

Stefano Mottola

List of Publications by Year in descending order

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200
papers

12,221
citations

20797

60
h-index

30058

103
g-index

201
all docs

201
docs citations

201
times ranked

4264
citing authors

#	ARTICLE	IF	CITATIONS
1	Dawn at Vesta: Testing the Protoplanetary Paradigm. <i>Science</i> , 2012, 336, 684-686.	6.0	422
2	On the nucleus structure and activity of comet 67P/Churyumov-Gerasimenko. <i>Science</i> , 2015, 347, aaa1044.	6.0	366
3	Dust measurements in the coma of comet 67P/Churyumov-Gerasimenko inbound to the Sun. <i>Science</i> , 2015, 347, aaa3905.	6.0	310
4	The organic-rich surface of comet 67P/Churyumov-Gerasimenko as seen by VIRTIS/Rosetta. <i>Science</i> , 2015, 347, aaa0628.	6.0	293
5	The morphological diversity of comet 67P/Churyumov-Gerasimenko. <i>Science</i> , 2015, 347, aaa0440.	6.0	259
6	The global shape, density and rotation of Comet 67P/Churyumov-Gerasimenko from preperihelion Rosetta/OSIRIS observations. <i>Icarus</i> , 2016, 277, 257-278.	1.1	252
7	Photometric survey of binary near-Earth asteroids. <i>Icarus</i> , 2006, 181, 63-93.	1.1	250
8	The Dawn Framing Camera. <i>Space Science Reviews</i> , 2011, 163, 263-327.	3.7	248
9	Vesta's Shape and Morphology. <i>Science</i> , 2012, 336, 687-690.	6.0	222
10	The landing(s) of Philae and inferences about comet surface mechanical properties. <i>Science</i> , 2015, 349, aaa9816.	6.0	212
11	The Violent Collisional History of Asteroid 4 Vesta. <i>Science</i> , 2012, 336, 690-694.	6.0	209
12	Thermal inertia of near-Earth asteroids and implications for the magnitude of the Yarkovsky effect. <i>Icarus</i> , 2007, 190, 236-249.	1.1	207
13	The diurnal cycle of water ice on comet 67P/Churyumov-Gerasimenko. <i>Nature</i> , 2015, 525, 500-503.	13.7	199
14	Shape model, reference system definition, and cartographic mapping standards for comet 67P/Churyumov-Gerasimenko – Stereo-photogrammetric analysis of Rosetta/OSIRIS image data. <i>Astronomy and Astrophysics</i> , 2015, 583, A33.	2.1	188
15	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
16	Virtis: An Imaging Spectrometer for the Rosetta Mission. <i>Space Science Reviews</i> , 2007, 128, 529-559.	3.7	181
17	The size, shape, density and ring of the dwarf planet Haumea from a stellar occultation. <i>Nature</i> , 2017, 550, 219-223.	13.7	179
18	Dawn arrives at Ceres: Exploration of a small, volatile-rich world. <i>Science</i> , 2016, 353, 1008-1010.	6.0	178

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19	Insolation, erosion, and morphology of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A34.	2.1	173
20	Color and Albedo Heterogeneity of Vesta from Dawn. <i>Science</i> , 2012, 336, 700-704.	6.0	166
21	The primordial nucleus of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2016, 592, A63.	2.1	159
22	Large heterogeneities in comet 67P as revealed by active pits from sinkhole collapse. <i>Nature</i> , 2015, 523, 63-66.	13.7	158
23	EVOLUTION OF THE DUST SIZE DISTRIBUTION OF COMET 67P/CHURYUMOVâ€™GERASIMENKO FROM 2.2 au TO PERIHELION. <i>Astrophysical Journal</i> , 2016, 821, 19.	1.6	158
24	A Pluto-like radius and a high albedo for the dwarf planet Eris from an occultation. <i>Nature</i> , 2011, 478, 493-496.	13.7	156
25	A NEW CHRONOLOGY FOR THE MOON AND MERCURY. <i>Astronomical Journal</i> , 2009, 137, 4936-4948.	1.9	152
26	Redistribution of particles across the nucleus of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A17.	2.1	149
27	Two independent and primitive envelopes of the bilobate nucleus of comet 67P. <i>Nature</i> , 2015, 526, 402-405.	13.7	141
28	Tumbling asteroids. <i>Icarus</i> , 2005, 173, 108-131.	1.1	127
29	Dawn Mission to Vesta and Ceres. <i>Earth, Moon and Planets</i> , 2007, 101, 65-91.	0.3	125
30	Low thermal conductivity boulder with high porosity identified on C-type asteroid (162173) Ryugu. <i>Nature Astronomy</i> , 2019, 3, 971-976.	4.2	124
31	E-Type Asteroid (2867) Steins as Imaged by OSIRIS on Board Rosetta. <i>Science</i> , 2010, 327, 190-193.	6.0	120
32	Galileo Photometry of Asteroid 951 Gaspra. <i>Icarus</i> , 1994, 107, 37-60.	1.1	117
33	Summer fireworks on comet 67P. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S184-S194.	1.6	112
34	Seasonal mass transfer on the nucleus of comet 67P/Chuyumovâ€™Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S357-S371.	1.6	111
35	The Surface Composition and Temperature of Asteroid 21 Lutetia As Observed by Rosetta/VIRTIS. <i>Science</i> , 2011, 334, 492-494.	6.0	110
36	Size-frequency distribution of boulders â‰¥7 m on comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A37.	2.1	108

