

Xiaohui Fu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

252
citations

1040056

9
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

326
citing authors

#	ARTICLE	IF	CITATIONS
1	Raman spectroscopic and geochemical studies of primary and secondary minerals in Martian meteorite Northwest Africa 10720. <i>Journal of Raman Spectroscopy</i> , 2022, 53, 420-434.	2.5	6
2	A Martian Analogues Library (MAL) Applicable for Tianwen-1 MarSCoDe-LIBS Data Interpretation. <i>Remote Sensing</i> , 2022, 14, 2937.	4.0	2
3	A Raman Spectroscopic and Microimage Analysis Perspective of the Chang'e-5 Lunar Samples. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	15
4	A Mars Environment Chamber Coupled with Multiple In Situ Spectral Sensors for Mars Exploration. <i>Sensors</i> , 2021, 21, 2519.	3.8	16
5	Possible Non-Mare Lithologies in the Regolith at the Chang'e-5 Landing Site: Evidence From Remote Sensing Data. <i>Journal of Geophysical Research E: Planets</i> , 2021, 126, e2020JE006797.	3.6	10
6	Petrology and geochemistry of lunar feldspathic meteorite Northwest Africa 11111: Insights into the lithology of the lunar farside highlands. <i>Meteoritics and Planetary Science</i> , 2021, 56, 1829.	1.6	1
7	Petrography, mineralogy, and geochemistry of a new lunar magnesian feldspathic meteorite Northwest Africa 11460. <i>Meteoritics and Planetary Science</i> , 2021, 56, 1857-1889.	1.6	3
8	Spatio-Temporal Analysis of Dust Storm Activity in Chryse Planitia Using MGS-MOC Observations from Mars Years 24-28. <i>Universe</i> , 2021, 7, 433.	2.5	2
9	Geomorphology, Mineralogy, and Geochronology of Mare Basalts and Non-Mare Materials around the Lunar Crisium Basin. <i>Remote Sensing</i> , 2021, 13, 4828.	4.0	3
10	Mars: new insights and unresolved questions. <i>International Journal of Astrobiology</i> , 2021, 20, 394-426.	1.6	19
11	Thermal stability of akaganeite and its desiccation process under conditions relevant to Mars. <i>Icarus</i> , 2020, 336, 113435.	2.5	11
12	Olivine-norite rock detected by the lunar rover Yutu-2 likely crystallized from the SPA-impact melt pool. <i>National Science Review</i> , 2020, 7, 913-920.	9.5	51
13	Raman and infrared spectroscopic perspectives of lunar meteorite Northwest Africa 4884. <i>Journal of Raman Spectroscopy</i> , 2020, 51, 1652-1666.	2.5	9
14	Photometric Normalization of Chang'e-4 Visible and Near-Infrared Imaging Spectrometer Datasets: A Combined Study of In-Situ and Laboratory Spectral Measurements. <i>Remote Sensing</i> , 2020, 12, 3211.	4.0	7
15	Mineralogy of Chang'e-4 landing site: preliminary results of visible and near-infrared imaging spectrometer. <i>Science China Information Sciences</i> , 2020, 63, 1.	4.3	9
16	Deriving terrain factors from high-resolution lunar images: A case study of the Mons Rümker Region. <i>Geomorphology</i> , 2020, 358, 107114.	2.6	3
17	Petrogenesis and Shock Metamorphism of Basaltic Lunar Meteorites Northwest Africa 4734 and 10597. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 2583-2598.	3.6	12
18	Composition, mineralogy and chronology of mare basalts and non-mare materials in Von Kármán crater: Landing site of the Chang'e-4 mission. <i>Planetary and Space Science</i> , 2019, 179, 104741.	1.7	40

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19	High-Resolution Terrain Analysis for Lander Safety Landing and Rover Path Planning Based on Lunar Reconnaissance Orbiter Narrow Angle Camera Images: A Case Study of China's Chang'e-4 Probe. <i>Earth and Space Science</i> , 2019, 6, 398-410.	2.6	7
20	Characterizing amorphous silicates in extraterrestrial materials: Polymerization effects on Raman and mid-IR spectral features of alkali and alkali earth silicate glasses. <i>Journal of Geophysical Research E: Planets</i> , 2017, 122, 839-855.	3.6	26