Javier Licandro

List of Publications by Year
in descending order

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221 papers	6,554 citations	66343 42 h-index	98798 67 g-index
225 all docs	225 docs citations	225 times ranked	3874 citing authors

#	Article	IF	Citations
1	Water ice and organics on the surface of the asteroid 24 Themis. Nature, 2010, 464, 1320-1321.	27.8	312
2	Properties of rubble-pile asteroid (101955) Bennu from OSIRIS-REx imaging and thermal analysis. Nature Astronomy, 2019, 3, 341-351.	10.1	188
3	Deep Impact: Observations from a Worldwide Earth-Based Campaign. Science, 2005, 310, 265-269.	12.6	182
4	Episodes of particle ejection from the surface of the active asteroid (101955) Bennu. Science, 2019, 366, .	12.6	129
5	Discovery of a Low-Mass Brown Dwarf Companion of the Young Nearby Star G 196-3 . , 1998, 282, 1309-1312.		128
6	J-PLUS: The Javalambre Photometric Local Universe Survey. Astronomy and Astrophysics, 2019, 622, A176.	5.1	124
7	The methane ice rich surface of large TNO 2005 FY9: a Pluto-twin in the trans-neptunian belt?. Astronomy and Astrophysics, 2006, 445, L35-L38.	5.1	114
8	Thermal properties, sizes, and size distribution of Jupiter-family cometary nuclei. Icarus, 2013, 226, 1138-1170.	2.5	112
9	Neutral Sodium from Comet Hale-Bopp: A Third Type of Tail. Astrophysical Journal, 1997, 490, L199-L202.	4.5	107
10	An evaluation of the exposure in nadir observation of the JEM-EUSO mission. Astroparticle Physics, 2013, 44, 76-90.	4.3	102
11	Nuclear magnitudes and the size distribution of Jupiter family comets. Icarus, 2006, 182, 527-549.	2.5	101
12	(65) Cybele: detection of small silicate grains, water-ice, and organics. Astronomy and Astrophysics, 2011, 525, A34.	5.1	101
13	EPOXI: COMET 103P/HARTLEY 2 OBSERVATIONS FROM A WORLDWIDE CAMPAIGN. Astrophysical Journal Letters, 2011, 734, L1.	8.3	96
14	Albedo and atmospheric constraints of dwarf planet Makemake from a stellar occultation. Nature, 2012, 491, 566-569.	27.8	95
15	Observations, compositional, and physical characterization of near-Earth and Mars-crosser asteroids from a spectroscopic survey. Astronomy and Astrophysics, 2010, 517, A23.	5.1	94
16	Possible ring material around centaur (2060) Chiron. Astronomy and Astrophysics, 2015, 576, A18.	5.1	92
17	The nature of comet-asteroid transition object (3200) Phaethon. Astronomy and Astrophysics, 2007, 461, 751-757.	5.1	90
18	Origin of the near-Earth asteroid Phaethon and the Geminids meteor shower. Astronomy and Astrophysics, 2010, 513, A26.	5.1	78