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37	The global meter-level shape model of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2017, 607, L1.	2.1	107
38	Exposed water ice on the nucleus of comet 67P/Churyumov-Gerasimenko. <i>Nature</i> , 2016, 529, 368-372.	13.7	104
39	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.	2.1	102
40	Dawn: A journey in space and time. <i>Planetary and Space Science</i> , 2004, 52, 465-489.	0.9	100
41	The pristine interior of comet 67P revealed by the combined Aswan outburst and cliff collapse. <i>Nature Astronomy</i> , 2017, 1, .	4.2	100
42	Synthesis of the morphological description of cometary dust at comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2019, 630, A24.	2.1	100
43	Images from the surface of asteroid Ryugu show rocks similar to carbonaceous chondrite meteorites. <i>Science</i> , 2019, 365, 817-820.	6.0	99
44	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
45	Rosetta's comet 67P/Churyumov-Gerasimenko sheds its dusty mantle to reveal its icy nature. <i>Science</i> , 2016, 354, 1566-1570.	6.0	97
46	The structure of the regolith on 67P/Churyumov-Gerasimenko from ROLIS descent imaging. <i>Science</i> , 2015, 349, aab0232.	6.0	86
47	The rotation state of 67P/Churyumov-Gerasimenko from approach observations with the OSIRIS cameras on Rosetta. <i>Astronomy and Astrophysics</i> , 2014, 569, L2.	2.1	81
48	Binary asteroid population. 3. Secondary rotations and elongations. <i>Icarus</i> , 2016, 267, 267-295.	1.1	76
49	Virtis : an imaging spectrometer for the rosetta mission. <i>Planetary and Space Science</i> , 1998, 46, 1291-1304.	0.9	72
50	Photometric properties of comet 67P/Churyumov-Gerasimenko from VIRTIS-M onboard Rosetta. <i>Astronomy and Astrophysics</i> , 2015, 583, A31.	2.1	71
51	Fractures on comet 67P/Churyumov-Gerasimenko observed by Rosetta/OSIRIS. <i>Geophysical Research Letters</i> , 2015, 42, 5170-5178.	1.5	71
52	Resolved spectrophotometric properties of the Ceres surface from Dawn Framing Camera images. <i>Icarus</i> , 2017, 288, 201-225.	1.1	69
53	Eclipsing binary Trojan asteroid Patroclus: Thermal inertia from Spitzer observations. <i>Icarus</i> , 2010, 205, 505-515.	1.1	68
54	Global photometric properties of Asteroid (4) Vesta observed with Dawn Framing Camera. <i>Icarus</i> , 2013, 226, 1252-1274.	1.1	68

