

Roberto Bugiolacchi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3232766/publications.pdf>

Version: 2024-02-01

26
papers

371
citations

759055

12
h-index

794469

19
g-index

26
all docs

26
docs citations

26
times ranked

327
citing authors

#	ARTICLE	IF	CITATIONS
1	Compositional and temporal investigation of exposed lunar basalts in the Mare Imbrium region. <i>Icarus</i> , 2008, 197, 1-18.	1.1	50
2	First look by the Yutu-2 rover at the deep subsurface structure at the lunar farside. <i>Nature Communications</i> , 2020, 11, 3426.	5.8	47
3	Copernican-aged (200 Ma) Impact Ejecta at the Chang'e-5 Landing Site: Statistical Evidence From Crater Morphology, Morphometry, and Degradation Models. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095341.	1.5	24
4	Lunar iron abundance determination using the 2- $\frac{1}{4}$ m absorption band parameters. <i>Icarus</i> , 2012, 220, 51-64.	1.1	23
5	Mineralogical variation of the late stage mare basalts. <i>Journal of Geophysical Research E: Planets</i> , 2016, 121, 2063-2080.	1.5	23
6	Rock abundance and evolution of the shallow stratum on Chang'e-4 landing site unveiled by lunar penetrating radar data. <i>Earth and Planetary Science Letters</i> , 2021, 564, 116912.	1.8	22
7	A comparative study of iron abundance estimation methods: Application to the western nearside of the Moon. <i>Icarus</i> , 2015, 248, 72-88.	1.1	20
8	Newly Discovered Ring-Moat Dome Structures in the Lunar Maria: Possible Origins and Implications. <i>Geophysical Research Letters</i> , 2017, 44, 9216-9224.	1.5	18
9	The Moon Zoo citizen science project: Preliminary results for the Apollo 17 landing site. <i>Icarus</i> , 2016, 271, 30-48.	1.1	17
10	An in-depth look at the lunar crater Copernicus: Exposed mineralogy by high-resolution near-infrared spectroscopy. <i>Icarus</i> , 2011, 213, 43-63.	1.1	16
11	Stratigraphy and composition of lava flows in Mare Nubium and Mare Cognitum. <i>Meteoritics and Planetary Science</i> , 2006, 41, 285-304.	0.7	15
12	Moon Zoo: citizen science in lunar exploration. <i>Astronomy and Geophysics</i> , 2011, 52, 2.10-2.12.	0.1	14
13	Diversity of basaltic lunar volcanism associated with buried impact structures: Implications for intrusive and extrusive events. <i>Icarus</i> , 2018, 307, 216-234.	1.1	13
14	Ring-Moat Dome Structures (RMDSs) in the Lunar Maria: Statistical, Compositional, and Morphological Characterization and Assessment of Theories of Origin. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2019JE005967.	1.5	13
15	Mare basalt flooding events surrounding Chang'e-4 landing site as revealed by Zhinyu crater ejecta. <i>Icarus</i> , 2021, 360, 114370.	1.1	9
16	The Lunar Mare Ring-Moat Dome Structure (RMDS) Age Conundrum: Contemporaneous With Imbrian-aged Host Lava Flows or Emplaced in the Copernican?. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2021JE006880.	1.5	9
17	A Complex Paleosurface Revealed by the Yutu-2 Rover at the Lunar Farside. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095133.	1.5	9
18	Geologically Old but Freshly Exposed Rock Fragments Encountered by Yutu-2 Rover. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2020JE006565.	1.5	7

#	ARTICLE	IF	CITATIONS
19	From the Imbrium Basin to crater Tycho: The first regional spectral distribution map derived from SIR-2 near-infrared data. <i>Icarus</i> , 2013, 223, 804-818.	1.1	6
20	Estimating False Positive Contamination in Crater Annotations from Citizen Science Data. <i>Earth, Moon and Planets</i> , 2017, 119, 47-63.	0.3	5
21	Small craters population as a useful geological investigative tool: Apollo 17 region as a case study. <i>Icarus</i> , 2020, 350, 113927.	1.1	5
22	Mafic Minerals in the South Pole-Aitken Basin. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 1581-1591.	1.5	3
23	Characterization of lunar soils through spectral features extraction in the NIR. <i>Advances in Space Research</i> , 2014, 54, 2029-2040.	1.2	2
24	The Moon in the Microwave: Shedding New Light on the Lunar Farside. <i>Journal of Geophysical Research E: Planets</i> , 2022, 127, .	1.5	1
25	Review of: <i>Introducing the Planets and their Moons</i> by Peter Cattermole (Dunedin, 2014, 134 pages). <i>Earth, Moon and Planets</i> , 2015, 114, 87-88.	0.3	0
26	SMALL CRATERS AND THEIR DIAGNOSTIC POTENTIAL. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLII-3/W1, 23-27.	0.2	0