

Cecilia Tubiana

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1665459/publications.pdf>

Version: 2024-02-01

136
papers

6,964
citations

61984

43
h-index

64796

79
g-index

144
all docs

144
docs citations

144
times ranked

2201
citing authors

#	ARTICLE	IF	CITATIONS
1	AMBITION – comet nucleus cryogenic sample return. <i>Experimental Astronomy</i> , 2022, 54, 1077-1128.	3.7	4
2	A numerical model of dust particle impacts during a cometary encounter with application to ESA’s Comet Interceptor mission. <i>Acta Astronautica</i> , 2022, 195, 243-250.	3.2	3
3	Observational constraints to the dynamics of dust particles in the coma of comet 67P/Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4687-4705.	4.4	5
4	Long-term measurements of the erosion and accretion of dust deposits on comet 67P/Churyumov-Gerasimenko with the OSIRIS instrument. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2895-2910.	4.4	7
5	The Philae lander reveals low-strength primitive ice inside cometary boulders. <i>Nature</i> , 2020, 586, 697-701.	27.8	40
6	Spectrophotometric characterization of the Philae landing site and surroundings with the Rosetta/OSIRIS cameras. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 1221-1238.	4.4	3
7	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
8	Experimental Phase Function and Degree of Linear Polarization Curves of Millimeter-sized Cosmic Dust Analogs. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 19.	7.7	19
9	67P/Churyumov-Gerasimenko’s dust activity from pre- to post-perihelion as detected by Rosetta/GIADA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 125-137.	4.4	15
10	Global-scale brittle plastic rheology at the cometesimals merging of comet 67P/Churyumov-Gerasimenko. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10181-10187.	7.1	5
11	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
12	Compressive strength of comet 67P/Churyumov-Gerasimenko derived from Philae surface contacts. <i>Astronomy and Astrophysics</i> , 2019, 630, A2.	5.1	16
13	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
14	The search campaign to identify and image the Philae Lander on the surface of comet 67P/Churyumov-Gerasimenko. <i>Acta Astronautica</i> , 2019, 157, 199-214.	3.2	9
15	Bilobate comet morphology and internal structure controlled by shear deformation. <i>Nature Geoscience</i> , 2019, 12, 157-162.	12.9	22
16	Pronounced morphological changes in a southern active zone on comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2019, 630, A8.	5.1	7
17	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
18	Synthesis of the morphological description of cometary dust at comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2019, 630, A24.	5.1	100

#	ARTICLE	IF	CITATIONS
19	Phase-curve analysis of comet 67P/Churyumov-Gerasimenko at small phase angles. <i>Astronomy and Astrophysics</i> , 2019, 630, A11.	5.1	1
20	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
21	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
22	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
23	Quantitative analysis of isolated boulder fields on comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2019, 630, A15.	5.1	4
24	Linking surface morphology, composition, and activity on the nucleus of 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2019, 630, A7.	5.1	18
25	The Rocky-Like Behavior of Cometary Landslides on 67P/Churyumov-Gerasimenko. <i>Geophysical Research Letters</i> , 2019, 46, 14336-14346.	4.0	9
26	The proposed Caroline ESA M3 mission to a Main Belt Comet. <i>Advances in Space Research</i> , 2018, 62, 1921-1946.	2.6	9
27	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
28	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
29	Meter-scale thermal contraction crack polygons on the nucleus of comet 67P/Churyumov-Gerasimenko. <i>Icarus</i> , 2018, 301, 173-188.	2.5	33
30	Models of Rosetta/OSIRIS 67P Dust Coma Phase Function. <i>Astronomical Journal</i> , 2018, 156, 237.	4.7	20
31	Tensile strength of 67P/Churyumov-Gerasimenko nucleus material from overhangs (<i>Corrigendum</i>). <i>Astronomy and Astrophysics</i> , 2018, 614, C2.	5.1	0
32	Tensile strength of 67P/Churyumov-Gerasimenko nucleus material from overhangs. <i>Astronomy and Astrophysics</i> , 2018, 611, A33.	5.1	40
33	Coma morphology of comet 67P controlled by insolation over irregular nucleus. <i>Nature Astronomy</i> , 2018, 2, 562-567.	10.1	19
34	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
35	Exposed bright features on the comet 67P/Churyumov-Gerasimenko: distribution and evolution. <i>Astronomy and Astrophysics</i> , 2018, 613, A36.	5.1	15
36	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