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55	Fission and reconfiguration of bilobate comets as revealed by 67P/Churyumov-Gerasimenko. <i>Nature</i> , 2016, 534, 352-355.	13.7	68
56	The Near-Earth Objects Follow-Up Program: First Results. <i>Icarus</i> , 1995, 117, 62-70.	1.1	67
57	Detection of exposed H ₂ O ice on the nucleus of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2016, 595, A102.	2.1	67
58	Surface changes on comet 67P/Churyumov-Gerasimenko suggest a more active past. <i>Science</i> , 2017, 355, 1392-1395.	6.0	63
59	The changing rotation period of comet 67P/Churyumov-Gerasimenko controlled by its activity. <i>Astronomy and Astrophysics</i> , 2015, 579, L5.	2.1	62
60	Seasonal exposure of carbon dioxide ice on the nucleus of comet 67P/Churyumov-Gerasimenko. <i>Science</i> , 2016, 354, 1563-1566.	6.0	61
61	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
62	Temporal morphological changes in the Imhotep region of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A36.	2.1	60
63	Resolved photometry of Vesta reveals physical properties of crater regolith. <i>Planetary and Space Science</i> , 2013, 85, 198-213.	0.9	59
64	The refractory-to-ice mass ratio in comets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3326-3340.	1.6	59
65	Comet 67P outbursts and quiescent coma at 1.3 au from the Sun: dust properties from Rosetta/VIRTIS-H observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S443-S458.	1.6	56
66	Sunset jets observed on comet 67P/Churyumov-Gerasimenko sustained by subsurface thermal lag. <i>Astronomy and Astrophysics</i> , 2016, 586, A7.	2.1	55
67	Small crater populations on Vesta. <i>Planetary and Space Science</i> , 2014, 103, 96-103.	0.9	54
68	Direct observations of asteroid interior and regolith structure: Science measurement requirements. <i>Advances in Space Research</i> , 2018, 62, 2141-2162.	1.2	54
69	Lucy Mission to the Trojan Asteroids: Science Goals. <i>Planetary Science Journal</i> , 2021, 2, 171.	1.5	54
70	Aswan site on comet 67P/Churyumov-Gerasimenko: Morphology, boulder evolution, and spectrophotometry. <i>Astronomy and Astrophysics</i> , 2016, 592, A69.	2.1	53
71	The Philae lander mission and science overview. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20160248.	1.6	53
72	The slow rotation of 253 Mathilde. <i>Planetary and Space Science</i> , 1995, 43, 1609-1613.	0.9	49

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73	Mutual Eclipse Events in Asteroidal Binary System 1996 FG3: Observations and a Numerical Model. Icarus, 2000, 146, 556-567.	1.1	48
74	CIVA. Space Science Reviews, 2007, 128, 397-412.	3.7	47
75	67P/Churyumov-Gerasimenko surface properties as derived from CIVA panoramic images. Science, 2015, 349, aab0671.	6.0	47
76	The cratering history of asteroid (2867) Steins. Planetary and Space Science, 2010, 58, 1116-1123.	0.9	46
77	The Camera of the MASCOT Asteroid Lander on Board Hayabusa 2. Space Science Reviews, 2017, 208, 375-400.	3.7	46
78	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.	1.6	45
79	The Dawn Topography Investigation. Space Science Reviews, 2011, 163, 487-510.	3.7	44
80	CONSTRAINTS ON A SECOND PLANET IN THE WASP-3 SYSTEM. Astronomical Journal, 2013, 146, 147.	1.9	44
81	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
82	ROTATIONAL PROPERTIES OF JUPITER TROJANS. I. LIGHT CURVES OF 80 OBJECTS. Astronomical Journal, 2011, 141, 170.	1.9	43
83	The cratering history of asteroid (21) Lutetia. Planetary and Space Science, 2012, 66, 87-95.	0.9	43
84	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.	2.1	43
85	Dust mass distribution around comet 67P/Churyumov-Gerasimenko determined via parallax measurements using Rosetta's OSIRIS cameras. Monthly Notices of the Royal Astronomical Society, 2017, 469, S276-S284.	1.6	43
86	Variation of comet 67P/Churyumov-Gerasimenko in regions showing activity. Astronomy and Astrophysics, 2016, 586, A80.	2.1	43
87	SURFACE ALBEDO AND SPECTRAL VARIABILITY OF CERES. Astrophysical Journal Letters, 2016, 817, L22.	3.0	42
88	Thermal inertia and roughness of the nucleus of comet 67P/Churyumov-Gerasimenko from MIRO and VIRTIS observations. Astronomy and Astrophysics, 2018, 616, A122.	2.1	42
89	PANCHROMATIC OBSERVATIONS OF THE TEXTBOOK GRB 110205A: CONSTRAINING PHYSICAL MECHANISMS OF PROMPT EMISSION AND AFTERGLOW. Astrophysical Journal, 2012, 751, 90.	1.6	41
90	Geomorphology and spectrophotometry of Philae's landing site on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A41.	2.1	41

