

Paola Manzari

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

226
citations

1040056
9
h-index

1125743
13
g-index

18
all docs

18
docs citations

18
times ranked

363
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined micro X-ray fluorescence and micro computed tomography for the study of extraterrestrial volcanic rocks. The case of North West Africa (NWA) 8657: A shergottite martian meteorite. <i>Talanta</i> , 2020, 217, 121114.	5.5	6
2	Macro-classification of meteorites by portable energy dispersive X-ray fluorescence spectroscopy (pED-XRF), principal component analysis (PCA) and machine learning algorithms. <i>Talanta</i> , 2020, 212, 120785.	5.5	34
3	Microimaging spectroscopy and scanning electron microscopy of Northwest Africa 8657 shergottite: Interpretation of future in situ Martian data. <i>Meteoritics and Planetary Science</i> , 2019, 54, 475-494.	1.6	4
4	UAV and Airborne LiDAR Data for Interpreting Kinematic Evolution of Landslide Movements: The Case Study of the Montescaglioso Landslide (Southern Italy). <i>Geosciences (Switzerland)</i> , 2019, 9, 248.	2.2	53
5	On the characterization of temporal and spatial patterns of archaeological crop-marks. <i>Journal of Cultural Heritage</i> , 2018, 32, 124-132.	3.3	20
6	New insights on the Dronino iron meteorite by double-pulse micro-Laser-Induced Breakdown Spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2018, 144, 75-81.	2.9	7
7	Identification and classification of meteorites using a handheld LIBS instrument coupled with a fuzzy logic-based method. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 1664-1675.	3.0	22
8	Handheld Laser Induced Breakdown Spectroscopy Instrumentation Applied to the Rapid Discrimination between Iron Meteorites and Meteorite Wongs. <i>Geostandards and Geoanalytical Research</i> , 2018, 42, 607-614.	3.1	20
9	Application of spectral linear mixing to rock slabs analyses at various scales using Ma_Miss BreadBoard instrument. <i>Planetary and Space Science</i> , 2017, 144, 1-15.	1.7	11
10	Microimaging VIS-IR spectroscopy of ancient volcanic rocks as Mars analogues. <i>Earth and Space Science</i> , 2016, 3, 268-281.	2.6	3
11	An Innovative Approach to Meteorite Analysis by Laser-Induced Breakdown Spectroscopy. <i>Geostandards and Geoanalytical Research</i> , 2016, 40, 533-541.	3.1	26
12	VIS-IR study of brucite-clay-carbonate mixtures: Implications for Ceres surface composition. <i>Icarus</i> , 2016, 280, 315-327.	2.5	11
13	The spectral imaging facility: Setup characterization. <i>Review of Scientific Instruments</i> , 2015, 86, 093101.	1.3	9
14	The SPectral Imaging (SPIM) facility in support of hyperspectral observations of solar system bodies: Preliminary characterization. , 2014, , .		0