Marco Fulle

List of Publications by Year
in descending order

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197	9,176	31976	49909
papers	citations	53 h-index	87 g-index

198	198	198	2499
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the nucleus structure and activity of comet 67P/Churyumov-Gerasimenko. Science, 2015, 347, aaa1044.	12.6	366
2	Dust measurements in the coma of comet 67P/Churyumov-Gerasimenko inbound to the Sun. Science, 2015, 347, aaa3905.	12.6	310
3	OSIRIS â€“ The Scientific Camera System Onboard Rosetta. Space Science Reviews, 2007, 128, 433-506.	8.1	286
4	The morphological diversity of comet 67P/Churyumov-Gerasimenko. Science, 2015, 347, aaa0440.	12.6	259
5	The global shape, density and rotation of Comet 67P/Churyumov-Gerasimenko from preperihelion Rosetta/OSIRIS observations. Icarus, 2016, 277, 257-278.	2.5	252
6	Shape model, reference system definition, and cartographic mapping standards for comet 67P/Churyumov-Gerasimenko â€“ Stereo-photogrammetric analysis of Rosetta/OSIRIS image data. Astronomy and Astrophysics, 2015, 583, A33.	5.1	188
7	Spectrophotometric properties of the nucleus of comet 67P/Churyumov-Gerasimenko from the OSIRIS instrument onboard the ROSETTA spacecraft. Astronomy and Astrophysics, 2015, 583, A30.	5.1	188
8	Images of Asteroid 21 Lutetia: A Remnant Planetesimal from the Early Solar System. Science, 2011, 334, 487-490.	12.6	179
9	Insolation, erosion, and morphology of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A34.	5.1	173
10	The primordial nucleus of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 592, A63.	5.1	159
11	Large heterogeneities in comet 67P as revealed by active pits from sinkhole collapse. Nature, 2015, 523, 63-66.	27.8	158
12	EVOLUTION OF THE DUST SIZE DISTRIBUTION OF COMET 67P/CHURYUMOVâ€“GERASIMENKO FROM 2.2 au TO PERIHELION. Astrophysical Journal, 2016, 821, 19.	4.5	158
13	Regional surface morphology of comet 67P/Churyumov-Gerasimenko from Rosetta/OSIRIS images. Astronomy and Astrophysics, 2015, 583, A26.	5.1	153
14	Redistribution of particles across the nucleus of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A17.	5.1	149
15	Evidence for the formation of comet 67P/Churyumov-Gerasimenko through gravitational collapse of a bound clump of pebbles. Monthly Notices of the Royal Astronomical Society, 2017, 469, S755-S773.	4.4	146
16	Two independent and primitive envelopes of the bilobate nucleus of comet 67P. Nature, 2015, 526, 402-405.	27.8	141
17	DENSITY AND CHARGE OF PRISTINE FLUFFY PARTICLES FROM COMET 67P/CHURYUMOVâ€“GERASIMENKO. Astrophysical Journal Letters, 2015, 802, L12.	8.3	130
18	E-Type Asteroid (2867) Steins as Imaged by OSIRIS on Board Rosetta. Science, 2010, 327, 190-193.	12.6	120