#	ARTICLE	IF	CITATIONS
37	Opposition effect on comet 67P/Churyumov-Gerasimenko using Rosetta-OSIRIS images. <i>Astronomy and Astrophysics</i> , 2017, 599, A11.	5.1	11
38	Multivariate statistical analysis of OSIRIS/Rosetta spectrophotometric data of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2017, 600, A115.	5.1	11
39	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
40	Regional surface morphology of comet 67P/Churyumov-Gerasimenko from Rosetta/OSIRIS images: The southern hemisphere (Corrigendum). <i>Astronomy and Astrophysics</i> , 2017, 598, C2.	5.1	8
41	The 67P/Churyumov-Gerasimenko observation campaign in support of the Rosetta mission. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20160249.	3.4	29
42	Surface changes on comet 67P/Churyumov-Gerasimenko suggest a more active past. <i>Science</i> , 2017, 355, 1392-1395.	12.6	63
43	The pristine interior of comet 67P revealed by the combined Aswan outburst and cliff collapse. <i>Nature Astronomy</i> , 2017, 1, .	10.1	100
44	The opposition effect of 67P/Churyumov-Gerasimenko on post-perihelion Rosetta images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S550-S567.	4.4	22
45	Rotation of cometary nuclei: new light curves and an update of the ensemble properties of Jupiter-family comets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2974-3007.	4.4	53
46	Long-term monitoring of comet 67P/Churyumov-Gerasimenko's jets with OSIRIS onboard Rosetta. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S380-S385.	4.4	13
47	Seasonal erosion and restoration of the dust cover on comet 67P/Churyumov-Gerasimenko as observed by OSIRIS onboard Rosetta. <i>Astronomy and Astrophysics</i> , 2017, 604, A114.	5.1	43
48	Modelling of the outburst on 2015 July 29 observed with OSIRIS cameras in the Southern hemisphere of comet 67P/Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S178-S185.	4.4	12
49	Constraints on cometary surface evolution derived from a statistical analysis of 67P's topography. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S329-S338.	4.4	33
50	The scattering phase function of comet 67P/Churyumov-Gerasimenko coma as seen from the Rosetta/OSIRIS instrument. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S404-S415.	4.4	44
51	Seasonal mass transfer on the nucleus of comet 67P/Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S357-S371.	4.4	111
52	Dust mass distribution around comet 67P/Churyumov-Gerasimenko determined via parallax measurements using Rosetta's OSIRIS cameras. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S276-S284.	4.4	43
53	The highly active Anhur-Bes regions in the 67P/Churyumov-Gerasimenko comet: results from OSIRIS/ROSETTA observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S93-S107.	4.4	30
54	Thermal modelling of water activity on comet 67P/Churyumov-Gerasimenko with global dust mantle and plural dust-to-ice ratio. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S295-S311.	4.4	39

#	ARTICLE	IF	CITATIONS
55	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
56	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.	4.4	8
57	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
58	The pebbles/boulders size distributions on Sais: Rosetta's final landing site on comet 67P/Churyumov-Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 469, S636-S645.	4.4	40
59	Investigating the physical properties of outbursts on comet 67P/Churyumov-Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 469, S731-S740.	4.4	23
60	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
61	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
62	Thermophysics of fractures on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2017, 608, A121.	5.1	7
63	The global meter-level shape model of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2017, 607, L1.	5.1	107
64	Long-term survival of surface water ice on comet 67P. Monthly Notices of the Royal Astronomical Society, 2017, 469, S582-S597.	4.4	24
65	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
66	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
67	The southern hemisphere of 67P/Churyumov-Gerasimenko: Analysis of the preperihelion size-frequency distribution of boulders ≥ 7 m. Astronomy and Astrophysics, 2016, 592, L2.	5.1	27
68	Sunset jets observed on comet 67P/Churyumov-Gerasimenko sustained by subsurface thermal lag. Astronomy and Astrophysics, 2016, 586, A7.	5.1	55
69	Characterization of the Abydos region through OSIRIS high-resolution images in support of CIVA measurements. Astronomy and Astrophysics, 2016, 585, L1.	5.1	26
70	Gas outflow and dust transport of comet 67P/Churyumov-Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2016, 462, S533-S546.	4.4	34
71	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
72	Summer fireworks on comet 67P. Monthly Notices of the Royal Astronomical Society, 2016, 462, S184-S194.	4.4	112