#	Article	IF	Citations
19	Spectroscopy of Bâ€type asteroids: Subgroups and meteorite analogs. Journal of Geophysical Research, 2010, 115, .	3.3	77
20	THE ORIGIN OF ASTEROID 101955 (1999 RQ₃₆). Astrophysical Journal Letters, 2010, 721, L53-L57.	8.3	75
21	Near-Earth asteroid (3200) Phaethon: Characterization of its orbit, spin state, and thermophysical parameters. Astronomy and Astrophysics, 2016, 592, A34.	5.1	73
22	CCD Photometry of Cometary Nuclei, I: Observations from 1990â€“1995. Icarus, 2000, 147, 161-179.	2.5	72
23	MarcoPolo-R near earth asteroid sample return mission. Experimental Astronomy, 2012, 33, 645-684.	3.7	72
24	A catalog of observed nuclear magnitudes of Jupiter family comets. Astronomy and Astrophysics, 2000, 146, 73-90.	2.1	72
25	Near-infrared spectroscopic survey of B-type asteroids: Compositional analysis. Icarus, 2012, 218, 196-206.	2.5	70
26	(596) SCHEILA IN OUTBURST: A PROBABLE COLLISION EVENT IN THE MAIN ASTEROID BELT. Astrophysical Journal, 2011, 738, 130.	4.5	65
27	Lightcurve, Color and Phase Function Photometry of the OSIRIS-REx Target Asteroid (101955) Bennu. Icarus, 2013, 226, 663-670.	2.5	63
28	NICS-TNG infrared spectroscopy of NGC 1068: The first extragalactic measurement of [P$ $II] and a new tool to constrain the origin of [Fe$ $II] line emission in galaxies. Astronomy and Astrophysics, 2001, 369, L5-L8.	5.1	63
29	Mineralogical characterization of some basaltic asteroids in the neighborhood of (4) Vesta: first results. Icarus, 2004, 171, 120-132.	2.5	61
30	NICS-TNG Low-Resolution 0.85â€“2.45 micron Spectra of L Dwarfs: A Near-Infrared Spectral Classification Scheme for Faint Dwarfs. Astrophysical Journal, 2001, 552, L147-L150.	4.5	61
31	Visible spectroscopy of 2003 UB313: evidence for N2 ice on the surface of the largest TNO?. Astronomy and Astrophysics, 2006, 458, L5-L8.	5.1	60
32	The surface of (136108) Haumea (2003ÂEL₆₁), the largest carbon-depleted object in the trans-Neptunian belt. Astronomy and Astrophysics, 2009, 496, 547-556.	5.1	57
33	Exogenic basalt on asteroid (101955) Bennu. Nature Astronomy, 2021, 5, 31-38.	10.1	57
34	THE ORIGIN OF ASTEROID 162173 (1999 JU₃). Astronomical Journal, 2013, 146, 26.	4.7	53
35	NICS-TNG infrared spectroscopy of trans-neptunian objects 2000 EB173 and 2000 WR106. Astronomy and Astrophysics, 2001, 373, L29-L32.	5.1	53
36	Testing the comet nature of main belt comets. The spectra of 133P/Elst-Pizarro and 176P/LINEAR. Astronomy and Astrophysics, 2011, 532, A65.	5.1	52

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37	The slow rotation of 253 Mathilde. Planetary and Space Science, 1995, 43, 1609-1613.	1.7	49
38	The dark nature of GRB 051022 and its host galaxy. Astronomy and Astrophysics, 2007, 475, 101-107.	5.1	48
39	The surface composition of Jupiter Trojans: Visible and near-infrared survey of dynamical families. Icarus, 2006, 183, 420-434.	2.5	45
40	The JEM-EUSO instrument. Experimental Astronomy, 2015, 40, 19-44.	3.7	45
41	Taxonomic classification of asteroids based on MOVIS near-infrared colors. Astronomy and Astrophysics, 2018, 617, A12.	5.1	45
42	Stardust-NExT, Deep Impact, and the accelerating spin of 9P/Tempel 1. Icarus, 2011, 213, 345-368.	2.5	44
43	Spitzer observations of spacecraft target 162173 (1999 JU3). Astronomy and Astrophysics, 2009, 503, L17-L20.	5.1	42
44	Near-infrared colors of minor planets recovered from VISTA-VHS survey (MOVIS). Astronomy and Astrophysics, 2016, 591, A115.	5.1	42
45	The Remote Observatories of the Southeastern Association for Research in Astronomy (SARA). Publications of the Astronomical Society of the Pacific, 2017, 129, 015002.	3.1	42
46	Rotational fission of trans-Neptunian objects: the case of Haumea. Monthly Notices of the Royal Astronomical Society, 2012, 419, 2315-2324.	4.4	41
47	Nuclear Spectra of Comet 162P/Siding Spring (2004 TU12). Astronomical Journal, 2006, 132, 1346-1353.	4.7	38
48	THE DUST ENVIRONMENT OF MAIN-BELT COMET P/2010 R2 (LA SAGRA). Astrophysical Journal Letters, 2011, 738, L16.	8.3	38
49	The JEM-EUSO mission: An introduction. Experimental Astronomy, 2015, 40, 3-17.	3.7	38
50	Spectral properties of asteroids in cometary orbits. Astronomy and Astrophysics, 2008, 481, 861-877.	5.1	37
51	Unveiling the nature of 10199 Chariklo: near-infrared observations and modeling. Icarus, 2003, 164, 122-126.	2.5	36
52	Infrared spectroscopy of the largest known trans-Neptunian object 2001 KX$_mathsf{76}$. Astronomy and Astrophysics, 2002, 388, L9-L12.	5.1	35
53	Spectroscopic investigation of near-Earth objects at Telescopio Nazionale Galileo. Monthly Notices of the Royal Astronomical Society, 2005, 359, 1575-1582.	4.4	35
54	Exploring the nature of new main-belt comets with the 10.4Âm GTC telescope: (300163) 2006 VW139. Astronomy and Astrophysics, 2013, 550, A17.	5.1	35