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91	Philae's First Days on the Comet. <i>Science</i> , 2015, 349, 493-493.	6.0	40
92	The pebbles/boulders size distributions on Sais: Rosetta's final landing site on comet 67P/Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S636-S645.	1.6	40
93	Tensile strength of 67P/Churyumov-Gerasimenko nucleus material from overhangs. <i>Astronomy and Astrophysics</i> , 2018, 611, A33.	2.1	40
94	The Rolis Experiment on the Rosetta Lander. <i>Space Science Reviews</i> , 2007, 128, 241-255.	3.7	39
95	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
96	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.	2.1	39
97	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.	1.6	39
98	Asteroid Ryugu before the Hayabusa2 encounter. <i>Progress in Earth and Planetary Science</i> , 2018, 5, .	1.1	39
99	Ground-based transit observations of the HAT-P-18, HAT-P-19, HAT-P-27/WASP40 and WASP-21 systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 4060-4072.	1.6	38
100	The northern hemisphere of asteroid (21) Lutetia's topography and orthoimages from Rosetta OSIRIS NAC image data. <i>Planetary and Space Science</i> , 2012, 66, 54-63.	0.9	36
101	In-flight calibration of the Dawn Framing Camera. <i>Icarus</i> , 2013, 226, 1304-1317.	1.1	36
102	An orbital water-ice cycle on comet 67P from colour changes. <i>Nature</i> , 2020, 578, 49-52.	13.7	36
103	The binary near-Earth Asteroid (175706) 1996 FG3 - An observational constraint on its orbital evolution. <i>Icarus</i> , 2015, 245, 56-63.	1.1	35
104	Asteroid 243 Ida: Groundbased Photometry and a Pre-Galileo Physical Model. <i>Icarus</i> , 1993, 105, 310-325.	1.1	34
105	Observations and analysis of a curved jet in the coma of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2016, 588, L3.	2.1	34
106	The changing temperature of the nucleus of comet 67P induced by morphological and seasonal effects. <i>Nature Astronomy</i> , 2019, 3, 649-658.	4.2	34
107	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
108	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.	1.6	33

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109	Exploring the asteroid belt with ion propulsion: Dawn mission history, status and plans. <i>Advances in Space Research</i> , 2007, 40, 193-201.	1.2	32
110	Comet 67P/CG Nucleus Composition and Comparison to Other Comets. <i>Space Science Reviews</i> , 2019, 215, 1.	3.7	32
111	Spectral study of the Eunomia asteroid family. <i>Icarus</i> , 2005, 175, 452-463.	1.1	30
112	The highly active Anhurâ€“Bes regions in the 67P/Churyumovâ€“Gerasimenko comet: results from OSIRIS/ROSETTA observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S93-S107.	1.6	30
113	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.	2.1	29
114	Surface Morphology of Comets and Associated Evolutionary Processes: A Review of Rosettaâ€™s Observations of 67P/Churyumovâ€“Gerasimenko. <i>Space Science Reviews</i> , 2019, 215, 1.	3.7	28
115	Physical model of near-earth asteroid 6489 golevka (1991 JX) from optical and infrared observations.. <i>Astronomical Journal</i> , 1997, 114, 1234.	1.9	28
116	In-flight calibration of the Dawn Framing Camera II: Flat fields and stray light correction. <i>Icarus</i> , 2014, 234, 99-108.	1.1	27
117	The southern hemisphere of 67P/Churyumov-Gerasimenko: Analysis of the preperihelion size-frequency distribution of boulders ≥ 7 m. <i>Astronomy and Astrophysics</i> , 2016, 592, L2.	2.1	27
118	Anatomy of outbursts and quiescent activity of Comet 29P/Schwassmannâ€“Wachmann. <i>Icarus</i> , 2016, 272, 327-355.	1.1	27
119	Dawn Discovery mission to Vesta and Ceres: Present status. <i>Advances in Space Research</i> , 2006, 38, 2043-2048.	1.2	26
120	Characterization of the Abydos region through OSIRIS high-resolution images in support of CIVA measurements. <i>Astronomy and Astrophysics</i> , 2016, 585, L1.	2.1	26
121	Cliffs versus plains: Can ROSINA/COPS and OSIRIS data of comet 67P/Churyumov-Gerasimenko in autumn 2014 constrain inhomogeneous outgassing?. <i>Astronomy and Astrophysics</i> , 2017, 605, A112.	2.1	26
122	OUTGASSING BEHAVIOR OF C/2012 S1 (ISON) FROM 2011 SEPTEMBER TO 2013 JUNE. <i>Astrophysical Journal Letters</i> , 2013, 776, L20.	3.0	25
123	Long-term survival of surface water ice on comet 67P. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S582-S597.	1.6	24
124	The Near-Earth Objects Follow-Up Program. <i>Icarus</i> , 1997, 130, 275-286.	1.1	23
125	Investigating the physical properties of outbursts on comet 67P/Churyumovâ€“Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S731-S740.	1.6	23
126	Photometric Observations and Modeling of Asteroid 1620 Geographos. <i>Icarus</i> , 1996, 123, 227-244.	1.1	22