#	ARTICLE	IF	CITATIONS
73	Are fractured cliffs the source of cometary dust jets? Insights from OSIRIS/Rosetta at 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2016, 587, A14.	5.1	102
74	Regional surface morphology of comet 67P/Churyumov-Gerasimenko from Rosetta/OSIRIS images: The southern hemisphere. <i>Astronomy and Astrophysics</i> , 2016, 593, A110.	5.1	86
75	Detection of exposed H ₂ O ice on the nucleus of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2016, 595, A102.	5.1	67
76	Comparative study of water ice exposures on cometary nuclei using multispectral imaging data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S394-S414.	4.4	18
77	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. <i>Astronomy and Astrophysics</i> , 2016, 587, A155.	5.1	39
78	Possible interpretation of the precession of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2016, 590, A46.	5.1	14
79	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
80	Aswan site on comet 67P/Churyumov-Gerasimenko: Morphology, boulder evolution, and spectrophotometry. <i>Astronomy and Astrophysics</i> , 2016, 592, A69.	5.1	53
81	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
82	Photometry of dust grains of comet 67P and connection with nucleus regions. <i>Astronomy and Astrophysics</i> , 2016, 588, A59.	5.1	10
83	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
84	EVOLUTION OF THE DUST SIZE DISTRIBUTION OF COMET 67P/CHURYUMOV-GERASIMENKO FROM 2.2 au TO PERIHELION. <i>Astrophysical Journal</i> , 2016, 821, 19.	4.5	158
85	Spectrophotometry of the Khonsu region on the comet 67P/Churyumov-Gerasimenko using OSIRIS instrument images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S274-S286.	4.4	20
86	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
87	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
88	Decimetre-scaled spectrophotometric properties of the nucleus of comet 67P/Churyumov-Gerasimenko from OSIRIS observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S287-S303.	4.4	26
89	Rosetta's comet 67P/Churyumov-Gerasimenko sheds its dusty mantle to reveal its icy nature. <i>Science</i> , 2016, 354, 1566-1570.	12.6	97
90	CHANGES IN THE PHYSICAL ENVIRONMENT OF THE INNER COMA OF 67P/CHURYUMOV-GERASIMENKO WITH DECREASING HELIOCENTRIC DISTANCE. <i>Astronomical Journal</i> , 2016, 152, 130.	4.7	36

#	ARTICLE	IF	CITATIONS
91	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
92	Geomorphological mapping of comet 67P/Churyumovâ€“Gerasimenkoâ€™s Southern hemisphere. Monthly Notices of the Royal Astronomical Society, 2016, 462, S573-S592.	4.4	23
93	The primordial nucleus of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 592, A63.	5.1	159
94	Distant activity of 67P/Churyumov-Gerasimenko in 2014: Ground-based results during the Rosetta pre-landing phase. Astronomy and Astrophysics, 2016, 588, A80.	5.1	26
95	Variegation of comet 67P/Churyumov-Gerasimenko in regions showing activity. Astronomy and Astrophysics, 2016, 586, A80.	5.1	43
96	Scientific assessment of the quality of OSIRIS images. Astronomy and Astrophysics, 2015, 583, A46.	5.1	67
97	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
98	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
99	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
100	OSIRIS observations of meter-sized exposures of H ₂ O ice at the surface of 67P/Churyumov-Gerasimenko and interpretation using laboratory experiments. Astronomy and Astrophysics, 2015, 583, A25.	5.1	97
101	Redistribution of particles across the nucleus of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A17.	5.1	149
102	Insolation, erosion, and morphology of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A34.	5.1	173
103	Morphology and dynamics of the jets of comet 67P/Churyumov-Gerasimenko: Early-phase development. Astronomy and Astrophysics, 2015, 583, A11.	5.1	33
104	67P/Churyumov-Gerasimenko: Activity between March and June 2014 as observed from Rosetta/OSIRIS. Astronomy and Astrophysics, 2015, 573, A62.	5.1	60
105	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
106	Regional surface morphology of comet 67P/Churyumov-Gerasimenko from Rosetta/OSIRIS images. Astronomy and Astrophysics, 2015, 583, A26.	5.1	153
107	Geomorphology of the Imhotep region on comet 67P/Churyumov-Gerasimenko from OSIRIS observations. Astronomy and Astrophysics, 2015, 583, A35.	5.1	59
108	Size-frequency distribution of boulders â‰¥7 m on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A37.	5.1	108