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19	Gravitational slopes, geomorphology, and material strengths of the nucleus of comet 67P/Churyumov-Gerasimenko from OSIRIS observations. Astronomy and Astrophysics, 2015, 583, A32.	5.1	113
20	Summer fireworks on comet 67P. Monthly Notices of the Royal Astronomical Society, 2016, 462, S184-S194.	4.4	112
21	Comet 67P/Churyumovâ€“Gerasimenko preserved the pebbles that formed planetesimals. Monthly Notices of the Royal Astronomical Society, 2016, 462, S132-S137.	4.4	111
22	Seasonal mass transfer on the nucleus of comet 67P/Chuyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 469, S357-S371.	4.4	111
23	Size-frequency distribution of boulders â‰¥7 m on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A37.	5.1	108
24	The global meter-level shape model of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2017, 607, L1.	5.1	107
25	Neutral Sodium from Comet Hale-Bopp: A Third Type of Tail. Astrophysical Journal, 1997, 490, L199-L202.	4.5	107
26	In Situ Dust Measurements From within the Coma of 1P/Halley: First-Order Approximation with a Dust Dynamical Model. Astronomical Journal, 2000, 119, 1968-1977.	4.7	104
27	Are fractured cliffs the source of cometary dust jets? Insights from OSIRIS/Rosetta at 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 587, A14.	5.1	102
28	The pristine interior of comet 67P revealed by the combined Aswan outburst and cliff collapse. Nature Astronomy, 2017, 1, .	10.1	100
29	Synthesis of the morphological description of cometary dust at comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2019, 630, A24.	5.1	100
30	OSIRIS observations of meter-sized exposures of H₂O ice at the surface of 67P/Churyumov-Gerasimenko and interpretation using laboratory experiments. Astronomy and Astrophysics, 2015, 583, A25.	5.1	97
31	Rosettaâ€™s comet 67P/Churyumov-Gerasimenko sheds its dusty mantle to reveal its icy nature. Science, 2016, 354, 1566-1570.	12.6	97
32	Cometary Dust. Space Science Reviews, 2018, 214, 1.	8.1	88
33	GIADA: shining a light on the monitoring of the comet dust production from the nucleus of 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A13.	5.1	87
34	Regional surface morphology of comet 67P/Churyumov-Gerasimenko from Rosetta/OSIRIS images: The southern hemisphere. Astronomy and Astrophysics, 2016, 593, A110.	5.1	86
35	The rotation state of 67P/Churyumov-Gerasimenko from approach observations with the OSIRIS cameras on Rosetta. Astronomy and Astrophysics, 2014, 569, L2.	5.1	81
36	The dust-to-ices ratio in comets and Kuiper belt objects. Monthly Notices of the Royal Astronomical Society, 2017, 469, S45-S49.	4.4	81

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37	Comet 67P/Churyumov-Gerasimenko: the GIADA dust environment model of the Rosetta mission target. Astronomy and Astrophysics, 2010, 522, A63.	5.1	78
38	The Grain Impact Analyser and Dust Accumulator (GIADA) Experiment for the Rosetta Mission: Design, Performances and First Results. Space Science Reviews, 2007, 128, 803-821.	8.1	76
39	Fractures on comet 67P/Churyumovâ€Gerasimenko observed by Rosetta/OSIRIS. Geophysical Research Letters, 2015, 42, 5170-5178.	4.0	71
40	Scientific assessment of the quality of OSIRIS images. Astronomy and Astrophysics, 2015, 583, A46.	5.1	67
41	Detection of exposed H₂O ice on the nucleus of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 595, A102.	5.1	67
42	Surface changes on comet 67P/Churyumov-Gerasimenko suggest a more active past. Science, 2017, 355, 1392-1395.	12.6	63
43	67P/Churyumov-Gerasimenko: Activity between March and June 2014 as observed from Rosetta/OSIRIS. Astronomy and Astrophysics, 2015, 573, A62.	5.1	60
44	Temporal morphological changes in the Imhotep region of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A36.	5.1	60
45	The 2016 Feb 19 outburst of comet 67P/CG: an ESA Rosetta multi-instrument study. Monthly Notices of the Royal Astronomical Society, 2016, 462, S220-S234.	4.4	60
46	Geomorphology of the Imhotep region on comet 67P/Churyumov-Gerasimenko from OSIRIS observations. Astronomy and Astrophysics, 2015, 583, A35.	5.1	59
47	Dust particle flux and size distribution in the coma of 67P/Churyumov-Gerasimenko measured in situ by the COSIMA instrument on board Rosetta. Astronomy and Astrophysics, 2016, 596, A87.	5.1	59
48	The refractory-to-ice mass ratio in comets. Monthly Notices of the Royal Astronomical Society, 2019, 482, 3326-3340.	4.4	59
49	Fractal dust constrains the collisional history of comets. Monthly Notices of the Royal Astronomical Society, 2017, 469, S39-S44.	4.4	58
50	The dust environment of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2004, 422, 357-368.	5.1	58
51	Sunset jets observed on comet 67P/Churyumov-Gerasimenko sustained by subsurface thermal lag. Astronomy and Astrophysics, 2016, 586, A7.	5.1	55
52	Comet 67P/Churyumov-Gerasimenko: Constraints on its origin from OSIRIS observations. Astronomy and Astrophysics, 2015, 583, A44.	5.1	53
53	Aswan site on comet 67P/Churyumov-Gerasimenko: Morphology, boulder evolution, and spectrophotometry. Astronomy and Astrophysics, 2016, 592, A69.	5.1	53
54	Unexpected and significant findings in comet 67P/Churyumovâ€“Gerasimenko: an interdisciplinary view. Monthly Notices of the Royal Astronomical Society, 2016, 462, S2-S8.	4.4	53