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127	How pristine is the interior of the comet 67P/Churyumov-Gerasimenko?. Monthly Notices of the Royal Astronomical Society, 2017, 469, S685-S694.	1.6	22
128	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
129	Bilobate comet morphology and internal structure controlled by shear deformation. Nature Geoscience, 2019, 12, 157-162.	5.4	22
130	The Lightcurve and Colors of Unusual Minor Planet 1996 PW. Icarus, 1998, 132, 418-430.	1.1	21
131	On deviations from free-radial outflow in the inner coma of comet 67P/Churyumov-Gerasimenko. Icarus, 2018, 311, 1-22.	1.1	21
132	Spectrophotometric modeling and mapping of Ceres. Icarus, 2019, 322, 144-167.	1.1	21
133	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
134	Models of Rosetta/OSIRIS 67P Dust Coma Phase Function. Astronomical Journal, 2018, 156, 237.	1.9	20
135	A comparison of multiple Rosetta data sets and 3D model calculations of 67P/Churyumov-Gerasimenko coma around equinox (May 2015). Icarus, 2019, 328, 104-126.	1.1	20
136	Macro and micro structures of pebble-made cometary nuclei reconciled by seasonal evolution. Nature Astronomy, 2022, 6, 546-553.	4.2	20
137	Digitization and Scientific Exploitation of the Italian and Vatican Astronomical Plate Archives. Experimental Astronomy, 2003, 15, 29-43.	1.6	19
138	Estimating the strength of the nucleus material of comet 67P Churyumov-Gerasimenko. Solar System Research, 2016, 50, 225-234.	0.3	19
139	Planning and implementation of the on-comet operations of the instrument SD2 onboard the lander Philae of Rosetta mission. Acta Astronautica, 2016, 125, 183-195.	1.7	19
140	Close-up images of the final Philae landing site on comet 67P/Churyumov-Gerasimenko acquired by the ROLIS camera. Icarus, 2017, 285, 263-274.	1.1	19
141	Coma morphology of comet 67P controlled by insolation over irregular nucleus. Nature Astronomy, 2018, 2, 562-567.	4.2	19
142	Constraining models of activity on comet 67P/Churyumov-Gerasimenko with Rosetta trajectory, rotation, and water production measurements. Astronomy and Astrophysics, 2019, 630, A18.	2.1	18
143	Linking surface morphology, composition, and activity on the nucleus of 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2019, 630, A7.	2.1	18
144	The representation of asteroid shapes: A test for the inversion of Gaia photometry. Planetary and Space Science, 2012, 73, 80-85.	0.9	16

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145	Rosetta Lander - Philae: Operations on comet 67P/Churyumov-Gerasimenko, analysis of wake-up activities and final state. <i>Acta Astronautica</i> , 2017, 137, 38-43.	1.7	16
146	Photometric behaviour of 67P/Churyumov-Gerasimenko and analysis of its pre-perihelion diurnal variations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S346-S356.	1.6	16
147	A Study of Hilda Asteroids. <i>Icarus</i> , 1998, 133, 247-285.	1.1	15
148	The Resolved Asteroid Program - Size, shape, and pole of (52) Europa. <i>Icarus</i> , 2013, 225, 794-805.	1.1	15
149	The Agilkia boulders/pebbles size-frequency distributions: OSIRIS and ROLIS joint observations of 67P surface. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S242-S252.	1.6	15
150	Exposed bright features on the comet 67P/Churyumov-Gerasimenko: distribution and evolution. <i>Astronomy and Astrophysics</i> , 2018, 613, A36.	2.1	15
151	Surface evolution of the Anhur region on comet 67P/Churyumov-Gerasimenko from high-resolution OSIRIS images. <i>Astronomy and Astrophysics</i> , 2019, 630, A13.	2.1	15
152	Triple -a comet nucleus sample return mission. <i>Experimental Astronomy</i> , 2009, 23, 809-847.	1.6	14
153	Light Curves of Lucy Targets: Leucus and Polymele. <i>Astronomical Journal</i> , 2018, 155, 245.	1.9	13
154	Studies of irregular satellites: I. Lightcurves and rotation periods of 25 Saturnian moons from Cassini observations. <i>Icarus</i> , 2019, 322, 80-102.	1.1	13
155	Time evolution of dust deposits in the Hapi region of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2020, 636, A91.	2.1	13
156	Search for satellites near comet 67P/Churyumov-Gerasimenko using Rosetta/OSIRIS images. <i>Astronomy and Astrophysics</i> , 2015, 583, A19.	2.1	13
157	Asteroid 951 Gaspra: Pre-Galileo physical model. <i>Icarus</i> , 1992, 97, 124-129.	1.1	12
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