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55	The binary near-Earth Asteroid (175706) 1996 FG3 â€" An observational constraint on its orbital evolution. Icarus, 2015, 245, 56-63.	2.5	35
56	Near-infrared spectroscopy of the nucleus of comet 124P/Mrkos. Astronomy and Astrophysics, 2003, 398, L45-L48.	5.1	34
57	Physical properties of B-type asteroids from WISE data. Astronomy and Astrophysics, 2013, 554, A71.	5.1	34
58	New polarimetric and spectroscopic evidence of anomalous enrichment in spinel-bearing calcium-aluminium-rich inclusions among L-type asteroids. Icarus, 2018, 304, 31-57.	2.5	34
59	Near-infrared spectroscopy of primitive asteroid families. Icarus, 2011, 213, 538-546.	2.5	33
60	Thermophysical properties of near-Earth asteroid (341843) 2008 EV₅from WISE data. Astronomy and Astrophysics, 2014, 561, A45.	5.1	33
61	Visible spectroscopy of the Polanaâ€"Eulalia family complex: Spectral homogeneity. Icarus, 2016, 266, 57-75.	2.5	33
62	5â€"14ÂÎ¼mSpitzerspectra of Themis family asteroids. Astronomy and Astrophysics, 2012, 537, A73.	5.1	33
63	The Rotation Period of C/1995 O1 (Hale-Bopp). Astrophysical Journal, 1998, 501, L221-L225.	4.5	33
64	Time Delay in QSO 0957+561 From 1984â€"1999 Optical Data. Astrophysical Journal, 2001, 552, 81-90.	4.5	33
65	Spectral analysis and mineralogical characterization of 11 olivineâ€"pyroxene rich NEAs. Advances in Space Research, 2006, 37, 178-183.	2.6	32
66	The persistent activity of Jupiter-family comets at 3â€"7AU. Icarus, 2013, 225, 475-494.	2.5	32
67	BVRIPhotometry of QSO 0957+561A, B: Observations, New Reduction Method, and Time Delay. Astrophysical Journal, 1999, 526, 40-51.	4.5	31
68	The EUSO-Balloon pathfinder. Experimental Astronomy, 2015, 40, 281-299.	3.7	31
69	Compositional study of asteroids in the Erigone collisional family using visible spectroscopy at the 10.4â€‰m GTC. Astronomy and Astrophysics, 2016, 586, A129.	5.1	29
70	The 67P/Churyumovâ€"Gerasimenko observation campaign in support of the Rosetta mission. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20160249.	3.4	29
71	Modeling the photometric and dynamical behavior of Super-Schmidt meteors in the Earth's atmosphere. Astronomy and Astrophysics, 2002, 389, 680-691.	5.1	29
72	Physical properties and orbital stability of the Trojan asteroids. Icarus, 2008, 195, 686-697.	2.5	28

