

Maurizio Pajola

List of Publications by Year in descending order

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145
papers

6,441
citations

66315

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75
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162
all docs

162
docs citations

162
times ranked

2930
citing authors

#	ARTICLE	IF	CITATIONS
1	On the nucleus structure and activity of comet 67P/Churyumov-Gerasimenko. <i>Science</i> , 2015, 347, aaa1044.	6.0	366
2	Radar evidence of subglacial liquid water on Mars. <i>Science</i> , 2018, 361, 490-493.	6.0	346
3	The morphological diversity of comet 67P/Churyumov-Gerasimenko. <i>Science</i> , 2015, 347, aaa0440.	6.0	259
4	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
5	Properties of rubble-pile asteroid (101955) Bennu from OSIRIS-REx imaging and thermal analysis. <i>Nature Astronomy</i> , 2019, 3, 341-351.	4.2	188
6	Insolation, erosion, and morphology of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A34.	2.1	173
7	Craters, boulders and regolith of (101955) Bennu indicative of an old and dynamic surface. <i>Nature Geoscience</i> , 2019, 12, 242-246.	5.4	161
8	The primordial nucleus of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2016, 592, A63.	2.1	159
9	Large heterogeneities in comet 67P as revealed by active pits from sinkhole collapse. <i>Nature</i> , 2015, 523, 63-66.	13.7	158
10	Regional surface morphology of comet 67P/Churyumov-Gerasimenko from Rosetta/OSIRIS images. <i>Astronomy and Astrophysics</i> , 2015, 583, A26.	2.1	153
11	Redistribution of particles across the nucleus of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A17.	2.1	149
12	Two independent and primitive envelopes of the bilobate nucleus of comet 67P. <i>Nature</i> , 2015, 526, 402-405.	13.7	141
13	Gravitational slopes, geomorphology, and material strengths of the nucleus of comet 67P/Churyumov-Gerasimenko from OSIRIS observations. <i>Astronomy and Astrophysics</i> , 2015, 583, A32.	2.1	113
14	Summer fireworks on comet 67P. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S184-S194.	1.6	112
15	Seasonal mass transfer on the nucleus of comet 67P/Churyumov-Gerasimenko. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S357-S371.	1.6	111
16	Size-frequency distribution of boulders ≥ 7 m on comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A37.	2.1	108
17	The global meter-level shape model of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2017, 607, L1.	2.1	107
18	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

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19	The pristine interior of comet 67P revealed by the combined Aswan outburst and cliff collapse. <i>Nature Astronomy</i> , 2017, 1, .	4.2	100
20	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
21	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
22	Regional surface morphology of comet 67P/Churyumov-Gerasimenko from Rosetta/OSIRIS images: The southern hemisphere. <i>Astronomy and Astrophysics</i> , 2016, 593, A110.	2.1	86
23	Variations in color and reflectance on the surface of asteroid (101955) Bennu. <i>Science</i> , 2020, 370, .	6.0	84
24	Fractures on comet 67P/Churyumov-Gerasimenko observed by Rosetta/OSIRIS. <i>Geophysical Research Letters</i> , 2015, 42, 5170-5178.	1.5	71
25	LICIACube - The Light Italian Cubesat for Imaging of Asteroids In support of the NASA DART mission towards asteroid (65803) Didymos. <i>Planetary and Space Science</i> , 2021, 199, 105185.	0.9	71
26	Scientific assessment of the quality of OSIRIS images. <i>Astronomy and Astrophysics</i> , 2015, 583, A46.	2.1	67
27	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
28	Surface changes on comet 67P/Churyumov-Gerasimenko suggest a more active past. <i>Science</i> , 2017, 355, 1392-1395.	6.0	63
29	Bennu's near-Earth lifetime of 1.75 million years inferred from craters on its boulders. <i>Nature</i> , 2020, 587, 205-209.	13.7	62
30	In situ evidence of thermally induced rock breakdown widespread on Bennu's surface. <i>Nature Communications</i> , 2020, 11, 2913.	5.8	62
31	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
32	Temporal morphological changes in the Imhotep region of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A36.	2.1	60
33	Geomorphology of the Imhotep region on comet 67P/Churyumov-Gerasimenko from OSIRIS observations. <i>Astronomy and Astrophysics</i> , 2015, 583, A35.	2.1	59
34	Sunset jets observed on comet 67P/Churyumov-Gerasimenko sustained by subsurface thermal lag. <i>Astronomy and Astrophysics</i> , 2016, 586, A7.	2.1	55
35	PHOBOS AS A D-TYPE CAPTURED ASTEROID, SPECTRAL MODELING FROM 0.25 TO 4.0 μ m. <i>Astrophysical Journal</i> , 2013, 777, 127.	1.6	54
36	Comet 67P/Churyumov-Gerasimenko: Constraints on its origin from OSIRIS observations. <i>Astronomy and Astrophysics</i> , 2015, 583, A44.	2.1	53