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55	Acceleration of individual, decimetre-sized aggregates in the lower coma of comet 67P/Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2016, 462, S78-S88.	4.4	52
56	Dust from short-period comet P/Schwassmannâ€“Wachmann 1 and replenishment of the interplanetary dust cloud. Nature, 1992, 359, 42-44.	27.8	51
57	An advanced physical model of cometary activity. Planetary and Space Science, 2002, 50, 983-1024.	1.7	50
58	Discovery of the Atomic Iron Tail of Comet M c Naught Using the Heliospheric Imager on STEREO. Astrophysical Journal, 2007, 661, L93-L96.	4.5	48
59	67P/C-G inner coma dust properties from 2.2 au inbound to 2.0 au outbound to the Sun. Monthly Notices of the Royal Astronomical Society, 2016, 462, S210-S219.	4.4	46
60	How comets work: nucleus erosion versus dehydration. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4039-4044.	4.4	46
61	Evidence of sub-surface energy storage in comet 67P from the outburst of 2016 July 03. Monthly Notices of the Royal Astronomical Society, 2017, 469, s606-s625.	4.4	45
62	On the activity of comets: understanding the gas and dust emission from comet 67/Churyumovâ€“Gerasimenkoâ€™s south-pole region during perihelion. Monthly Notices of the Royal Astronomical Society, 2020, 493, 3690-3715.	4.4	45
63	Motion of Cometary Dust. , 2004, , 565-576.		45
64	The scattering phase function of comet 67P/Churyumovâ€“Gerasimenko coma as seen from the Rosetta/OSIRIS instrument. Monthly Notices of the Royal Astronomical Society, 2017, 469, S404-S415.	4.4	44
65	Seasonal erosion and restoration of the dust cover on comet 67P/Churyumov-Gerasimenko as observed by OSIRIS onboard Rosetta. Astronomy and Astrophysics, 2017, 604, A114.	5.1	43
66	Dust mass distribution around comet 67P/Churyumovâ€“Gerasimenko determined via parallax measurements using Rosetta's OSIRIS cameras. Monthly Notices of the Royal Astronomical Society, 2017, 469, S276-S284.	4.4	43
67	Variegation of comet 67P/Churyumov-Gerasimenko in regions showing activity. Astronomy and Astrophysics, 2016, 586, A80.	5.1	43
68	Rosetta begins its Comet Tale. Science, 2015, 347, 387-387.	12.6	42
69	Geomorphology and spectrophotometry of Philaeâ€™s landing site on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A41.	5.1	41
70	The pebbles/boulders size distributions on Sais: Rosettaâ€™s final landing site on comet 67P/Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 469, S636-S645.	4.4	40
71	Tensile strength of 67P/Churyumovâ€“Gerasimenko nucleus material from overhangs. Astronomy and Astrophysics, 2018, 611, A33.	5.1	40
72	Large-scale dust jets in the coma of 67P/Churyumov-Gerasimenko as seen by the OSIRIS instrument onboard Rosetta. Astronomy and Astrophysics, 2015, 583, A9.	5.1	39