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73	A SHORT-DURATION EVENT AS THE CAUSE OF DUST EJECTION FROM MAIN-BELT COMET P/2012 F5 (GIBBS). Astrophysical Journal Letters, 2012, 761, L12.	8.3	28
74	Evolution of the dust coma in comet 67P/Churyumov-Gerasimenko before the 2009 perihelion. Astronomy and Astrophysics, 2011, 531, A54.	5.1	27
75	JEM-EUSO: Meteor and nuclearite observations. Experimental Astronomy, 2015, 40, 253-279.	3.7	27
76	The Castalia mission to Main Belt Comet 133P/Elst-Pizarro. Advances in Space Research, 2018, 62, 1947-1976.	2.6	27
77	EUSO-TA â€“ First results from a ground-based EUSO telescope. Astroparticle Physics, 2018, 102, 98-111.	4.3	27
78	The spectrum of (136199) Eris between 350 and 2350 nm: results with X-Shooter. Astronomy and Astrophysics, 2011, 532, A130.	5.1	26
79	V-type candidates and Vesta family asteroids in the Moving Objects VISTA (MOVIS) catalogue. Astronomy and Astrophysics, 2017, 600, A126.	5.1	26
80	Overcoming the Challenges Associated with Imageâ€Based Mapping of Small Bodies in Preparation for the OSIRISâ€REx Mission to (101955) Bennu. Earth and Space Science, 2018, 5, 929-949.	2.6	26
81	The water ice rich surface of (145453) 2005 RR$mathsf{_{43}}$: a case for a carbon-depleted population of TNOs?. Astronomy and Astrophysics, 2007, 468, L25-L28.	5.1	26
82	Behaviour of Comet 21P/Giacobini-Zinner during the 1998 perihelion. Astronomy and Astrophysics, 2003, 399, 763-772.	5.1	25
83	WATER-ICE-DRIVEN ACTIVITY ON MAIN-BELT COMET P/2010 A2 (LINEAR)?. Astrophysical Journal Letters, 2010, 718, L132-L136.	8.3	25
84	Near-Earth asteroids spectroscopic survey atIsaac NewtonTelescope. Astronomy and Astrophysics, 2019, 627, A124.	5.1	25
85	Sublimating components in the coma of comet C/2000 WM1(LINEAR). Astronomy and Astrophysics, 2004, 424, 325-330.	5.1	25
86	Interstellar Visitors: A Physical Characterization of Comet C/2019 Q4 (Borisov) with OSIRIS at the 10.4â€‰m GTC. Research Notes of the AAS, 2019, 3, 131.	0.7	25
87	Portrait of the Polanaâ€“Eulalia family complex: Surface homogeneity revealed from near-infrared spectroscopy. Icarus, 2016, 274, 231-248.	2.5	24
88	The Splitting of Double-component Active Asteroid P/2016 J1 (PANSTARRS). Astrophysical Journal Letters, 2017, 837, L3.	8.3	24
89	VR Photometry of Sixteen Kuiper Belt Objects. Icarus, 2001, 152, 246-250.	2.5	23
90	THE DUST ENVIRONMENT OF MAIN-BELT COMET P/2012 T1 (PANSTARRS). Astrophysical Journal Letters, 2013, 770, L30.	8.3	23

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91	Size and albedo distributions of asteroids in cometary orbits using WISE data. Astronomy and Astrophysics, 2016, 585, A9.	5.1	23
92	PRIMASS visits Hilda and Cybele groups. Icarus, 2018, 311, 35-51.	2.5	23
93	Expected spectral characteristics of (101955) Bennu and (162173) Ryugu, targets of the OSIRIS-REx and Hayabusa2 missions. Icarus, 2018, 313, 25-37.	2.5	23
94	Spectrally blue hydrated parent body of asteroid (162173) Ryugu. Nature Communications, 2021, 12, 5837.	12.8	23
95	Photometric Observations and Modeling of Asteroid 1620 Geographos. Icarus, 1996, 123, 227-244.	2.5	22
96	The Inhomogeneous Surface of Centaur 32522 Thereus (2001 PT 13). Astrophysical Journal, 2005, 630, L93-L96.	4.5	21
97	New observations of asteroid (175706) 1996 FG3, primary target of the ESAMarco Polo-R mission. Astronomy and Astrophysics, 2011, 530, L12.	5.1	21
98	The Spin Axis Position of C/1995 O1 (Haleâ€“Bopp). Earth, Moon and Planets, 1997, 77, 199-206.	0.6	20
99	The activity of comet C/2007 D1 (LINEAR) at 9.7ÂAU from the Sun. Astronomy and Astrophysics, 2010, 513, A33.	5.1	20
100	Differences between the Pallas collisional family and similarly sized B-type asteroids. Astronomy and Astrophysics, 2016, 591, A14.	5.1	20
101	The visible and near-infrared spectra of asteroids in cometary orbits. Astronomy and Astrophysics, 2018, 618, A170.	5.1	20
102	Trans-neptunian object (55636) 2002 TX$mathsf{_{300}}$, a fresh icy surface in the outer solar system. Astronomy and Astrophysics, 2006, 457, 329-333.	5.1	20
103	Visible and Infrared Images of C/1999 S4 (LINEAR) during the Disruption of Its Nucleus. Icarus, 2002, 157, 187-192.	2.5	19
104	Basaltic asteroids in the Near-Earth Objects population: a mineralogical analysis. Astronomy and Astrophysics, 2006, 456, 775-781.	5.1	19
105	Comet 162P/Siding Spring: A Surprisingly Large Nucleus. Astronomical Journal, 2006, 132, 1354-1360.	4.7	19
106	Links between the dynamical evolution and the surface color of the Centaurs. Astronomy and Astrophysics, 2012, 539, A144.	5.1	19
107	EARLY EVOLUTION OF DISRUPTED ASTEROID P/2016 G1 (PANSTARRS). Astrophysical Journal Letters, 2016, 826, L22.	8.3	19
108	Mineralogical characterization of A-type asteroid (1951) Lick. Astronomy and Astrophysics, 2004, 422, L59-L62.	5.1	19

