2053-2070.	4.4	9

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37	OSIRIS-REx Visible and Near-Infrared Observations of the Moon. <i>Geophysical Research Letters</i> , 2019, 46, 6322-6326.	4.0	8
38	The Deployment of the Seismometer to Investigate Ice and Ocean Structure (SIOS) on Gulkana Glacier, Alaska. <i>Seismological Research Letters</i> , 2020, 91, 1901-1914.	1.9	8
39	Modeling optical roughness and first-order scattering processes from OSIRIS-REx color images of the rough surface of asteroid (101955) Bennu. <i>Icarus</i> , 2021, 357, 114106.	2.5	8
40	The consequence of soiling on PV system performance in Arizona; Comparing three study methods. , 2013, , .		5
41	The Deployment of the Seismometer to Investigate Ice and Ocean Structure (SIOS) in Northwest Greenland: An Analog Experiment for Icy Ocean World Seismic Deployments. <i>Seismological Research Letters</i> , 2021, 92, 2036-2049.	1.9	5
42	Spectral effects of varying texture and composition in two-component mudpie simulations: Insights for asteroid (101955) Bennu. <i>Meteoritics and Planetary Science</i> , 2021, 56, 1173-1190.	1.6	5
43	Characterization of Exogenic Boulders on the Near-Earth Asteroid (101955) Bennu from OSIRIS-REx Color Images. <i>Planetary Science Journal</i> , 2021, 2, 114.	3.6	5
44	Geophysical constraints on the properties of a subglacial lake in northwest Greenland. <i>Cryosphere</i> , 2021, 15, 3279-3291.	3.9	5
45	High-resolution observations of bright boulders on asteroid Ryugu: 2. Spectral properties. <i>Icarus</i> , 2021, 369, 114591.	2.5	5
46	The Fukang pallasite: Characterization and implications for the history of the Main-group parent body. <i>Meteoritics and Planetary Science</i> , 2019, 54, 1781-1807.	1.6	4
47	Regional Photometric Modeling of Asteroid (101955) Bennu. <i>Planetary Science Journal</i> , 2021, 2, 124.	3.6	4
48	PHOTOGRAMMETRIC PROCESSING OF OSIRIS-REX IMAGES OF ASTEROID (101955) BENNU. <i>ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences</i> , 0, V-3-2020, 587-594.	0.0	4
49	The Detection of Seismicity on Icy Ocean Worlds by Single-Station and Small-Aperture Seismometer Arrays. <i>Earth and Space Science</i> , 2022, 9, .	2.6	3
50	High-resolution observations of bright boulders on asteroid Ryugu: 1. Size frequency distribution and morphology. <i>Icarus</i> , 2021, 369, 114529.	2.5	2
51	Cross-Instrument Comparison of MapCam and OVIRS on OSIRIS-REx. <i>Space Science Reviews</i> , 2022, 218, 5.	8.1	2
52	Conversion efficiencies of six grid-tied inverters at the Tucson electric power solar test yard. , 2013, , .		1