

Eric Palmer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/840167/publications.pdf>

Version: 2024-02-01

31
papers

1,915
citations

471509

17
h-index

501196

28
g-index

34
all docs

34
docs citations

34
times ranked

1535
citing authors

#	ARTICLE	IF	CITATIONS
1	Hayabusa2 arrives at the carbonaceous asteroid 162173 Ryuguâ€”A spinning topâ€”shaped rubble pile. Science, 2019, 364, 268-272.	12.6	410
2	The geomorphology, color, and thermal properties of Ryugu: Implications for parent-body processes. Science, 2019, 364, 252.	12.6	313
3	The global shape, density and rotation of Comet 67P/Churyumov-Gerasimenko from preperihelion Rosetta/OSIRIS observations. Icarus, 2016, 277, 257-278.	2.5	252
4	Shape of (101955) Bennu indicative of a rubble pile with internal stiffness. Nature Geoscience, 2019, 12, 247-252.	12.9	179
5	The dynamic geophysical environment of (101955) Bennu based on OSIRIS-REx measurements. Nature Astronomy, 2019, 3, 352-361.	10.1	132
6	Digital terrain mapping by the OSIRIS-REx mission. Planetary and Space Science, 2020, 180, 104764.	1.7	81
7	Resolved spectrophotometric properties of the Ceres surface from Dawn Framing Camera images. Icarus, 2017, 288, 201-225.	2.5	69
8	Hemispherical differences in the shape and topography of asteroid (101955) Bennu. Science Advances, 2020, 6, .	10.3	57
9	Thermal measurements of dark and bright surface features on Vesta as derived from Dawn/VIR. Icarus, 2014, 240, 36-57.	2.5	52
10	Heterogeneous mass distribution of the rubble-pile asteroid (101955) Bennu. Science Advances, 2020, 6, .	10.3	50
11	Olivine or impact melt: Nature of the â€œOrangeâ€”material on Vesta from Dawn. Icarus, 2013, 226, 1568-1594.	2.5	47
12	Crater depth-to-diameter distribution and surface properties of (4) Vesta. Planetary and Space Science, 2014, 103, 57-65.	1.7	41
13	Global shape modeling using the OSIRIS-REx scanning Laser Altimeter. Planetary and Space Science, 2019, 177, 104688.	1.7	32
14	Practical Stereophotoclinometry for Modeling Shape and Topography on Planetary Missions. Planetary Science Journal, 2022, 3, 102.	3.6	22
15	The Morphometry of Impact Craters on Bennu. Geophysical Research Letters, 2020, 47, e2020GL089672.	4.0	20
16	Validation of Stereophotoclinometric Shape Models of Asteroid (101955) Bennu during the OSIRIS-REx Mission. Planetary Science Journal, 2021, 2, 82.	3.6	17
17	The Use of Digital Terrain Models for Natural Feature Tracking at Asteroid Bennu. Planetary Science Journal, 2022, 3, 100.	3.6	17
18	Rotational states and shapes of Ryugu and Bennu: Implications for interior structure and strength. Planetary and Space Science, 2021, 204, 105268.	1.7	15

#	ARTICLE	IF	CITATIONS
19	Internal rubble properties of asteroid (101955) Bennu. <i>Icarus</i> , 2021, 370, 114665.	2.5	15
20	Autonomous Navigation Performance Using Natural Feature Tracking during the OSIRIS-REx Touch-and-Go Sample Collection Event. <i>Planetary Science Journal</i> , 2022, 3, 101.	3.6	15
21	The Formation of Terraces on Asteroid (101955) Bennu. <i>Journal of Geophysical Research E: Planets</i> , 2022, 127, .	3.6	14
22	Quality Assessment of Stereophotoclinometry as a Shape Modeling Method Using a Synthetic Asteroid. <i>Planetary Science Journal</i> , 2022, 3, 103.	3.6	14
23	Assessing stereophotoclinometry by modeling a physical wall representing asteroid Bennu. <i>Planetary and Space Science</i> , 2020, 193, 105077.	1.7	10
24	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
25	Ground Testing of Digital Terrain Models to Prepare for OSIRIS-REx Autonomous Vision Navigation Using Natural Feature Tracking. <i>Planetary Science Journal</i> , 2022, 3, 104.	3.6	8
26	Characterization of lunar surface within Tsiolkovsky crater: Photometric properties. <i>Icarus</i> , 2018, 312, 61-99.	2.5	7
27	Topographic Correlations Within Lunar Swirls in Mare Ingenii. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	7
28	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
29	Development and Flight Performance of the Autonomous Navigation Feature Catalog for OSIRIS-REx Asteroid Sample Collection. , 2022, , .		2
30	Thermal analysis of unusual local-scale features on the surface of Vesta. , 2013, , .		0
31	Correction: Development and Flight Performance of the Autonomous Navigation Feature Catalog for OSIRIS-REx Asteroid Sample Collection. , 2022, , .		0