Francesco Marzari

List of Publications by Year in descending order

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170 papers	8,599 citations	46918 47 h-index	53109 85 g-index
172 all docs	172 docs citations	172 times ranked	4469 citing authors

#	Article	IF	Citations
1	Gravitational scattering as a possible origin for giant planets at small stellar distances. Nature, 1996, 384, 619-621.	13.7	427
2	On the nucleus structure and activity of comet 67P/Churyumov-Gerasimenko. Science, 2015, 347, aaa1044.	6.0	366
3	Dust measurements in the coma of comet 67P/Churyumov-Gerasimenko inbound to the Sun. Science, 2015, 347, aaa3905.	6.0	310
4	The morphological diversity of comet 67P/Churyumov-Gerasimenko. Science, 2015, 347, aaa0440.	6.0	259
5	The global shape, density and rotation of Comet 67P/Churyumov-Gerasimenko from preperihelion Rosetta/OSIRIS observations. Icarus, 2016, 277, 257-278.	1.1	252
6	Eccentric Extrasolar Planets: The Jumping Jupiter Model. Icarus, 2002, 156, 570-579.	1.1	236
7	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.	2.1	188
8	Spectrophotometric properties of the nucleus of comet 67P/Churyumov-Gerasimenko from the OSIRIS instrument onboard the ROSETTA spacecraft. Astronomy and Astrophysics, 2015, 583, A30.	2.1	188
9	The GAPS Programme with HARPS-N at TNG. Astronomy and Astrophysics, 2017, 602, A107.	2.1	185
10	The size, shape, density and ring of the dwarf planet Haumea from a stellar occultation. Nature, 2017, 550, 219-223.	13.7	179
11	Insolation, erosion, and morphology of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A34.	2.1	173
12	The primordial nucleus of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 592, A63.	2.1	159
13	Large heterogeneities in comet 67P as revealed by active pits from sinkhole collapse. Nature, 2015, 523, 63-66.	13.7	158
14	EVOLUTION OF THE DUST SIZE DISTRIBUTION OF COMET 67P/CHURYUMOVâ€“GERASIMENKO FROM 2.2 au TO PERIHELION. Astrophysical Journal, 2016, 821, 19.	1.6	158
15	Regional surface morphology of comet 67P/Churyumov-Gerasimenko from Rosetta/OSIRIS images. Astronomy and Astrophysics, 2015, 583, A26.	2.1	153
16	Redistribution of particles across the nucleus of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A17.	2.1	149
17	Two independent and primitive envelopes of the bilobate nucleus of comet 67P. Nature, 2015, 526, 402-405.	13.7	141
18	Relative velocities among accreting planetesimals in binary systems: The circumprimary case. Icarus, 2006, 183, 193-206.	1.1	139

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19	Planetesimal Accretion in Binary Star Systems. Astrophysical Journal, 2000, 543, 328-339.	1.6	128
20	The Origin of Chondrules at Jovian Resonances. Science, 1998, 279, 681-684.	6.0	119
21	Size-frequency distribution of boulders â‰¥7 m on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A37.	2.1	108
22	The global meter-level shape model of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2017, 607, L1.	2.1	107
23	The GAPS programme with HARPS-N at TNG. Astronomy and Astrophysics, 2013, 554, A28.	2.1	103
24	Are fractured cliffs the source of cometary dust jets? Insights from OSIRIS/Rosetta at 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 587, A14.	2.1	102
25	The pristine interior of comet 67P revealed by the combined Aswan outburst and cliff collapse. Nature Astronomy, 2017, 1, .	4.2	100
26	Rosettaâ€™s comet 67P/Churyumov-Gerasimenko sheds its dusty mantle to reveal its icy nature. Science, 2016, 354, 1566-1570.	6.0	97
27	Planet formation in Î± Centauri A revisited: not so accretion friendly after all. Monthly Notices of the Royal Astronomical Society, 2008, 388, 1528-1536.	1.6	91
28	Visible spectroscopic and photometric survey of Jupiter Trojans: Final results on dynamical familiesâ˜†. Icarus, 2007, 190, 622-642.	1.1	86
29	OUTWARD MIGRATION OF JUPITER AND SATURN IN EVOLVED GASEOUS DISKS. Astrophysical Journal, 2012, 757, 50.	1.6	83
30	Abundance difference between components of wide binaries. Astronomy and Astrophysics, 2004, 420, 683-697.	2.1	83
31	Capture of Trojans by a Growing Proto-Jupiter. Icarus, 1998, 131, 41-51.	1.1	74
32	Fractures on comet 67P/Churyumovâ€Gerasimenko observed by Rosetta/OSIRIS. Geophysical Research Letters, 2015, 42, 5170-5178.	1.5	71
33	Planet formation in the habitable zone of Î± Centauri B. Monthly Notices of the Royal Astronomical Society: Letters, 2009, 393, L21-L25.	1.2	69
34	Planetary formation in theÎ³Cephei system. Astronomy and Astrophysics, 2004, 427, 1097-1104.	2.1	68
35	Scientific assessment of the quality of OSIRIS images. Astronomy and Astrophysics, 2015, 583, A46.	2.1	67
36	Surface changes on comet 67P/Churyumov-Gerasimenko suggest a more active past. Science, 2017, 355, 1392-1395.	6.0	63

