

# Michael C Moreau

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4645172/publications.pdf>

Version: 2024-02-01

18  
papers

1,244  
citations

623734

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940533

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19  
docs citations

19  
times ranked

1101  
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	Shape of (101955) Bennu indicative of a rubble pile with internal stiffness. <i>Nature Geoscience</i> , 2019, 12, 247-252.	12.9	179
3	The dynamic geophysical environment of (101955) Bennu based on OSIRIS-REx measurements. <i>Nature Astronomy</i> , 2019, 3, 352-361.	10.1	132
4	Episodes of particle ejection from the surface of the active asteroid (101955) Bennu. <i>Science</i> , 2019, 366, .	12.6	129
5	OSIRIS-REx Flight Dynamics and Navigation Design. <i>Space Science Reviews</i> , 2018, 214, 1.	8.1	56
6	Touch And Go Camera System (TAGCAMS) for the OSIRIS-REx Asteroid Sample Return Mission. <i>Space Science Reviews</i> , 2018, 214, 1.	8.1	51
7	Trajectory Estimation for Particles Observed in the Vicinity of (101955) Bennu. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2019JE006363.	3.6	51
8	Heterogeneous mass distribution of the rubble-pile asteroid (101955) Bennu. <i>Science Advances</i> , 2020, 6, .	10.3	50
9	Spacecraft sample collection and subsurface excavation of asteroid (101955) Bennu. <i>Science</i> , 2022, 377, 285-291.	12.6	39
10	Characterization of on-orbit GPS transmit antenna patterns for space users. <i>Navigation, Journal of the Institute of Navigation</i> , 2020, 67, 411-438.	2.8	24
11	In-Flight Calibration and Performance of the OSIRIS-REx Touch And Go Camera System (TAGCAMS). <i>Space Science Reviews</i> , 2020, 216, 1.	8.1	22
12	GPS Receiver Architecture and Expected Performance for Autonomous Navigation in High Earth Orbits. <i>Navigation, Journal of the Institute of Navigation</i> , 2000, 47, 190-204.	2.8	19
13	Reconstruction of Bennu Particle Events From Sparse Data. <i>Earth and Space Science</i> , 2020, 7, e2019EA000938.	2.6	18
14	Internal rubble properties of asteroid (101955) Bennu. <i>Icarus</i> , 2021, 370, 114665.	2.5	15
15	Initial Orbit Determination and Event Reconstruction From Estimation of Particle Trajectories About (101955) Bennu. <i>Earth and Space Science</i> , 2020, 7, e2019EA000937.	2.6	14
16	Autonomous Detection of Particles and Tracks in Optical Images. <i>Earth and Space Science</i> , 2020, 7, e2019EA000843.	2.6	9
17	OSIRIS-REx Proximity Operations and Navigation Performance at Bennu. , 2022, , .		5
18	Small Body Proximity Operations & TAG: Navigation Experiences & Lessons Learned from the OSIRIS-REx Mission. , 2022, , .		4