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73	The dust environment of comet 67P/Churyumov-Gerasimenko from Rosetta OSIRIS and VLT observations in the 4.5 to 2.9 AU heliocentric distance range inbound. Astronomy and Astrophysics, 2016, 587, A155.	5.1	39
74	Thermal modelling of water activity on comet 67P/Churyumov-Gerasimenko with global dust mantle and plural dust-to-ice ratio. Monthly Notices of the Royal Astronomical Society, 2017, 469, S295-S311.	4.4	39
75	The distant activity of short-period comets â€“ I. Monthly Notices of the Royal Astronomical Society, 2007, 381, 713-722.	4.4	37
76	The Preperihelion Dust Environment of C/1995 O1 Hale-Bopp from 13 to 4 AU. Astronomical Journal, 1998, 116, 1470-1477.	4.7	36
77	CHANGES IN THE PHYSICAL ENVIRONMENT OF THE INNER COMA OF 67P/CHURYUMOVâ€“GERASIMENKO WITH DECREASING HELIOCENTRIC DISTANCE. Astronomical Journal, 2016, 152, 130.	4.7	36
78	Gas outflow and dust transport of comet 67P/Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2016, 462, S533-S546.	4.4	34
79	Observations and analysis of a curved jet in the coma of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 588, L3.	5.1	34
80	The distant activity of Short Period Comets^{â˜…}- II.. Monthly Notices of the Royal Astronomical Society, 2008, 390, 265-280.	4.4	33
81	Morphology and dynamics of the jets of comet 67P/Churyumov-Gerasimenko: Early-phase development. Astronomy and Astrophysics, 2015, 583, A11.	5.1	33
82	Constraints on cometary surface evolution derived from a statistical analysis of 67Pâ€™s topography. Monthly Notices of the Royal Astronomical Society, 2017, 469, S329-S338.	4.4	33
83	Meter-scale thermal contraction crack polygons on the nucleus of comet 67P/Churyumov-Gerasimenko. Icarus, 2018, 301, 173-188.	2.5	33
84	Asymptotics for spherical particle motion in a spherically expanding flow. Icarus, 2018, 312, 121-127.	2.5	32
85	Regional unit definition for the nucleus of comet 67P/Churyumov-Gerasimenko on the SHAP7 model. Planetary and Space Science, 2018, 164, 19-36.	1.7	32
86	ISOCAM Imaging of Comets 65P/Gunn and 46P/Wirtanen. Icarus, 1998, 134, 35-46.	2.5	31
87	Title is missing!. Earth, Moon and Planets, 2002, 90, 227-238.	0.6	31
88	GIADA: ITS STATUS AFTER THE ROSETTA CRUISE PHASE AND ON-GROUND ACTIVITY IN SUPPORT OF THE ENCOUNTER WITH COMET 67P/CHURYUMOV-GERASIMENKO. Journal of Astronomical Instrumentation, 2014, 03, .	1.5	31
89	The highly active Anhurâ€“Bes regions in the 67P/Churyumovâ€“Gerasimenko comet: results from OSIRIS/ROSETTA observations. Monthly Notices of the Royal Astronomical Society, 2017, 469, S93-S107.	4.4	30
90	A mini outburst from the nightside of comet 67P/Churyumov-Gerasimenko observed by the OSIRIS camera on Rosetta. Astronomy and Astrophysics, 2016, 596, A89.	5.1	29

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91	The dust coma of the active Centaur P/2004 A1 (LONEOS): a CO-driven environment?. Astronomy and Astrophysics, 2006, 460, 935-944.	5.1	28
92	Observations of Comet 9P/Tempel 1 around the Deep Impact event by the OSIRIS cameras onboard Rosetta. Icarus, 2007, 187, 87-103.	2.5	27
93	Geologic mapping of the Comet 67P/Churyumovâ€“Gerasimenko's Northern hemisphere. Monthly Notices of the Royal Astronomical Society, 2016, 462, S352-S367.	4.4	27
94	The southern hemisphere of 67P/Churyumov-Gerasimenko: Analysis of the preperihelion size-frequency distribution of boulders â‰¥7 m. Astronomy and Astrophysics, 2016, 592, L2.	5.1	27
95	Photometrical analysis of the Neck-Line Structure of Comet Bennett 1970II. Icarus, 1988, 74, 383-398.	2.5	26
96	Rotating dust particles in the coma of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A14.	5.1	26
97	Characterization of the Abydos region through OSIRIS high-resolution images in support of CIVA measurements. Astronomy and Astrophysics, 2016, 585, L1.	5.1	26
98	Decimetre-scaled spectrophotometric properties of the nucleus of comet 67P/Churyumovâ€“Gerasimenko from OSIRIS observations. Monthly Notices of the Royal Astronomical Society, 2016, 462, S287-S303.	4.4	26
99	The distant activity of the Long Period Comets C/2003 O1 (LINEAR) and C/2004 K1 (Catalina). Astronomy and Astrophysics, 2009, 502, 355-365.	5.1	25
100	Dynamics of aspherical dust grains in a cometary atmosphere: I. axially symmetric grains in a spherically symmetric atmosphere. Icarus, 2017, 282, 333-350.	2.5	25
101	The Dust Environment of Comet 46P/Wirtanen at Perihelion: A Period of Decreasing Activity?. Icarus, 2000, 145, 239-251.	2.5	24
102	Long-term survival of surface water ice on comet 67P. Monthly Notices of the Royal Astronomical Society, 2017, 469, S582-S597.	4.4	24
103	Osirisâ€”The optical, spectroscopic and infrared remote imaging system for the Rosetta Orbiter. Advances in Space Research, 1998, 21, 1505-1515.	2.6	23
104	Orbital elements of the material surrounding comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A16.	5.1	23
105	Sublimation of icy aggregates in the coma of comet 67P/Churyumovâ€“Gerasimenko detected with the OSIRIS cameras on boardRosetta. Monthly Notices of the Royal Astronomical Society, 2016, 462, S57-S66.	4.4	23
106	Geomorphological mapping of comet 67P/Churyumovâ€“Gerasimenkoâ€™s Southern hemisphere. Monthly Notices of the Royal Astronomical Society, 2016, 462, S573-S592.	4.4	23
107	Investigating the physical properties of outbursts on comet 67P/Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 469, S731-S740.	4.4	23
108	Physical properties and dynamical relation of the circular depressions on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 591, A132.	5.1	22

