

# Gabriele Cremonese

## List of Publications by Year in descending order

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275  
papers

9,699  
citations

36303

51  
h-index

51608

86  
g-index

281  
all docs

281  
docs citations

281  
times ranked

3660  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling reconstruction and boulder size-frequency distribution of a young (<math>5\text{Myr}</math>) landslide located in Simud Vallis floor, Mars. <i>Icarus</i> , 2022, 375, 114850.	2.5	4
2	Comparative Na and K Mercury and Moon Exospheres. <i>Space Science Reviews</i> , 2022, 218, 1.	8.1	12
3	Subpixel-Scale Topography Retrieval of Mars Using Single-Image DTM Estimation and Super-Resolution Restoration. <i>Remote Sensing</i> , 2022, 14, 257.	4.0	3
4	Spectral Units Analysis of Quadrangle H05â€Hokusai on Mercury. <i>Journal of Geophysical Research E: Planets</i> , 2022, 127, .	3.6	7
5	An analysis of possible asteroids flyby for the ESA JUICE mission. <i>Planetary and Space Science</i> , 2022, 216, 105476.	1.7	2
6	The SSDC Role in the LICIACube Mission: Data Management and the MATISSE Tool. <i>Planetary Science Journal</i> , 2022, 3, 126.	3.6	2
7	Hyperspectral Data Compression Using Fully Convolutional Autoencoder. <i>Remote Sensing</i> , 2022, 14, 2472.	4.0	8
8	Expected Investigation of the (65803) Didymosâ€Dimorphos System Using the RGB Spectrophotometry Data Set from the LICIACube Unit Key Explorer (LUKE) Wide-angle Camera. <i>Planetary Science Journal</i> , 2022, 3, 161.	3.6	7
9	SERENA: Particle Instrument Suite for Determining the Sun-Mercury Interaction from BepiColombo. <i>Space Science Reviews</i> , 2021, 217, 11.	8.1	26
10	Blocks Size Frequency Distribution in the Enceladus Tiger Stripes Area: Implications on Their Formative Processes. <i>Universe</i> , 2021, 7, 82.	2.5	9
11	Observational constraints to the dynamics of dust particles in the coma of comet 67P/Churyumovâ€Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4687-4705.	4.4	5
12	3DPD: A photogrammetric pipeline for a PUSH frame stereo cameras. <i>Planetary and Space Science</i> , 2021, 198, 105165.	1.7	13
13	Morphological and Spectral Diversity of the Clay-Bearing Unit at the ExoMars Landing Site Oxia Planum. <i>Astrobiology</i> , 2021, 21, 464-480.	3.0	35
14	Long-term measurements of the erosion and accretion of dust deposits on comet 67P/Churyumovâ€Gerasimenko with the OSIRIS instrument. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2895-2910.	4.4	7
15	Meteoroids as One of the Sources for Exosphere Formation on Airless Bodies in the Inner Solar System. <i>Space Science Reviews</i> , 2021, 217, 1.	8.1	14
16	Optical performance evaluation of the high spatial resolution imaging camera of BepiColombo space mission. <i>Optics and Laser Technology</i> , 2021, 141, 107172.	4.6	4
17	Laboratory characterization of HYPPOS, a novel 4D remote sensing instrument. , 2021, , .		1
18	A high-spectral-resolution catalog of emission lines in the visible spectrum of comet C/2020 F3 (NEOWISE). <i>Astronomy and Astrophysics</i> , 2021, 656, A160.	5.1	2