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37	LBT observations of the HRâ€‰8799 planetary system. Astronomy and Astrophysics, 2013, 549, A52.	2.1	62
38	Temporal morphological changes in the Imhotep region of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A36.	2.1	60
39	The 2016 Feb 19 outburst of comet 67P/CG: an ESA Rosetta multi-instrument study. Monthly Notices of the Royal Astronomical Society, 2016, 462, S220-S234.	1.6	60
40	Geomorphology of the Imhotep region on comet 67P/Churyumov-Gerasimenko from OSIRIS observations. Astronomy and Astrophysics, 2015, 583, A35.	2.1	59
41	Sunset jets observed on comet 67P/Churyumov-Gerasimenko sustained by subsurface thermal lag. Astronomy and Astrophysics, 2016, 586, A7.	2.1	55
42	Statistical analysis of micrometeoroids flux on Mercury. Astronomy and Astrophysics, 2009, 503, 259-264.	2.1	54
43	Dynamics of Mars Trojans. Icarus, 2005, 175, 397-408.	1.1	53
44	Aswan site on comet 67P/Churyumov-Gerasimenko: Morphology, boulder evolution, and spectrophotometry. Astronomy and Astrophysics, 2016, 592, A69.	2.1	53
45	Collisional Evolution of Trojan Asteroidsâ˜†. Icarus, 1997, 125, 39-49.	1.1	52
46	Acceleration of individual, decimetre-sized aggregates in the lower coma of comet 67P/Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2016, 462, S78-S88.	1.6	52
47	The LEECH Exoplanet Imaging Survey. Further constraints on the planet architecture of the HR 8799 system. Astronomy and Astrophysics, 2015, 576, A133.	2.1	50
48	The GAPS programme with HARPS-N at TNG. Astronomy and Astrophysics, 2015, 583, A135.	2.1	50
49	On the Instability of Jupiter's Trojans. Icarus, 2002, 159, 328-338.	1.1	49
50	On the eccentricity of self-gravitating circumstellar disks in eccentric binary systems. Astronomy and Astrophysics, 2009, 508, 1493-1502.	2.1	47
51	Dynamical behaviour of multiplanet systems close to their stability limit. Monthly Notices of the Royal Astronomical Society, 2014, 442, 1110-1116.	1.6	47
52	SIMBIO-SYS: Scientific Cameras and Spectrometer for the BepiColombo Mission. Space Science Reviews, 2020, 216, 1.	3.7	47
53	INTERACTION OF A GIANT PLANET IN AN INCLINED ORBIT WITH A CIRCUMSTELLAR DISK. Astrophysical Journal, 2009, 705, 1575-1583.	1.6	46
54	Influence of the circumbinary disk gravity on planetesimal accumulation in the Keplerâ€“16 system. Astronomy and Astrophysics, 2013, 553, A71.	2.1	46

