

Sergio Fonte

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,465
citations

687363

13
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

1073
citing authors

#	ARTICLE	IF	CITATIONS
1	Ammoniated phyllosilicates with a likely outer Solar System origin on (1) Ceres. <i>Nature</i> , 2015, 528, 241-244.	27.8	276
2	Bright carbonate deposits as evidence of aqueous alteration on (1) Ceres. <i>Nature</i> , 2016, 536, 54-57.	27.8	240
3	The VIR Spectrometer. <i>Space Science Reviews</i> , 2011, 163, 329-369.	8.1	217
4	Distribution of phyllosilicates on the surface of Ceres. <i>Science</i> , 2016, 353, .	12.6	159
5	Localized aliphatic organic material on the surface of Ceres. <i>Science</i> , 2017, 355, 719-722.	12.6	152
6	Nature, formation, and distribution of carbonates on Ceres. <i>Science Advances</i> , 2018, 4, e1701645.	10.3	83
7	Spectrophotometric properties of dwarf planet Ceres from the VIR spectrometer on board the Dawn mission. <i>Astronomy and Astrophysics</i> , 2017, 598, A130.	5.1	69
8	Tracing the Formation History of Giant Planets in Protoplanetary Disks with Carbon, Oxygen, Nitrogen, and Sulfur. <i>Astrophysical Journal</i> , 2021, 909, 40.	4.5	67
9	Vesta surface thermal properties map. <i>Geophysical Research Letters</i> , 2014, 41, 1438-1443.	4.0	46
10	Artifacts reduction in VIR/Dawn data. <i>Review of Scientific Instruments</i> , 2016, 87, 124501.	1.3	44
11	Variations in the amount of water ice on Ceres's™ surface suggest a seasonal water cycle. <i>Science Advances</i> , 2018, 4, eaao3757.	10.3	43
12	Ceres's global and localized mineralogical composition determined by Dawn's Visible and Infrared Spectrometer (<scp>VIR</scp>). <i>Meteoritics and Planetary Science</i> , 2018, 53, 1844-1865.	1.6	29
13	Exploring the link between star and planet formation with Ariel. <i>Experimental Astronomy</i> , 2022, 53, 225-278.	3.7	18
14	Correction of the VIR-visible data set from the Dawn mission. <i>Review of Scientific Instruments</i> , 2019, 90, 123110.	1.3	9
15	High Thermal Inertia Zones on Ceres From Dawn Data. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2018JE005733.	3.6	9
16	Correction of the VIR-visible dataset from the Dawn mission at Vesta. <i>Review of Scientific Instruments</i> , 2020, 91, 123102.	1.3	3
17	The surface of (4) Vesta in visible light as seen by Dawn/VIR. <i>Astronomy and Astrophysics</i> , 2021, 653, A118.	5.1	1
18	Thermal inertia of Occator's faculae on Ceres. <i>Planetary and Space Science</i> , 2021, 205, 105285.	1.7	0