

Donia Baklouti

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

630
citations

1040056

9
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

1075
citing authors

#	ARTICLE	IF	CITATIONS
1	Geometry induced bias in the remote near-IR identification of phyllosilicates on space weathered bodies. <i>Icarus</i> , 2022, 376, 114887.	2.5	3
2	Multiscale correlated analysis of the Aguas Zarcas CM chondrite. <i>Meteoritics and Planetary Science</i> , 2022, 57, 965-988.	1.6	4
3	A radiolytic origin of organic matter in primitive chondrites and trans-neptunian objects? New clues from ion irradiation experiments. <i>Icarus</i> , 2021, 364, 114462.	2.5	4
4	Electrical properties of cometary dust particles derived from line shapes of TOF-SIMS spectra measured by the ROSETTA/COSIMA instrument. <i>Planetary and Space Science</i> , 2020, 182, 104758.	1.7	2
5	Near-infrared Methanol Bands Probe Energetic Processing of Icy Outer Solar System Objects. <i>Astrophysical Journal Letters</i> , 2020, 894, L3.	8.3	8
6	Combining IR and X-ray microtomography data sets: Application to Itokawa particles and to Paris meteorite. <i>Meteoritics and Planetary Science</i> , 2020, 55, 1645-1664.	1.6	8
7	Composition of cometary particles collected during two periods of the Rosetta mission: multivariate evaluation of mass spectral data. <i>Journal of Chemometrics</i> , 2020, 34, e3218.	1.3	0
8	Space Weathering Affects the Remote Near-IR Identification of Phyllosilicates. <i>Planetary Science Journal</i> , 2020, 1, 61.	3.6	11
9	A Mineralogical Context for the Organic Matter in the Paris Meteorite Determined by A Multi-Technique Analysis. <i>Life</i> , 2019, 9, 44.	2.4	10
10	Mechanical and electrostatic experiments with dust particles collected in the inner coma of comet 67P by COSIMA onboard Rosetta. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20160255.	3.4	19
11	Nitrogen-to-carbon atomic ratio measured by COSIMA in the particles of comet 67P/Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S506-S516.	4.4	49
12	Carbon-rich dust in comet 67P/Churyumov-Gerasimenko measured by COSIMA/Rosetta. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S712-S722.	4.4	177
13	Variations in cometary dust composition from Giotto to Rosetta, clues to their formation mechanisms. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S323-S330.	4.4	28
14	High-molecular-weight organic matter in the particles of comet 67P/Churyumov-Gerasimenko. <i>Nature</i> , 2016, 538, 72-74.	27.8	124
15	Hydrogen isotopic fractionation in secondary ion mass spectrometry using polyatomic ions. <i>International Journal of Mass Spectrometry</i> , 2015, 393, 17-24.	1.5	4
16	Comet 67P/Churyumov-Gerasimenko sheds dust coat accumulated over the past four years. <i>Nature</i> , 2015, 518, 216-218.	27.8	144
17	COSIMA-Rosetta calibration for in situ characterization of 67P/Churyumov-Gerasimenko cometary inorganic compounds. <i>Planetary and Space Science</i> , 2015, 117, 35-44.	1.7	15
18	S ₂ O, polysulfuroxide and sulfur polymer on lo's surface?. <i>Icarus</i> , 2008, 194, 647-659.	2.5	20