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19	The geography of Oxia Planum. <i>Journal of Maps</i> , 2021, 17, 621-637.	2.0	16
20	Characterisation of the main belt asteroid (223) Rosa. <i>Astronomy and Astrophysics</i> , 2021, 656, L18.	5.1	9
21	Martian Ice Revealed by Modeling of Simple Terraced Crater Formation. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2019JE006108.	3.6	1
22	Time evolution of dust deposits in the Hapi region of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2020, 636, A91.	5.1	13
23	Temporal evolution of the permanent shadowed regions at Mercury poles: applications for spectral detection of ices by SIMBIOSYS-VIHI on BepiColombo mission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 1308-1318.	4.4	3
24	SIMBIO-SYS: Scientific Cameras and Spectrometer for the BepiColombo Mission. <i>Space Science Reviews</i> , 2020, 216, 1.	8.1	47
25	Rationale for BepiColombo Studies of Mercury's Surface and Composition. <i>Space Science Reviews</i> , 2020, 216, 1.	8.1	46
26	Development of a simulator of the SIMBIOSYS suite onboard the BepiColombo mission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 1673-1689.	4.4	1
27	Dust Environment Model of the Interstellar Comet 2I/Borisov. <i>Astrophysical Journal Letters</i> , 2020, 893, L12.	8.3	18
28	Spectrophotometric variegation of the layering in comet 67P/Churyumov-Gerasimenko as seen by OSIRIS. <i>Astronomy and Astrophysics</i> , 2019, 630, A16.	5.1	2
29	Radiometric calibration of the SIMBIO-SYS STereo imaging Channel. <i>CEAS Space Journal</i> , 2019, 11, 485-496.	2.3	1
30	Timescales of the Climate Record in the South Polar Ice Cap of Mars. <i>Geophysical Research Letters</i> , 2019, 46, 7268-7277.	4.0	26
31	SIMBIO-SYS/STC stereo camera calibration: Geometrical distortion. <i>Review of Scientific Instruments</i> , 2019, 90, 043106.	1.3	6
32	Multidisciplinary analysis of the Hapi region located on Comet 67P/Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 2139-2154.	4.4	9
33	Bilobate comet morphology and internal structure controlled by shear deformation. <i>Nature Geoscience</i> , 2019, 12, 157-162.	12.9	22
34	Pronounced morphological changes in a southern active zone on comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2019, 630, A8.	5.1	7
35	Rosetta/OSIRIS observations of the 67P nucleus during the April 2016 flyby: high-resolution spectrophotometry. <i>Astronomy and Astrophysics</i> , 2019, 630, A9.	5.1	6
36	Phase-curve analysis of comet 67P/Churyumov-Gerasimenko at small phase angles. <i>Astronomy and Astrophysics</i> , 2019, 630, A11.	5.1	1

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37	Surface evolution of the Anhur region on comet 67P/Churyumov-Gerasimenko from high-resolution OSIRIS images. <i>Astronomy and Astrophysics</i> , 2019, 630, A13.	5.1	15
38	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. <i>Astronomy and Astrophysics</i> , 2019, 630, A23.	5.1	9
39	Seasonal variations in source regions of the dust jets on comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2019, 630, A17.	5.1	9
40	Quantitative analysis of isolated boulder fields on comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2019, 630, A15.	5.1	4
41	Linking surface morphology, composition, and activity on the nucleus of 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2019, 630, A7.	5.1	18
42	The Rocky-Like Behavior of Cometary Landslides on 67P/Churyumov-Gerasimenko. <i>Geophysical Research Letters</i> , 2019, 46, 14336-14346.	4.0	9
43	Performance evaluation of the SIMBIO-SYS Stereo Imaging Channel on board BepiColombo/ESA spacecraft. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 135, 828-835.	5.0	5
44	Experimental phase function and degree of linear polarization of cometary dust analogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 2198-2211.	4.4	34
45	Spectral response of the stereo imaging channel of SIMBIO-SYS on-board the ESA BepiColombo Mission. , 2019, , .		1
46	SIMBIOSYS-STC ready for launch: a technical recap. , 2019, , .		1
47	SIMBIO-SYS STC ready for the first light: the radiometric calibration. , 2019, , .		1
48	Optical design of the High Resolution Imaging Channel of SIMBIO-SYS. <i>Applied Optics</i> , 2019, 58, 4059.	1.8	9
49	Optical design performance of the stereo channel for Simbiosys on-board the Bepicolombo ESA mission. , 2019, , .		2
50	SIMBIO-SYS Near Earth Commissioning Phase: a step forward toward Mercury. , 2019, , .		1
51	Image Simulation and Assessment of the Colour and Spatial Capabilities of the Colour and Stereo Surface Imaging System (CaSSIS) on the ExoMars Trace Gas Orbiter. <i>Space Science Reviews</i> , 2018, 214, 1.	8.1	24
52	Geometric calibration of Colour and Stereo Surface Imaging System of ESA's Trace Gas Orbiter. <i>Advances in Space Research</i> , 2018, 61, 487-496.	2.6	9
53	The phase function and density of the dust observed at comet 67P/Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 2835-2839.	4.4	20
54	On deviations from free-radial outflow in the inner coma of comet 67P/Churyumov-Gerasimenko. <i>Icarus</i> , 2018, 311, 1-22.	2.5	21