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37	Aswan site on comet 67P/Churyumov-Gerasimenko: Morphology, boulder evolution, and spectrophotometry. <i>Astronomy and Astrophysics</i> , 2016, 592, A69.	2.1	53
38	Spectrophotometric investigation of Phobos with the Rosetta OSIRIS-NAC camera and implications for its collisional capture. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 3230-3243.	1.6	47
39	SIMBIO-SYS: Scientific Cameras and Spectrometer for the BepiColombo Mission. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	47
40	Rationale for BepiColombo Studies of Mercury's Surface and Composition. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	46
41	Evidence of sub-surface energy storage in comet 67P from the outburst of 2016 July 03. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, s606-s625.	1.6	45
42	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.	1.6	44
43	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.	2.1	43
44	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.	1.6	43
45	Variegation of comet 67P/Churyumov-Gerasimenko in regions showing activity. <i>Astronomy and Astrophysics</i> , 2016, 586, A80.	2.1	43
46	Geological map and stratigraphy of asteroid 21 Lutetia. <i>Planetary and Space Science</i> , 2012, 66, 125-136.	0.9	42
47	Geomorphology and spectrophotometry of Philae's landing site on comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A41.	2.1	41
48	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
49	Tensile strength of 67P/Churyumov-Gerasimenko nucleus material from overhangs. <i>Astronomy and Astrophysics</i> , 2018, 611, A33.	2.1	40
50	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
51	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
52	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
53	Spacecraft sample collection and subsurface excavation of asteroid (101955) Bennu. <i>Science</i> , 2022, 377, 285-291.	6.0	39
54	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

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55	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
56	Boulder abundances and size-frequency distributions on Oxia Planum-Mars: Scientific implications for the 2020 ESA ExoMars rover. <i>Icarus</i> , 2017, 296, 73-90.	1.1	33
57	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
58	Particle Size-Frequency Distributions of the OSIRIS-REx Candidate Sample Sites on Asteroid (101955) Bennu. <i>Remote Sensing</i> , 2021, 13, 1315.	1.8	33
59	(21) Lutetia spectrophotometry from Rosetta-OSIRIS images and comparison to ground-based observations. <i>Planetary and Space Science</i> , 2012, 66, 43-53.	0.9	31
60	The highly active Anhur's 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.	1.6	30
61	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
62	Surface Morphology of Comets and Associated Evolutionary Processes: A Review of Rosetta's Observations of 67P/Churyumov-Gerasimenko. <i>Space Science Reviews</i> , 2019, 215, 1.	3.7	28
63	Implications for the origin and evolution of Martian Recurring Slope Lineae at Hale crater from CaSSIS observations. <i>Planetary and Space Science</i> , 2020, 187, 104947.	0.9	28
64	Geologic mapping of the Comet 67P/Churyumov-Gerasimenko's Northern hemisphere. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S352-S367.	1.6	27
65	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
66	Phobos grooves and impact craters: A stereographic analysis. <i>Icarus</i> , 2015, 256, 90-100.	1.1	26
67	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
68	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.	1.6	26
69	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
70	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.	3.7	24
71	Orbital elements of the material surrounding comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A16.	2.1	23
72	Sublimation of icy aggregates in the coma of comet 67P/Churyumov-Gerasimenko detected with the OSIRIS cameras on board Rosetta. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, S57-S66.	1.6	23