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55	The surface composition of Jupiter Trojans: Visible and near-infrared survey of dynamical families. Icarus, 2006, 183, 420-434.	1.1	45
56	Combined effect of YORP and collisions on the rotation rate of small Main Belt asteroids. Icarus, 2011, 214, 622-631.	1.1	45
57	Long term stability of Earth Trojans. Celestial Mechanics and Dynamical Astronomy, 2013, 117, 91-100.	0.5	45
58	Abrupt alteration of Asteroid 2004 MN4's spin state during its 2029 Earth flyby. Icarus, 2005, 178, 281-283.	1.1	44
59	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.	1.6	44
60	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.	1.6	43
61	Stability of Jupiter Trojans investigated using frequency map analysis: the MATROS project. Monthly Notices of the Royal Astronomical Society, 2003, 345, 1091-1100.	1.6	42
62	Updated collisional probabilities of minor body populations. Astronomy and Astrophysics, 2001, 366, 1053-1060.	2.1	41
63	Evolution of NEO rotation rates due to close encounters with Earth and Venus. Icarus, 2004, 170, 312-323.	1.1	40
64	Tensile strength of 67P/Churyumovâ€“Gerasimenko nucleus material from overhangs. Astronomy and Astrophysics, 2018, 611, A33.	2.1	40
65	TRADES: A new software to derive orbital parameters from observed transit times and radial velocities. Astronomy and Astrophysics, 2014, 571, A38.	2.1	40
66	Rapid contraction of giant planets orbiting the 20-million-year-old star V1298 Tau. Nature Astronomy, 2022, 6, 232-240.	4.2	40
67	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.	1.6	39
68	The MATROS project: Stability of Uranus and Neptune Trojans. The case of 2001 QR322. Astronomy and Astrophysics, 2003, 410, 725-734.	2.1	39
69	Formation of terrestrial planets in close binary systems: The case of Î± Centauri A. Astronomy and Astrophysics, 2002, 396, 219-224.	2.1	38
70	Planetesimal Evolution in Circumbinary Gaseous Disks: A Hybrid Model. Astrophysical Journal, 2008, 681, 1599-1608.	1.6	36
71	Planetâ€“planet scattering in circumstellar gas disks. Astronomy and Astrophysics, 2010, 514, L4.	2.1	36
72	On how optical depth tunes the effects of the interstellar medium on debris discs. Monthly Notices of the Royal Astronomical Society, 2011, 416, 1890-1899.	1.6	34

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73	Neptune and Triton: Essential pieces of the Solar System puzzle. Planetary and Space Science, 2014, 104, 108-121.	0.9	34
74	Gas outflow and dust transport of comet 67P/Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2016, 462, S533-S546.	1.6	34
75	Observations and analysis of a curved jet in the coma of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2016, 588, L3.	2.1	34
76	High-contrast study of the candidate planets and protoplanetary disk around HD 100546. Astronomy and Astrophysics, 2018, 619, A160.	2.1	34
77	Jumping Jupiters in Binary Star Systems. Astrophysical Journal, 2005, 618, 502-511.	1.6	33
78	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.	1.6	33
79	Regional unit definition for the nucleus of comet 67P/Churyumov-Gerasimenko on the SHAP7 model. Planetary and Space Science, 2018, 164, 19-36.	0.9	32
80	Eccentricity of radiative disks in close binary-star systems. Astronomy and Astrophysics, 2012, 539, A98.	2.1	31
81	Exploring the realm of scaled solar system analogues with HARPS. Astronomy and Astrophysics, 2018, 615, A175.	2.1	29
82	Stable chaos in the 55Cnc exoplanetary system?. Monthly Notices of the Royal Astronomical Society: Letters, 2008, 389, L1-L3.	1.2	28
83	Nebular shock waves generated by planetesimals passing through Jovian resonances: Possible sites for chondrule formation. Meteoritics and Planetary Science, 2009, 44, 327-342.	0.7	28
84	Planets in Binaries: Formation and Dynamical Evolution. Galaxies, 2019, 7, 84.	1.1	28
85	A giant planet in the triple system HDÂ132563. Astronomy and Astrophysics, 2011, 533, A90.	2.1	27
86	The southern hemisphere of 67P/Churyumov-Gerasimenko: Analysis of the preperihelion size-frequency distribution of boulders â‰¥7 m. Astronomy and Astrophysics, 2016, 592, L2.	2.1	27
87	Terrestrial planet formation in exoplanetary systems with a giant planet on an external orbit. Astronomy and Astrophysics, 2002, 384, 594-602.	2.1	26
88	Rotating dust particles in the coma of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2015, 583, A14.	2.1	26
89	Decimetre-scaled spectrophotometric properties of the nucleus of comet 67P/Churyumovâ€“Gerasimenko from OSIRIS observations. Monthly Notices of the Royal Astronomical Society, 2016, 462, S287-S303.	1.6	26
90	The Instability of Venus Trojans. Astronomical Journal, 2005, 130, 2912-2915.	1.9	25