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109	Near-infrared spectroscopy of 1999 JU3, the target of the Hayabusa 2 mission. Astronomy and Astrophysics, 2013, 552, A79.	5.1	18
110	Observational results for eight long-period comets observed far from the Sun. Astronomy and Astrophysics, 2014, 561, A6.	5.1	18
111	INTERMITTENT DUST MASS LOSS FROM ACTIVATED ASTEROID P/2013 P5 (PANSTARRS). Astrophysical Journal, 2014, 781, 118.	4.5	18
112	Rotationally resolved spectroscopy of dwarf planet (136472) Makemake. Astronomy and Astrophysics, 2015, 577, A86.	5.1	18
113	DUST LOSS FROM ACTIVATED ASTEROID P/2015 X6. Astrophysical Journal, 2016, 826, 137.	4.5	18
114	CASTAway: An asteroid main belt tour and survey. Advances in Space Research, 2018, 62, 1998-2025.	2.6	18
115	Visible spectroscopy of the Sulamitis and Clarissa primitive families: a possible link to Erigone and Polana. Astronomy and Astrophysics, 2018, 610, A25.	5.1	18
116	Dust properties of double-tailed active asteroid (6478) Gault. Astronomy and Astrophysics, 2019, 624, L14.	5.1	18
117	Ultra-violet imaging of the night-time earth by EUSO-Balloon towards space-based ultra-high energy cosmic ray observations. Astroparticle Physics, 2019, 111, 54-71.	4.3	18
118	Cosmic ray oriented performance studies for the JEM-EUSO first level trigger. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 866, 150-163.	1.6	17
119	Meteor studies in the framework of the JEM-EUSO program. Planetary and Space Science, 2017, 143, 245-255.	1.7	17
120	73p/Schwassmannâ€“Wachmann 3 â€“ One Orbit after Break-Up: Search for Fragments. Earth, Moon and Planets, 2002, 90, 131-139.	0.6	16
121	Deep Impact, Stardust-NExT and the behavior of Comet 9P/Tempel 1 from 1997 to 2010. Icarus, 2011, 213, 323-344.	2.5	16
122	Ground-based tests of JEM-EUSO components at the Telescope Array site, â€œEUSO-TAâ€• Experimental Astronomy, 2015, 40, 301-314.	3.7	16
123	JEM-EUSO observational technique and exposure. Experimental Astronomy, 2015, 40, 117-134.	3.7	16
124	The Veritas and Themis asteroid families: 5â€“14Â Âµ m spectra with the Spitzer Space Telescope. Icarus, 2016, 269, 62-74.	2.5	16
125	The last pieces of the primitive inner belt puzzle: Klio, Chaldaea, Chimaera, and Svea. Astronomy and Astrophysics, 2019, 630, A141.	5.1	16
126	Digging into the surface of the icy dwarf planet Eris. Icarus, 2009, 199, 520-525.	2.5	15