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55	Meter-scale thermal contraction crack polygons on the nucleus of comet 67P/Churyumov-Gerasimenko. <i>Icarus</i> , 2018, 301, 173-188.	2.5	33
56	Performances of the SIMBIO-SYS Stereo Imaging Channel (STC) on Board BepiColombo/ESA Spacecraft. , 2018, , .		1
57	Models of Rosetta/OSIRIS 67P Dust Coma Phase Function. <i>Astronomical Journal</i> , 2018, 156, 237.	4.7	20
58	Mercury Hollows as Remnants of Original Bedrock Materials and Devolatilization Processes: A Spectral Clustering and Geomorphological Analysis. <i>Journal of Geophysical Research E: Planets</i> , 2018, 123, 2365-2379.	3.6	23
59	Tensile strength of 67P/Churyumov-Gerasimenko nucleus material from overhangs. <i>Astronomy and Astrophysics</i> , 2018, 611, A33.	5.1	40
60	Coma morphology of comet 67P controlled by insolation over irregular nucleus. <i>Nature Astronomy</i> , 2018, 2, 562-567.	10.1	19
61	Regional unit definition for the nucleus of comet 67P/Churyumov-Gerasimenko on the SHAP7 model. <i>Planetary and Space Science</i> , 2018, 164, 19-36.	1.7	32
62	Exposed bright features on the comet 67P/Churyumov-Gerasimenko: distribution and evolution. <i>Astronomy and Astrophysics</i> , 2018, 613, A36.	5.1	15
63	The big lobe of 67P/Churyumov-Gerasimenko comet: morphological and spectrophotometric evidences of layering as from OSIRIS data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 1555-1568.	4.4	7
64	Estimate of depths of source fluids related to mound fields on Mars. <i>Planetary and Space Science</i> , 2018, 164, 164-173.	1.7	13
65	The pre-launch distortion definition of SIMBIO-SYS/STC stereo camera by rational function models. , 2018, , .		2
66	A Mercury surface radiometric model for SIMBIO-SYS instrument suite on board of BepiColombo mission. , 2018, , .		7
67	Opposition effect on comet 67P/Churyumov-Gerasimenko using Rosetta-OSIRIS images. <i>Astronomy and Astrophysics</i> , 2017, 599, A11.	5.1	11
68	Multivariate statistical analysis of OSIRIS/Rosetta spectrophotometric data of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2017, 600, A115.	5.1	11
69	Distance determination method of dust particles using Rosetta OSIRIS NAC and WAC data. <i>Planetary and Space Science</i> , 2017, 143, 256-264.	1.7	8
70	Is the Linn� impact crater morphology influenced by the rheological layering on the Moon's surface? Insights from numerical modeling. <i>Meteoritics and Planetary Science</i> , 2017, 52, 1388-1411.	1.6	5
71	Surface changes on comet 67P/Churyumov-Gerasimenko suggest a more active past. <i>Science</i> , 2017, 355, 1392-1395.	12.6	63
72	The pristine interior of comet 67P revealed by the combined Aswan outburst and cliff collapse. <i>Nature Astronomy</i> , 2017, 1, .	10.1	100

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73	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
74	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
75	Asteroidal and cometary dust flux in the inner solar system. Astronomy and Astrophysics, 2017, 605, A94.	5.1	24
76	The Colour and Stereo Surface Imaging System (CaSSIS) for the ExoMars Trace Gas Orbiter. Space Science Reviews, 2017, 212, 1897-1944.	8.1	111
77	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
78	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
79	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
80	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
81	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
82	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
83	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
84	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
85	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
86	Geomorphological and spectrophotometric analysis of Seth's circular niches on comet 67P/Churyumovâ€™Gerasimenko using OSIRIS images. Monthly Notices of the Royal Astronomical Society, 2017, 469, S238-S251.	4.4	8
87	Effects of image compression and illumination on digital terrain models for the stereo camera of the BepiColombo mission. Planetary and Space Science, 2017, 136, 1-14.	1.7	8
88	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
89	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
90	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