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91	SPOTS: The Search for Planets Orbiting Two Stars. Astronomy and Astrophysics, 2014, 572, A91.	2.1	25
92	The GAPS Programme at TNG. Astronomy and Astrophysics, 2021, 645, A71.	2.1	25
93	DETECTION OF SHARP SYMMETRIC FEATURES IN THE CIRCUMBINARY DISK AROUND AK Sco*. Astrophysical Journal Letters, 2016, 816, L1.	3.0	24
94	Asteroidal and cometary dust flux in the inner solar system. Astronomy and Astrophysics, 2017, 605, A94.	2.1	24
95	Three-dimensional modeling of radiative disks in binaries. Astronomy and Astrophysics, 2013, 556, A148.	2.1	24
96	Decoupling of a giant planet from its disk in an inclined binary system. Astronomy and Astrophysics, 2015, 583, A133.	2.1	23
97	Sublimation of icy aggregates in the coma of comet 67P/Churyumovâ€“Gerasimenko detected with the OSIRIS cameras on boardRosetta. Monthly Notices of the Royal Astronomical Society, 2016, 462, S57-S66.	1.6	23
98	Geomorphological mapping of comet 67P/Churyumovâ€“Gerasimenkoâ€™s Southern hemisphere. Monthly Notices of the Royal Astronomical Society, 2016, 462, S573-S592.	1.6	23
99	Investigating the physical properties of outbursts on comet 67P/Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 469, S731-S740.	1.6	23
100	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
101	SPOTS: The Search for Planets Orbiting Two Stars. Astronomy and Astrophysics, 2018, 619, A43.	2.1	22
102	Bilobate comet morphology and internal structure controlled by shear deformation. Nature Geoscience, 2019, 12, 157-162.	5.4	22
103	Debris discs in binaries: a numerical study. Astronomy and Astrophysics, 2010, 524, A13.	2.1	22
104	On deviations from free-radial outflow in the inner coma of comet 67P/Churyumovâ€“Gerasimenko. Icarus, 2018, 311, 1-22.	1.1	21
105	The phase function and density of the dust observed at comet 67P/Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2835-2839.	1.6	20
106	Models of Rosetta/OSIRIS 67P Dust Coma Phase Function. Astronomical Journal, 2018, 156, 237.	1.9	20
107	Coma morphology of comet 67P controlled by insolation over irregular nucleus. Nature Astronomy, 2018, 2, 562-567.	4.2	19
108	Planets in binary systems: is the present configuration indicative of the formation process?. Astronomy and Astrophysics, 2007, 467, 347-351.	2.1	19