#	ARTICLE	IF	CITATIONS
109	Geomorphology and spectrophotometry of Philae's landing site on comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A41.	5.1	41
110	Temporal morphological changes in the Imhotep region of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A36.	5.1	60
111	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.	5.1	39
112	Fractures on comet 67P/Churyumov-Gerasimenko observed by Rosetta/OSIRIS. <i>Geophysical Research Letters</i> , 2015, 42, 5170-5178.	4.0	71
113	2P/Encke, the Taurid complex NEOs and the Maribo and Sutter's Mill meteorites. <i>Astronomy and Astrophysics</i> , 2015, 584, A97.	5.1	19
114	Orbital elements of the material surrounding comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A16.	5.1	23
115	Rotating dust particles in the coma of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A14.	5.1	26
116	Pre-hibernation performances of the OSIRIS cameras onboard the Rosetta spacecraft. <i>Astronomy and Astrophysics</i> , 2015, 574, A123.	5.1	14
117	Dust measurements in the coma of comet 67P/Churyumov-Gerasimenko inbound to the Sun. <i>Science</i> , 2015, 347, aaa3905.	12.6	310
118	On the nucleus structure and activity of comet 67P/Churyumov-Gerasimenko. <i>Science</i> , 2015, 347, aaa1044.	12.6	366
119	The morphological diversity of comet 67P/Churyumov-Gerasimenko. <i>Science</i> , 2015, 347, aaa0440.	12.6	259
120	Large heterogeneities in comet 67P as revealed by active pits from sinkhole collapse. <i>Nature</i> , 2015, 523, 63-66.	27.8	158
121	Two independent and primitive envelopes of the bilobate nucleus of comet 67P. <i>Nature</i> , 2015, 526, 402-405.	27.8	141
122	Search for satellites near comet 67P/Churyumov-Gerasimenko using Rosetta/OSIRIS images. <i>Astronomy and Astrophysics</i> , 2015, 583, A19.	5.1	13
123	The rotation state of 67P/Churyumov-Gerasimenko from approach observations with the OSIRIS cameras on Rosetta. <i>Astronomy and Astrophysics</i> , 2014, 569, L2.	5.1	81
124	Beginning of activity in 67P/Churyumov-Gerasimenko and predictions for 2014-2015. <i>Astronomy and Astrophysics</i> , 2013, 557, A33.	5.1	76
125	The geomorphology of (21) Lutetia: Results from the OSIRIS imaging system onboard ESA's Rosetta spacecraft. <i>Planetary and Space Science</i> , 2012, 66, 96-124.	1.7	58
126	Search for satellites near (21) Lutetia using OSIRIS/Rosetta images. <i>Planetary and Space Science</i> , 2012, 66, 64-70.	1.7	6

#	ARTICLE	IF	CITATIONS
127	Geological map and stratigraphy of asteroid 21 Lutetia. Planetary and Space Science, 2012, 66, 125-136.	1.7	42
128	Images of Asteroid 21 Lutetia: A Remnant Planetesimal from the Early Solar System. Science, 2011, 334, 487-490.	12.6	179
129	67P/Churyumov-Gerasimenko at large heliocentric distance. Astronomy and Astrophysics, 2011, 527, A113.	5.1	27
130	<i>EPOXI</i>: COMET 103P/HARTLEY 2 OBSERVATIONS FROM A WORLDWIDE CAMPAIGN. Astrophysical Journal Letters, 2011, 734, L1.	8.3	96
131	A collision in 2009 as the origin of the debris trail of asteroid P/2010â€™A2. Nature, 2010, 467, 814-816.	27.8	94
132	<i>SPITZER</i> OBSERVATIONS OF COMET 67P/CHURYUMOV-GERASIMENKO AT 5.5-4.3 AU FROM THE SUN. Astronomical Journal, 2009, 137, 4633-4642.	4.7	39
133	Comet 67P/Churyumov-Gerasimenko at a large heliocentric distance. Astronomy and Astrophysics, 2008, 490, 377-386.	5.1	31
134	Photometric and spectroscopic observations of (132524) 2002 JF56: fly-by target of the New Horizons mission. Astronomy and Astrophysics, 2007, 463, 1197-1199.	5.1	2
135	The backscattering ratio of comet 67P/Churyumov-Gerasimenko dust coma as seen by OSIRIS onboard Rosetta. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	6
136	Comets beyond 4 au: How pristine are Oort nuclei?. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	2