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91	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
92	Post-perihelion photometry of dust grains in the coma of 67P Churyumov-Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 469, S195-S203.	4.4	17
93	Thermophysics of fractures on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2017, 608, A121.	5.1	7
94	The global meter-level shape model of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2017, 607, L1.	5.1	107
95	Long-term survival of surface water ice on comet 67P. Monthly Notices of the Royal Astronomical Society, 2017, 469, S582-S597.	4.4	24
96	Optical design and performance of the Stereoscopic Imaging Channel for the ESA BepiColombo mission., 2017,,.		0
97	Acceleration of individual, decimetre-sized aggregates in the lower coma of comet 67P/Churyumov-Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2016, 462, S78-S88.	4.4	52
98	Geologic mapping of the Comet 67P/Churyumov-Gerasimenko's Northern hemisphere. Monthly Notices of the Royal Astronomical Society, 2016, 462, S352-S367.	4.4	27
99	The southern hemisphere of 67P/Churyumov-Gerasimenko: Analysis of the preperihelion size-frequency distribution of boulders $\geq 7$ m. Astronomy and Astrophysics, 2016, 592, L2.	5.1	27
100	Sunset jets observed on comet 67P/Churyumov-Gerasimenko sustained by subsurface thermal lag. Astronomy and Astrophysics, 2016, 586, A7.	5.1	55
101	Characterization of the Abydos region through OSIRIS high-resolution images in support of CIVA measurements. Astronomy and Astrophysics, 2016, 585, L1.	5.1	26
102	Gas outflow and dust transport of comet 67P/Churyumov-Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2016, 462, S533-S546.	4.4	34
103	Sublimation of icy aggregates in the coma of comet 67P/Churyumov-Gerasimenko detected with the OSIRIS cameras on board Rosetta. Monthly Notices of the Royal Astronomical Society, 2016, 462, S57-S66.	4.4	23
104	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
105	Regional surface morphology of comet 67P/Churyumov-Gerasimenko from Rosetta/OSIRIS images: The southern hemisphere. Astronomy and Astrophysics, 2016, 593, A110.	5.1	86
106	Detection of exposed H <sub>2</sub> O ice on the nucleus of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 595, A102.	5.1	67
107	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
108	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

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109	Possible interpretation of the precession of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2016, 590, A46.	5.1	14
110	A mini outburst from the nightside of comet 67P/Churyumov-Gerasimenko observed by the OSIRIS camera on Rosetta. <i>Astronomy and Astrophysics</i> , 2016, 596, A89.	5.1	29
111	Aswan site on comet 67P/Churyumov-Gerasimenko: Morphology, boulder evolution, and spectrophotometry. <i>Astronomy and Astrophysics</i> , 2016, 592, A69.	5.1	53
112	Observations and analysis of a curved jet in the coma of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2016, 588, L3.	5.1	34
113	Statistical analysis of the flux of micrometeoroids at Mercury from both cometary and asteroidal components. <i>Astronomy and Astrophysics</i> , 2016, 585, A106.	5.1	8
114	Photometry of dust grains of comet 67P and connection with nucleus regions. <i>Astronomy and Astrophysics</i> , 2016, 588, A59.	5.1	10
115	The global shape, density and rotation of Comet 67P/Churyumov-Gerasimenko from preperihelion Rosetta/OSIRIS observations. <i>Icarus</i> , 2016, 277, 257-278.	2.5	252
116	EVOLUTION OF THE DUST SIZE DISTRIBUTION OF COMET 67P/CHURYUMOVâ€™GERASIMENKO FROM 2.2 au TO PERIHELION. <i>Astrophysical Journal</i> , 2016, 821, 19.	4.5	158
117	Spectrophotometry of the Khonsu region on the comet 67P/Churyumovâ€™Gerasimenko using OSIRIS instrument images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S274-S286.	4.4	20
118	The CaSSIS imaging system: optical performance overview. , 2016, , .		1
119	The 2016 Feb 19 outburst of comet 67P/CG: an ESA Rosetta multi-instrument study. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S220-S234.	4.4	60
120	Thin-film optical pass band filters based on new photo-lithographic process for CaSSIS FPA detector on Exomars TGO mission: development, integration, and test. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
121	Geometrical distortion calibration of the stereo camera for the BepiColombo mission to Mercury. <i>Proceedings of SPIE</i> , 2016, , .	0.8	3
122	Physical properties and dynamical relation of the circular depressions on comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2016, 591, A132.	5.1	22
123	Decimetre-scaled spectrophotometric properties of the nucleus of comet 67P/Churyumovâ€™Gerasimenko from OSIRIS observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S287-S303.	4.4	26
124	Rosettaâ€™s comet 67P/Churyumov-Gerasimenko sheds its dusty mantle to reveal its icy nature. <i>Science</i> , 2016, 354, 1566-1570.	12.6	97
125	Origin of the local structures at the Philae landing site and possible implications on the formation and evolution of 67P/Churyumovâ€™Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S23-S32.	4.4	60
126	CHANGES IN THE PHYSICAL ENVIRONMENT OF THE INNER COMA OF 67P/CHURYUMOVâ€™GERASIMENKO WITH DECREASING HELIOCENTRIC DISTANCE. <i>Astronomical Journal</i> , 2016, 152, 130.	4.7	36



