

Fiorangela La Forgia

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

2,850
citations

218592

26
h-index

168321

53
g-index

64
all docs

64
docs citations

64
times ranked

1678
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of V-type asteroids orbiting in the middle and outer main belt. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2019-2032.	1.6	8
2	Observational constraints to the dynamics of dust particles in the coma of comet 67P/Churyumov-Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2021, 504, 4687-4705.	1.6	5
3	Time evolution of dust deposits in the Hapi region of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2020, 636, A91.	2.1	13
4	Dust Environment Model of the Interstellar Comet 2I/Borisov. Astrophysical Journal Letters, 2020, 893, L12.	3.0	18
5	Spectrophotometric variegation of the layering in comet 67P/Churyumov-Gerasimenko as seen by OSIRIS. Astronomy and Astrophysics, 2019, 630, A16.	2.1	2
6	Multidisciplinary analysis of the Hapi region located on Comet 67P/Churyumov-Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2139-2154.	1.6	9
7	Phaethon variability during December 2017 closest approach to Earth. Planetary and Space Science, 2019, 165, 115-123.	0.9	9
8	Bilobate comet morphology and internal structure controlled by shear deformation. Nature Geoscience, 2019, 12, 157-162.	5.4	22
9	Rosetta/OSIRIS observations of the 67P nucleus during the April 2016 flyby: high-resolution spectrophotometry. Astronomy and Astrophysics, 2019, 630, A9.	2.1	6
10	Diurnal variation of dust and gas production in comet 67P/Churyumov-Gerasimenko at the inbound equinox as seen by OSIRIS and VIRTIS-M on board Rosetta. Astronomy and Astrophysics, 2019, 630, A23.	2.1	9
11	Quantitative analysis of isolated boulder fields on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2019, 630, A15.	2.1	4
12	Linking surface morphology, composition, and activity on the nucleus of 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2019, 630, A7.	2.1	18
13	Experimental phase function and degree of linear polarization of cometary dust analogues. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2198-2211.	1.6	34
14	The phase function and density of the dust observed at comet 67P/Churyumov-Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2835-2839.	1.6	20
15	The big lobe of 67P/Churyumov-Gerasimenko comet: morphological and spectrophotometric evidences of layering as from OSIRIS data. Monthly Notices of the Royal Astronomical Society, 2018, 479, 1555-1568.	1.6	7
16	Spectroscopic observations of the bilobate potentially hazardous asteroid 2014 JO25 from the Asiago 1.22-m telescope. Planetary and Space Science, 2018, 158, 63-68.	0.9	3
17	Near-UV OH Prompt Emission in the Innermost Coma of 103P/Hartley 2. Astronomical Journal, 2017, 154, 185.	1.9	4
18	The scattering phase function of comet 67P/Churyumov-Gerasimenko coma as seen from the Rosetta/OSIRIS instrument. Monthly Notices of the Royal Astronomical Society, 2017, 469, S404-S415.	1.6	44

#	ARTICLE	IF	CITATIONS
19	Geomorphological and spectrophotometric analysis of Seth's circular niches on comet 67P/Churyumov-Gerasimenko using OSIRIS images. Monthly Notices of the Royal Astronomical Society, 2017, 469, S238-S251.	1.6	8
20	A three-dimensional modelling of the layered structure of comet 67P/Churyumov-Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 469, S741-S754.	1.6	22
21	Post-perihelion photometry of dust grains in the coma of 67P Churyumov-Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 469, S195-S203.	1.6	17
22	Thermophysics of fractures on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2017, 608, A121.	2.1	7
23	Geologic mapping of the Comet 67P/Churyumov-Gerasimenko's Northern hemisphere. Monthly Notices of the Royal Astronomical Society, 2016, 462, S352-S367.	1.6	27
24	The southern hemisphere of 67P/Churyumov-Gerasimenko: Analysis of the preperihelion size-frequency distribution of boulders ≥ 7 m. Astronomy and Astrophysics, 2016, 592, L2.	2.1	27
25	Characterization of the Abydos region through OSIRIS high-resolution images in support of CIVA measurements. Astronomy and Astrophysics, 2016, 585, L1.	2.1	26
26	Possible interpretation of the precession of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 590, A46.	2.1	14
27	Aswan site on comet 67P/Churyumov-Gerasimenko: Morphology, boulder evolution, and spectrophotometry. Astronomy and Astrophysics, 2016, 592, A69.	2.1	53
28	Observations and analysis of a curved jet in the coma of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 588, L3.	2.1	34
29	Photometry of dust grains of comet 67P and connection with nucleus regions. Astronomy and Astrophysics, 2016, 588, A59.	2.1	10
30	Physical properties and dynamical relation of the circular depressions on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 591, A132.	2.1	22
31	CHANGES IN THE PHYSICAL ENVIRONMENT OF THE INNER COMA OF 67P/CHURYUMOV-GERASIMENKO WITH DECREASING HELIOCENTRIC DISTANCE. Astronomical Journal, 2016, 152, 130.	1.9	36
32	The Agilkia boulders/pebbles size-frequency distributions: OSIRIS and ROLIS joint observations of 67P surface. Monthly Notices of the Royal Astronomical Society, 2016, 462, S242-S252.	1.6	15
33	The primordial nucleus of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 592, A63.	2.1	159
34	Size-frequency distribution of boulders ≥ 10 m on comet 103P/Hartley 2. Astronomy and Astrophysics, 2016, 585, A85.	2.1	23
35	Scientific assessment of the quality of OSIRIS images. Astronomy and Astrophysics, 2015, 583, A46.	2.1	67
36	Characterization of OSIRIS NAC filters for the interpretation of multispectral data of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A45.	2.1	8