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109	The opposition effect of 67P/Churyumovâ€“Gerasimenko on post-perihelion Rosetta images. Monthly Notices of the Royal Astronomical Society, 2017, 469, S550-S567.	4.4	22
110	A three-dimensional modelling of the layered structure of comet 67P/Churyumov-Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 469, S741-S754.	4.4	22
111	Bilobate comet morphology and internal structure controlled by shear deformation. Nature Geoscience, 2019, 12, 157-162.	12.9	22
112	On deviations from free-radial outflow in the inner coma of comet 67P/Churyumovâ€“Gerasimenko. Icarus, 2018, 311, 1-22.	2.5	21
113	Spectrophotometry of the Khonsu region on the comet 67P/Churyumovâ€“Gerasimenko using OSIRIS instrument images. Monthly Notices of the Royal Astronomical Society, 2016, 462, S274-S286.	4.4	20
114	The phase function and density of the dust observed at comet 67P/Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2835-2839.	4.4	20
115	Models of Rosetta/OSIRIS 67P Dust Coma Phase Function. Astronomical Journal, 2018, 156, 237.	4.7	20
116	GIADA microbalance measurements on board Rosetta: submicrometer- to micrometer-sized dust particle flux in the coma of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2019, 630, A25.	5.1	20
117	Macro and micro structures of pebble-made cometary nuclei reconciled by seasonal evolution. Nature Astronomy, 2022, 6, 546-553.	10.1	20
118	Multicolor Photometry of the Uranus Irregular Satellites Sycorax and Caliban. Astronomical Journal, 2001, 121, 2800-2803.	4.7	19
119	GIADA â€“ Grain Impact Analyzer and Dust Accumulator â€“ Onboard Rosetta spacecraft: Extended calibrations. Acta Astronautica, 2016, 126, 205-214.	3.2	19
120	Coma morphology of comet 67P controlled by insolation over irregular nucleus. Nature Astronomy, 2018, 2, 562-567.	10.1	19
121	Experimental Phase Function and Degree of Linear Polarization Curves of Millimeter-sized Cosmic Dust Analogs. Astrophysical Journal, Supplement Series, 2020, 247, 19.	7.7	19
122	The Death of Comet Tabur 1996 Q1: The Tail without the Comet. Icarus, 1998, 134, 235-248.	2.5	18
123	Comparative study of water ice exposures on cometary nuclei using multispectral imaging data. Monthly Notices of the Royal Astronomical Society, 2016, 462, S394-S414.	4.4	18
124	How Comets Work. Astrophysical Journal Letters, 2019, 879, L8.	8.3	18
125	Linking surface morphology, composition, and activity on the nucleus of 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2019, 630, A7.	5.1	18
126	Dust Environment Model of the Interstellar Comet 2I/Borisov. Astrophysical Journal Letters, 2020, 893, L12.	8.3	18