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73	Geomorphological mapping of comet 67P/Churyumov-Gerasimenko's Southern hemisphere. Monthly Notices of the Royal Astronomical Society, 2016, 462, S573-S592.	1.6	23
74	Mercury Hollows as Remnants of Original Bedrock Materials and Devolatilization Processes: A Spectral Clustering and Geomorphological Analysis. Journal of Geophysical Research E: Planets, 2018, 123, 2365-2379.	1.5	23
75	Photometry of Particles Ejected From Active Asteroid (101955) Bennu. Journal of Geophysical Research E: Planets, 2020, 125, e2020JE006381.	1.5	23
76	Size-frequency distribution of boulders ≥ 10 m on comet 103P/Hartley 2. Astronomy and Astrophysics, 2016, 585, A85.	2.1	23
77	Physical properties and dynamical relation of the circular depressions on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 591, A132.	2.1	22
78	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
79	Bilobate comet morphology and internal structure controlled by shear deformation. Nature Geoscience, 2019, 12, 157-162.	5.4	22
80	Eridania Basin: An ancient paleolake floor as the next landing site for the Mars 2020 rover. Icarus, 2016, 275, 163-182.	1.1	21
81	The Simud-Tiu Valles hydrologic system: A multidisciplinary study of a possible site for future Mars on-site exploration. Icarus, 2016, 268, 355-381.	1.1	21
82	Spectrophotometry of the Khonsu region on the comet 67P/Churyumov-Gerasimenko using OSIRIS instrument images. Monthly Notices of the Royal Astronomical Society, 2016, 462, S274-S286.	1.6	20
83	Crater population on asteroid (101955) Bennu indicates impact armouring and a young surface. Nature Geoscience, 2022, 15, 440-446.	5.4	20
84	Coma morphology of comet 67P controlled by insolation over irregular nucleus. Nature Astronomy, 2018, 2, 562-567.	4.2	19
85	Periodic Bedrock Ridges at the ExoMars 2022 Landing Site: Evidence for a Changing Wind Regime. Geophysical Research Letters, 2021, 48, e2020GL091651.	1.5	19
86	Comparative study of water ice exposures on cometary nuclei using multispectral imaging data. Monthly Notices of the Royal Astronomical Society, 2016, 462, S394-S414.	1.6	18
87	Linking surface morphology, composition, and activity on the nucleus of 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2019, 630, A7.	2.1	18
88	Post-perihelion photometry of dust grains in the coma of 67P Churyumov-Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 469, S195-S203.	1.6	17
89	Dynamical Evolution of Ejecta from the DART Impact on Dimorphos. Planetary Science Journal, 2022, 3, 118.	1.5	17
90	The Agilkia boulders/pebbles size-frequency distributions: OSIRIS and ROLIS joint observations of 67P surface. Monthly Notices of the Royal Astronomical Society, 2016, 462, S242-S252.	1.6	15

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91	Exposed bright features on the comet 67P/Churyumov-Gerasimenko: distribution and evolution. <i>Astronomy and Astrophysics</i> , 2018, 613, A36.	2.1	15
92	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
93	Pre-hibernation performances of the OSIRIS cameras onboard the Rosetta spacecraft. <i>Astronomy and Astrophysics</i> , 2015, 574, A123.	2.1	14
94	Possible interpretation of the precession of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2016, 590, A46.	2.1	14
95	Abundance and size-frequency distribution of boulders in Linn� crater's ejecta (Moon). <i>Planetary and Space Science</i> , 2019, 165, 99-109.	0.9	14
96	Bennu's global surface and two candidate sample sites characterized by spectral clustering of OSIRIS-REx multispectral images. <i>Icarus</i> , 2021, 364, 114467.	1.1	14
97	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.	1.6	13
98	Phobos MRO/CRISM visible and near-infrared (0.5-2.5�m) spectral modeling. <i>Planetary and Space Science</i> , 2018, 154, 63-71.	0.9	13
99	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
100	Search for satellites near comet 67P/Churyumov-Gerasimenko using Rosetta/OSIRIS images. <i>Astronomy and Astrophysics</i> , 2015, 583, A19.	2.1	13
101	Global geologic map of asteroid (101955) Bennu indicates heterogeneous resurfacing in the past 500,000 years. <i>Icarus</i> , 2022, 381, 114992.	1.1	13
102	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.	1.6	12
103	Characterization of dust aggregates in the vicinity of the Rosetta spacecraft. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S312-S320.	1.6	12
104	Assessing the Sampleability of Bennu's Surface for the OSIRIS-REx Asteroid Sample Return Mission. <i>Space Science Reviews</i> , 2022, 218, 20.	3.7	12
105	Alignment of fractures on Bennu's boulders indicative of rapid asteroid surface evolution. <i>Nature Geoscience</i> , 2022, 15, 453-457.	5.4	11
106	Photometry of dust grains of comet 67P and connection with nucleus regions. <i>Astronomy and Astrophysics</i> , 2016, 588, A59.	2.1	10
107	Dynamics of recent landslides (<20 My) on Mars: Insights from high-resolution topography on Earth and Mars and numerical modelling. <i>Planetary and Space Science</i> , 2021, 206, 105303.	0.9	10
108	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.	1.6	9