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37	OSIRIS observations of meter-sized exposures of H ₂ O ice at the surface of 67P/Churyumov-Gerasimenko and interpretation using laboratory experiments. <i>Astronomy and Astrophysics</i> , 2015, 583, A25.	2.1	97
38	Redistribution of particles across the nucleus of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A17.	2.1	149
39	Morphology and dynamics of the jets of comet 67P/Churyumov-Gerasimenko: Early-phase development. <i>Astronomy and Astrophysics</i> , 2015, 583, A11.	2.1	33
40	67P/Churyumov-Gerasimenko: Activity between March and June 2014 as observed from Rosetta/OSIRIS. <i>Astronomy and Astrophysics</i> , 2015, 573, A62.	2.1	60
41	Spectrophotometric properties of the nucleus of comet 67P/Churyumov-Gerasimenko from the OSIRIS instrument onboard the ROSETTA spacecraft. <i>Astronomy and Astrophysics</i> , 2015, 583, A30.	2.1	188
42	Regional surface morphology of comet 67P/Churyumov-Gerasimenko from Rosetta/OSIRIS images. <i>Astronomy and Astrophysics</i> , 2015, 583, A26.	2.1	153
43	Geomorphology of the Imhotep region on comet 67P/Churyumov-Gerasimenko from OSIRIS observations. <i>Astronomy and Astrophysics</i> , 2015, 583, A35.	2.1	59
44	Size-frequency distribution of boulders >7 m on comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A37.	2.1	108
45	Geomorphology and spectrophotometry of Philae's landing site on comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A41.	2.1	41
46	Large-scale dust jets in the coma of 67P/Churyumov-Gerasimenko as seen by the OSIRIS instrument onboard Rosetta. <i>Astronomy and Astrophysics</i> , 2015, 583, A9.	2.1	39
47	Orbital elements of the material surrounding comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A16.	2.1	23
48	Pre-hibernation performances of the OSIRIS cameras onboard the Rosetta spacecraft. <i>Astronomy and Astrophysics</i> , 2015, 574, A123.	2.1	14
49	On the nucleus structure and activity of comet 67P/Churyumov-Gerasimenko. <i>Science</i> , 2015, 347, aaa1044.	6.0	366
50	The morphological diversity of comet 67P/Churyumov-Gerasimenko. <i>Science</i> , 2015, 347, aaa0440.	6.0	259
51	Large heterogeneities in comet 67P as revealed by active pits from sinkhole collapse. <i>Nature</i> , 2015, 523, 63-66.	13.7	158
52	Two independent and primitive envelopes of the bilobate nucleus of comet 67P. <i>Nature</i> , 2015, 526, 402-405.	13.7	141
53	Search for satellites near comet 67P/Churyumov-Gerasimenko using Rosetta/OSIRIS images. <i>Astronomy and Astrophysics</i> , 2015, 583, A19.	2.1	13
54	PHOBOS AS A D-TYPE CAPTURED ASTEROID, SPECTRAL MODELING FROM 0.25 TO 4.0 μm. <i>Astrophysical Journal</i> , 2013, 777, 127.	1.6	54

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55	Determination of ghost images for the wide angle camera of the Rosetta ESA mission. Proceedings of SPIE, 2012, , .	0.8	1
56	Spectrophotometric investigation of Phobos with the Rosetta OSIRIS-NAC camera and implications for its collisional capture. Monthly Notices of the Royal Astronomical Society, 2012, 427, 3230-3243.	1.6	47
57	(21) Lutetia spectrophotometry from Rosetta-OSIRIS images and comparison to ground-based observations. Planetary and Space Science, 2012, 66, 43-53.	0.9	31
58	The backscattering ratio of comet 67P/Churyumov-Gerasimenko dust coma as seen by OSIRIS onboard Rosetta. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	6