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127	Post-perihelion photometry of dust grains in the coma of 67P Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 469, S195-S203.	4.4	17
128	The Agilkia boulders/pebbles sizeâ€“frequency distributions: OSIRIS and ROLIS joint observations of 67P surface. Monthly Notices of the Royal Astronomical Society, 2016, 462, S242-S252.	4.4	15
129	Exposed bright features on the comet 67P/Churyumovâ€“Gerasimenko: distribution and evolution. Astronomy and Astrophysics, 2018, 613, A36.	5.1	15
130	Surface evolution of the Anhur region on comet 67P/Churyumov-Gerasimenko from high-resolution OSIRIS images. Astronomy and Astrophysics, 2019, 630, A13.	5.1	15
131	67P/Churyumovâ€“Gerasimenkoâ€™s dust activity from pre- to post-perihelion as detected by Rosetta/GIADA. Monthly Notices of the Royal Astronomical Society, 2020, 496, 125-137.	4.4	15
132	Nucleus-Coma Structural Relationships:. , 2004, , 471-504.		15
133	Photometrical analysis of the Neck-Line Structure of Comet Halley. Icarus, 1989, 80, 267-279.	2.5	14
134	Triple Fâ€”a comet nucleus sample return mission. Experimental Astronomy, 2009, 23, 809-847.	3.7	14
135	Possible interpretation of the precession of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 590, A46.	5.1	14
136	Long-term monitoring of comet 67P/Churyumovâ€“Gerasimenkoâ€™s jets with OSIRIS onboard Rosetta. Monthly Notices of the Royal Astronomical Society, 2017, 469, S380-S385.	4.4	13
137	Dynamics of non-spherical dust in the coma of 67P/Churyumovâ€“ Gerasimenko constrained by GIADA and ROSINA data. Monthly Notices of the Royal Astronomical Society, 2017, 469, S774-S786.	4.4	13
138	Time evolution of dust deposits in the Hapi region of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2020, 636, A91.	5.1	13
139	Search for satellites near comet 67P/Churyumov-Gerasimenko using Rosetta/OSIRIS images. Astronomy and Astrophysics, 2015, 583, A19.	5.1	13
140	Constraints on comet 46P/Wirtanen dust parameters provided by in-situ and ground-based observations. Planetary and Space Science, 1999, 47, 827-837.	1.7	12
141	Observations of Comet 9P/Tempel 1 around the Deep Impact event by the OSIRIS cameras onboard Rosetta. Icarus, 2007, 191, 241-257.	2.5	12
142	Modelling of the outburst on 2015 July 29 observed with OSIRIS cameras in the Southern hemisphere of comet 67P/Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 469, S178-S185.	4.4	12
143	Cometary coma dust size distribution from in situ IR spectra. Monthly Notices of the Royal Astronomical Society, 2017, 469, S598-S605.	4.4	12
144	Characterization of dust aggregates in the vicinity of the Rosetta spacecraft. Monthly Notices of the Royal Astronomical Society, 2017, 469, S312-S320.	4.4	12

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145	CO-driven activity constrains the origin of comets. Astronomy and Astrophysics, 2020, 636, L3.	5.1	12
146	Opposition effect on comet 67P/Churyumov-Gerasimenko using Rosetta-OSIRIS images. Astronomy and Astrophysics, 2017, 599, A11.	5.1	11
147	Multivariate statistical analysis of OSIRIS/Rosetta spectrophotometric data of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2017, 600, A115.	5.1	11
148	The GIADA experiment for ROSETTA mission to comet 46P/wirtanen: Design and performances. Advances in Space Research, 1999, 24, 1139-1148.	2.6	10
149	The Near-Nuclear Coma of Comet Halley in March 1986. Earth, Moon and Planets, 2002, 90, 435-443.	0.6	10
150	Comet McNaught C/2006 P1: observation of the sodium emission by the solar telescope THEMIS. Astronomy and Astrophysics, 2008, 482, 293-298.	5.1	10
151	Photometry of dust grains of comet 67P and connection with nucleus regions. Astronomy and Astrophysics, 2016, 588, A59.	5.1	10
152	Practical relations for assessments of the gas coma parameters. Icarus, 2021, 354, 114091.	2.5	10
153	Interpretation through experimental simulations of phase functions revealed by Rosetta in 67P/Churyumov-Gerasimenko dust coma. Astronomy and Astrophysics, 2019, 630, A20.	5.1	9
154	Multidisciplinary analysis of the Hapi region located on Comet 67P/Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2139-2154.	4.4	9
155	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.	5.1	9
156	Seasonal variations in source regions of the dust jets on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2019, 630, A17.	5.1	9
157	The Rockyâ€Like Behavior of Cometary Landslides on 67P/Churyumovâ€Gerasimenko. Geophysical Research Letters, 2019, 46, 14336-14346.	4.0	9
158	Characterization of OSIRIS NAC filters for the interpretation of multispectral data of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A45.	5.1	8
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