

Jeffrey Seabrook

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

823
citations

687363

13
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

779
citing authors

#	ARTICLE	IF	CITATIONS
1	Shape of (101955) Bennu indicative of a rubble pile with internal stiffness. <i>Nature Geoscience</i> , 2019, 12, 247-252.	12.9	179
2	The dynamic geophysical environment of (101955) Bennu based on OSIRIS-REx measurements. <i>Nature Astronomy</i> , 2019, 3, 352-361.	10.1	132
3	Episodes of particle ejection from the surface of the active asteroid (101955) Bennu. <i>Science</i> , 2019, 366, .	12.6	129
4	Bright carbonate veins on asteroid (101955) Bennu: Implications for aqueous alteration history. <i>Science</i> , 2020, 370, .	12.6	71
5	Hemispherical differences in the shape and topography of asteroid (101955) Bennu. <i>Science Advances</i> , 2020, 6, .	10.3	57
6	Heterogeneous mass distribution of the rubble-pile asteroid (101955) Bennu. <i>Science Advances</i> , 2020, 6, .	10.3	50
7	Spacecraft sample collection and subsurface excavation of asteroid (101955) Bennu. <i>Science</i> , 2022, 377, 285-291.	12.6	39
8	LIDAR measurements of Arctic boundary layer ozone depletion events over the frozen Arctic Ocean. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	28
9	The Morphometry of Impact Craters on Bennu. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089672.	4.0	20
10	Low surface strength of the asteroid Bennu inferred from impact ejecta deposit. <i>Nature Geoscience</i> , 2022, 15, 447-452.	12.9	19
11	Validation of Stereophotoclinometric Shape Models of Asteroid (101955) Bennu during the OSIRIS-REx Mission. <i>Planetary Science Journal</i> , 2021, 2, 82.	3.6	17
12	The Use of Digital Terrain Models for Natural Feature Tracking at Asteroid Bennu. <i>Planetary Science Journal</i> , 2022, 3, 100.	3.6	17
13	The Formation of Terraces on Asteroid (101955) Bennu. <i>Journal of Geophysical Research E: Planets</i> , 2022, 127, .	3.6	14
14	Airborne lidar measurements of surface ozone depletion over Arctic sea ice. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 6023-6029.	4.9	13
15	Airborne lidar measurements of aerosol and ozone above the Canadian oil sands region. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 3829-3849.	3.1	12
16	Geologic Context of the OSIRIS-REx Sample Site from High-resolution Topography and Imaging. <i>Planetary Science Journal</i> , 2022, 3, 75.	3.6	10
17	Influence of mountains on Arctic tropospheric ozone. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 1935-1942.	3.3	4
18	Regional Photometric Modeling of Asteroid (101955) Bennu. <i>Planetary Science Journal</i> , 2021, 2, 124.	3.6	4

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19	PHOTOGRAMMETRIC PROCESSING OF OSIRIS-REX IMAGES OF ASTEROID (101955) BENNU. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, V-3-2020, 587-594.	0.0	4