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109	Saturn Trojans: Stability Regions in the Phase Space. Astrophysical Journal, 2002, 579, 905-913.	1.6	18
110	Linking surface morphology, composition, and activity on the nucleus of 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2019, 630, A7.	2.1	18
111	Exploiting timing capabilities of the CHEOPS mission with warm-Jupiter planets. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3810-3830.	1.6	18
112	Very early collisional evolution in the asteroid belt. Earth, Planets and Space, 2001, 53, 1093-1097.	0.9	17
113	Effects of stellar flybys on planetary systems: 3D modeling of the circumstellar diskâ€™s damping effects. Astronomy and Astrophysics, 2014, 564, A28.	2.1	17
114	Post-perihelion photometry of dust grains in the coma of 67P Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2017, 469, S195-S203.	1.6	17
115	Dynamical Evolution of Ejecta from the DART Impact on Dimorphos. Planetary Science Journal, 2022, 3, 118.	1.5	17
116	A numerical study of the 2:1 planetary resonance. Astronomy and Astrophysics, 2006, 453, 341-348.	2.1	15
117	Impact of planetâ€“planet scattering on the formation and survival of debris discs. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1419-1424.	1.6	15
118	Matching asteroid population characteristics with a model constructed from the YORP-induced rotational fission hypothesis. Icarus, 2016, 277, 381-394.	1.1	15
119	Exposed bright features on the comet 67P/Churyumovâ€“Gerasimenko: distribution and evolution. Astronomy and Astrophysics, 2018, 613, A36.	2.1	15
120	Dust-to-gas Ratio Resurgence in Circumstellar Disks Due to the Formation of Giant Planets: The Case of HD 163296. Astrophysical Journal, 2019, 877, 50.	1.6	15
121	Surface evolution of the Anhur region on comet 67P/Churyumov-Gerasimenko from high-resolution OSIRIS images. Astronomy and Astrophysics, 2019, 630, A13.	2.1	15
122	Hydrocode simulations of the largest crater on asteroid Lutetia. Planetary and Space Science, 2012, 66, 147-154.	0.9	14
123	Stability of multiplanet systems in binaries. Astronomy and Astrophysics, 2016, 594, A89.	2.1	14
124	Time evolution of dust deposits in the Hapi region of comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2020, 636, A91.	2.1	13
125	Frequency map analysis of the 3/1 resonance between planets b and c in the 55 Cancri system. Astronomy and Astrophysics, 2005, 442, 359-364.	2.1	12
126	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.	1.6	12

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127	Characterization of dust aggregates in the vicinity of the Rosetta spacecraft. Monthly Notices of the Royal Astronomical Society, 2017, 469, S312-S320.	1.6	12
128	The Complex History of Trojan Asteroids. , 2015, , .		12
129	Asteroid detection at millimetric wavelengths with the PLANCK survey. New Astronomy, 2002, 7, 483-494.	0.8	11
130	Clues to the origin of jupiter's trojans: the libration amplitude distribution. Icarus, 2003, 162, 453-459.	1.1	11
131	Opposition effect on comet 67P/Churyumov-Gerasimenko using Rosetta-OSIRIS images. Astronomy and Astrophysics, 2017, 599, A11.	2.1	11
132	Mean Motion Resonances, Gas Drag, and Supersonic Planetesimals in the Solar Nebula. Celestial Mechanics and Dynamical Astronomy, 2002, 82, 225-242.	0.5	10
133	Pericenter precession induced by a circumstellar disk on the orbit of massive bodies: comparison between analytical predictions and numerical results. Astronomy and Astrophysics, 2016, 589, A133.	2.1	10
134	Planet dispersal in binary systems during transient multiple star phases. Astronomy and Astrophysics, 2007, 472, 643-647.	2.1	10
135	Circumstellar disks do erase the effects of stellar flybys on planetary systems. Astronomy and Astrophysics, 2013, 550, A64.	2.1	9
136	The GAPS Programme with HARPS-N at TNG. Astronomy and Astrophysics, 2017, 599, A90.	2.1	9
137	Multidisciplinary analysis of the Hapi region located on Comet 67P/Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2139-2154.	1.6	9
138	The Rockyâ€Like Behavior of Cometary Landslides on 67P/Churyumovâ€Gerasimenko. Geophysical Research Letters, 2019, 46, 14336-14346.	1.5	9
139	The GAPS programme at TNG. Astronomy and Astrophysics, 2020, 639, A50.	2.1	9
140	Evolution of an Asteroid Family under YORP, Yarkovsky, and Collisions. Astronomical Journal, 2020, 160, 128.	1.9	9
141	Statistical analysis of the flux of micrometeoroids at Mercury from both cometary and asteroidal components. Astronomy and Astrophysics, 2016, 585, A106.	2.1	8
142	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.	1.6	8
143	Shifting of the resonance location for planets embedded in circumstellar disks. Astronomy and Astrophysics, 2018, 611, A37.	2.1	8
144	Circumstellar Dust Distribution in Systems with Two Planets in Resonance. Astronomical Journal, 2019, 157, 45.	1.9	8

