

# Jason Leonard

## List of Publications by Year in descending order

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17  
papers

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840776

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times ranked

580  
citing authors

#	ARTICLE	IF	CITATIONS
1	OSIRIS-REx Proximity Operations and Navigation Performance at Bennu. , 2022, , .		5
2	OSIRIS-REx Pointing Performance. , 2022, , .		3
3	Small Body Proximity Operations & TAG: Navigation Experiences & Lessons Learned from the OSIRIS-REx Mission. , 2022, , .		4
4	Ephemeris and hazard assessment for near-Earth asteroid (101955) Bennu based on OSIRIS-REx data. Icarus, 2021, 369, 114594.	2.5	28
5	Internal rubble properties of asteroid (101955) Bennu. Icarus, 2021, 370, 114665.	2.5	15
6	Mass and Shape Determination of (101955) Bennu Using Differenced Data from Multiple OSIRIS-REx Mission Phases. Planetary Science Journal, 2021, 2, 219.	3.6	6
7	Outgassing from the OSIRIS-REx sample return capsule: characterization and mitigation. Acta Astronautica, 2020, 166, 391-399.	3.2	7
8	Hemispherical differences in the shape and topography of asteroid (101955) Bennu. Science Advances, 2020, 6, .	10.3	57
9	Heterogeneous mass distribution of the rubble-pile asteroid (101955) Bennu. Science Advances, 2020, 6, .	10.3	50
10	Photometry of Particles Ejected From Active Asteroid (101955) Bennu. Journal of Geophysical Research E: Planets, 2020, 125, e2020JE006381.	3.6	23
11	Trajectory Estimation for Particles Observed in the Vicinity of (101955) Bennu. Journal of Geophysical Research E: Planets, 2020, 125, e2019JE006363.	3.6	51
12	Initial Orbit Determination and Event Reconstruction From Estimation of Particle Trajectories About (101955) Bennu. Earth and Space Science, 2020, 7, e2019EA000937.	2.6	14
13	Reconstruction of Bennu Particle Events From Sparse Data. Earth and Space Science, 2020, 7, e2019EA000938.	2.6	18
14	Autonomous Detection of Particles and Tracks in Optical Images. Earth and Space Science, 2020, 7, e2019EA000843.	2.6	9
15	The dynamic geophysical environment of (101955) Bennu based on OSIRIS-REx measurements. Nature Astronomy, 2019, 3, 352-361.	10.1	132
16	Episodes of particle ejection from the surface of the active asteroid (101955) Bennu. Science, 2019, 366, .	12.6	129
17	Overcoming the Challenges Associated with Imageâ€Based Mapping of Small Bodies in Preparation for the OSIRISâ€REx Mission to (101955) Bennu. Earth and Space Science, 2018, 5, 929-949.	2.6	26