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109	The Rocky-Like Behavior of Cometary Landslides on 67P/Churyumov-Gerasimenko. <i>Geophysical Research Letters</i> , 2019, 46, 14336-14346.	1.5	9
110	Blocks Size Frequency Distribution in the Enceladus Tiger Stripes Area: Implications on Their Formative Processes. <i>Universe</i> , 2021, 7, 82.	0.9	9
111	Volatiles on Mercury: The case of hollows and the pyroclastic vent of Tyagaraja crater. <i>Icarus</i> , 2021, 370, 114694.	1.1	9
112	Boulder Analysis on the Oxia Planum ExoMars 2022 Rover Landing Site: Scientific and Engineering Perspectives. <i>Solar System Research</i> , 2020, 54, 504-519.	0.3	9
113	Characterisation of the main belt asteroid (223) Rosa. <i>Astronomy and Astrophysics</i> , 2021, 656, L18.	2.1	9
114	Characterization of OSIRIS NAC filters for the interpretation of multispectral data of comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2015, 583, A45.	2.1	8
115	Regional surface morphology of comet 67P/Churyumov-Gerasimenko from Rosetta/OSIRIS images: The southern hemisphere (Corrigendum). <i>Astronomy and Astrophysics</i> , 2017, 598, C2.	2.1	8
116	Geomorphological and spectrophotometric analysis of Seth's circular niches on comet 67P/Churyumov-Gerasimenko using OSIRIS images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S238-S251.	1.6	8
117	Lermontov crater on Mercury: Geology, morphology and spectral properties of the coexisting hollows and pyroclastic deposits. <i>Planetary and Space Science</i> , 2021, 195, 105136.	0.9	8
118	Equatorial grooves distribution on Ganymede: Length and self-similar clustering analysis. <i>Planetary and Space Science</i> , 2021, 195, 105140.	0.9	8
119	Topographic correction of HiRISE and CaSSIS images: Validation and application to color observations of Martian albedo features. <i>Planetary and Space Science</i> , 2021, 200, 105198.	0.9	8
120	Multiband photometry of Martian Recurring Slope Lineae (RSL) and dust-removed features at Horowitz crater, Mars from TGO/CaSSIS color observations. <i>Planetary and Space Science</i> , 2022, 214, 105443.	0.9	8
121	Geology, in-situ resource-identification and engineering analysis of the Vernal crater area (Arabia) Tj ETQq1 1 0.784314 rgBT (Overlock	0.9	8
122	Thermophysics of fractures on comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2017, 608, A121.	2.1	7
123	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.	1.6	7
124	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.	1.6	7
125	Volatile-rich Asteroids in the Inner Solar System. <i>Planetary Science Journal</i> , 2020, 1, 82.	1.5	7
126	Expected Investigation of the (65803) Didymos-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.	1.5	7

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127	Search for satellites near (21) Lutetia using OSIRIS/Rosetta images. <i>Planetary and Space Science</i> , 2012, 66, 64-70.	0.9	6
128	The backscattering ratio of comet 67P/Churyumov-Gerasimenko dust coma as seen by OSIRIS onboard Rosetta. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	6
129	Rosetta/OSIRIS observations of the 67P nucleus during the April 2016 flyby: high-resolution spectrophotometry. <i>Astronomy and Astrophysics</i> , 2019, 630, A9.	2.1	6
130	CaSSIS color and multi-angular observations of Martian slope streaks. <i>Planetary and Space Science</i> , 2021, 209, 105373.	0.9	6
131	A CaSSIS and HiRISE map of the Clay-bearing Unit at the ExoMars 2022 landing site in Oxia Planum. <i>Planetary and Space Science</i> , 2022, 214, 105429.	0.9	6
132	Hydraulic modeling of the tributary and the outlet of a Martian paleolake located in the Memnonia quadrangle. <i>Journal of Geophysical Research E: Planets</i> , 2015, 120, 1597-1619.	1.5	5
133	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.	3.3	5
134	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.	1.6	5
135	Quantitative analysis of isolated boulder fields on comet 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2019, 630, A15.	2.1	4
136	Temperature dependent mid-infrared (5-25 μ m) reflectance spectroscopy of carbonaceous meteorites and minerals: Implication for remote sensing in Solar System exploration. <i>Icarus</i> , 2021, 354, 114040.	1.1	4
137	Modelling reconstruction and boulder size-frequency distribution of a young ($\sim 5\text{ Myr}$) landslide located in Simud Vallis floor, Mars. <i>Icarus</i> , 2022, 375, 114850.	1.1	4
138	Planetary Mapping for Landing Sites Selection: The Mars Case Study. <i>Lecture Notes in Geoinformation and Cartography</i> , 2019, , 175-190.	0.5	3
139	CaSSIS-based stereo products for Mars after three years in orbit. <i>Planetary and Space Science</i> , 2022, 219, 105515.	0.9	3
140	Spectrophotometric variegation of the layering in comet 67P/Churyumov-Gerasimenko as seen by OSIRIS. <i>Astronomy and Astrophysics</i> , 2019, 630, A16.	2.1	2
141	An analysis of possible asteroids flyby for the ESA JUICE mission. <i>Planetary and Space Science</i> , 2022, 216, 105476.	0.9	2
142	The SSDC Role in the LICIAcube Mission: Data Management and the MATISSE Tool. <i>Planetary Science Journal</i> , 2022, 3, 126.	1.5	2
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144	Mapping Irregular Bodies. <i>Lecture Notes in Geoinformation and Cartography</i> , 2019, , 191-203.	0.5	0

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