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145	Dynamical stability of the inner belt around Epsilon Eridani. Astronomy and Astrophysics, 2009, 499, L13-L16.	2.1	7
146	The big lobe of 67P/Churyumovâ€“Gerasimenko comet: morphological and spectrophotometric evidences of layering as from OSIRIS data. Monthly Notices of the Royal Astronomical Society, 2018, 479, 1555-1568.	1.6	7
147	Pronounced morphological changes in a southern active zone on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2019, 630, A8.	2.1	7
148	PLANETARY SCIENCE: Puzzling Neptune Trojans. Science, 2006, 313, 451-452.	6.0	6
149	Search for satellites near (21) Lutetia using OSIRIS/Rosetta images. Planetary and Space Science, 2012, 66, 64-70.	0.9	6
150	The backscattering ratio of comet 67P/Churyumov-Gerasimenko dust coma as seen by OSIRIS onboard Rosetta. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	6
151	Influence of general-relativity effects, dynamical tides, and collisions on planetâ€“planet scattering close to the star. Astronomy and Astrophysics, 2019, 625, A121.	2.1	6
152	Dust Resurgence in Protoplanetary Disks Due to Planetesimalâ€“Planet Interactions. Astrophysical Journal Letters, 2022, 927, L22.	3.0	6
153	Is the LinnÃ© impact crater morphology influenced by the rheological layering on the Moon's surface? Insights from numerical modeling. Meteoritics and Planetary Science, 2017, 52, 1388-1411.	0.7	5
154	Observational constraints to the dynamics of dust particles in the coma of comet 67P/Churyumovâ€“Gerasimenko. Monthly Notices of the Royal Astronomical Society, 2021, 504, 4687-4705.	1.6	5
155	Interstellar medium perturbations on transport-dominated debris discs in binary star systems. Monthly Notices of the Royal Astronomical Society, 2012, 421, 3431-3442.	1.6	4
156	Quantitative analysis of isolated boulder fields on comet 67P/Churyumov-Gerasimenko. Astronomy and Astrophysics, 2019, 630, A15.	2.1	4
157	Ring dynamics around an oblate body with an inclined satellite: the case of Haumea. Astronomy and Astrophysics, 2020, 643, A67.	2.1	4
158	Trojansâ€™ Odyssey: Unveiling the early history of the Solar System. Experimental Astronomy, 2012, 33, 685-721.	1.6	3
159	Statistical analysis of the flux of micrometeoroids at Mercury from both cometary and asteroidal components(Corrigendum). Astronomy and Astrophysics, 2016, 588, C3.	2.1	3
160	Secular evolution of close-in planets: the effects of general relativity. Monthly Notices of the Royal Astronomical Society, 2020, 493, 427-436.	1.6	3
161	Dust distribution around low-mass planets on converging orbits. Astronomy and Astrophysics, 2020, 641, A125.	2.1	3
162	Second-generation dust in planetary systems: the case of HDÂ163296. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3181-3193.	1.6	3

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163	Disks in close binary stars. Gamma-Cephei revisited. Astronomy and Astrophysics, 0, , .	2.1	2
164	Planetâ€“planet scattering in presence of a companion star. Monthly Notices of the Royal Astronomical Society, 2022, 510, 5050-5061.	1.6	2
165	A search of outer Trojans on ASTROVIRTEL images. Planetary and Space Science, 2005, 53, 643-651.	0.9	1
166	Effects of interplanetary dust on the LISA drag-free constellation. Celestial Mechanics and Dynamical Astronomy, 2010, 107, 255-264.	0.5	1
167	Phase-curve analysis of comet 67P/Churyumov-Gerasimenko at small phase angles. Astronomy and Astrophysics, 2019, 630, A11.	2.1	1
168	Martian Ice Revealed by Modeling of Simple Terraced Crater Formation. Journal of Geophysical Research E: Planets, 2020, 125, e2019JE006108.	1.5	1
169	Planet formation: is it good or bad to have a stellar companion?. EAS Publications Series, 2010, 42, 239-253.	0.3	0
170	The SARG Planet Search. EAS Publications Series, 2010, 42, 117-124.	0.3	0