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127	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
128	Geomorphological mapping of comet 67P/Churyumovâ€™Gerasimenkoâ€™s Southern hemisphere. Monthly Notices of the Royal Astronomical Society, 2016, 462, S573-S592.	4.4	23
129	Radiometric model for the stereo camera STC onboard the BepiColombo ESA mission. Proceedings of SPIE, 2016, , .	0.8	7
130	The primordial nucleus of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 592, A63.	5.1	159
131	Loss rates of Europa's tenuous atmosphere. Planetary and Space Science, 2016, 130, 14-23.	1.7	14
132	Asymmetries in the dust flux at Mercury. Icarus, 2016, 264, 220-226.	2.5	11
133	Variegation of comet 67P/Churyumov-Gerasimenko in regions showing activity. Astronomy and Astrophysics, 2016, 586, A80.	5.1	43
134	Scientific assessment of the quality of OSIRIS images. Astronomy and Astrophysics, 2015, 583, A46.	5.1	67
135	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
136	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
137	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
138	OSIRIS observations of meter-sized exposures of H <sub>2</sub> O ice at the surface of 67P/Churyumov-Gerasimenko and interpretation using laboratory experiments. Astronomy and Astrophysics, 2015, 583, A25.	5.1	97
139	Redistribution of particles across the nucleus of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A17.	5.1	149
140	Insolation, erosion, and morphology of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A34.	5.1	173
141	Morphology and dynamics of the jets of comet 67P/Churyumov-Gerasimenko: Early-phase development. Astronomy and Astrophysics, 2015, 583, A11.	5.1	33
142	67P/Churyumov-Gerasimenko: Activity between March and June 2014 as observed from Rosetta/OSIRIS. Astronomy and Astrophysics, 2015, 573, A62.	5.1	60
143	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
144	Regional surface morphology of comet 67P/Churyumov-Gerasimenko from Rosetta/OSIRIS images. Astronomy and Astrophysics, 2015, 583, A26.	5.1	153

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145	Geomorphology of the Imhotep region on comet 67P/Churyumov-Gerasimenko from OSIRIS observations. <i>Astronomy and Astrophysics</i> , 2015, 583, A35.	5.1	59
146	Size-frequency distribution of boulders $\geq 7$ m on comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A37.	5.1	108
147	Geomorphology and spectrophotometry of Philae's landing site on comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A41.	5.1	41
148	Comet 67P/Churyumov-Gerasimenko: Constraints on its origin from OSIRIS observations. <i>Astronomy and Astrophysics</i> , 2015, 583, A44.	5.1	53
149	Temporal morphological changes in the Imhotep region of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A36.	5.1	60
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