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127	Low Perihelion Near-Earth Asteroids. Earth, Moon and Planets, 2009, 105, 159-165.	0.6	15
128	The spectrum of Pluto, 0.40â€“0.93Î¼m. Astronomy and Astrophysics, 2016, 585, A131.	5.1	15
129	The EURONEAR Lightcurve Survey of Near Earth Asteroids. Earth, Moon and Planets, 2017, 120, 41-100.	0.6	15
130	First observations of speed of light tracks by a fluorescence detector looking down on the atmosphere. Journal of Instrumentation, 2018, 13, P05023-P05023.	1.2	15
131	Spitzer observations of the asteroid-comet transition object and potential spacecraft target 107P (4015) Wilson-Harrington. Astronomy and Astrophysics, 2009, 507, 1667-1670.	5.1	15
132	Visible spectroscopy in the neighborhood of 2003EL₆₁. Astronomy and Astrophysics, 2008, 489, 455-458.	5.1	15
133	The Effect of Seeing Variations in Time-Series CCD Inner Coma Photometry of Comets: A New Correction Method. Astronomical Journal, 2000, 119, 3133-3144.	4.7	14
134	New spin period determination for comet 6P/d'Arrest. Astronomy and Astrophysics, 2003, 407, L37-L40.	5.1	14
135	Multi-wavelength spectral study of asteroids in cometary orbits. Advances in Space Research, 2006, 38, 1991-1994.	2.6	14
136	Testing space weathering models on A-type asteroid (1951) Lick. Astronomy and Astrophysics, 2007, 472, 653-656.	5.1	14
137	The trans-Neptunian object size distribution at small sizes. Astronomy and Astrophysics, 2009, 500, 909-916.	5.1	14
138	Triple Fâ€”a comet nucleus sample return mission. Experimental Astronomy, 2009, 23, 809-847.	3.7	14
139	Taxonomy of asteroids in the Cybele region from the analysis of the Sloan Digital Sky Survey colors. Icarus, 2010, 206, 729-734.	2.5	14
140	EURONEARâ€”Recovery, follow-up and discovery of NEAs and MBAs using large field 1â€“2m telescopes. Planetary and Space Science, 2011, 59, 1632-1646.	1.7	14
141	Bennu's global surface and two candidate sample sites characterized by spectral clustering of OSIRIS-REx multispectral images. Icarus, 2021, 364, 114467.	2.5	14
142	Transmission curves and effective refraction indices of MKO near infrared consortium filters at cryogenic temperatures. Astronomy and Astrophysics, 2002, 386, 1157-1159.	5.1	13
143	Dust Activity in Comet 67P/Churyumovâ€“Gerasimenko from February 20 to April 20, 2003. Earth, Moon and Planets, 2005, 97, 165-175.	0.6	12
144	The size and thermal properties of the nucleus of Comet 22P/Kopff. Icarus, 2009, 199, 568-570.	2.5	12

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145	Asteroids (65) Cybele, (107) Camilla and (121) Hermione: Infrared spectral diversity among the Cybeles. Icarus, 2012, 221, 453-455.	2.5	12
146	Visible and near-infrared observations of asteroid 2012 DA14during its closest approach of February 15, 2013. Astronomy and Astrophysics, 2013, 555, L2.	5.1	12
147	Surface composition and dynamical evolution of two retrograde objects in the outer solar system: 2008 YB₃and 2005 VD. Astronomy and Astrophysics, 2013, 550, A13.	5.1	12
148	Blending the distinctions among groups of minor bodies: a portrait of the Centaur-comet â€œtransitionâ€• object P/2010â€‰C1 (Scotti). Astronomy and Astrophysics, 2014, 565, A69.	5.1	12
149	ON THE DUST ENVIRONMENT OF MAIN-BELT COMET 313 P/Gibbs. Astrophysical Journal, 2015, 806, 102.	4.5	12
150	Physical and dynamical properties of the anomalous comet 249P/LINEAR. Icarus, 2017, 295, 34-45.	2.5	12
151	The Surface of Cometary Nulcei Related Minor Icy Bodies. Earth, Moon and Planets, 2002, 90, 495-496.	0.6	11
152	Space experiment TUS on board the Lomonosov satellite as pathfinder of JEM-EUSO. Experimental Astronomy, 2015, 40, 315-326.	3.7	11
153	Physical properties of the extreme Centaur and super-comet candidate 2013â€‰AZ₆₀. Astronomy and Astrophysics, 2015, 583, A93.	5.1	11
154	Spectroscopic and dynamical properties of comet C/2018 F4, likely a true average former member of the Oort cloud. Astronomy and Astrophysics, 2019, 625, A133.	5.1	11
155	Visible and near-infrared observations of interstellar comet 2I/Borisov with the 10.4-m GTC and the 3.6-m TNG telescopes. Monthly Notices of the Royal Astronomical Society, 2020, 495, 2053-2062.	4.4	11
156	The size distribution of asteroids in cometary orbits and related populations. Astronomy and Astrophysics, 2006, 458, 1007-1011.	5.1	11
157	Nuclear Spectra of Comet 28P Neujmin 1. Astronomical Journal, 2007, 134, 1626-1633.	4.7	10
158	Additional spectra of asteroid 1996 FG3, backup target of the ESAMarcoPolo-Rmission. Astronomy and Astrophysics, 2013, 556, A33.	5.1	10
159	A double-station meteor camera set-up in the Canary Islands â€“ CILBO. Geoscientific Instrumentation, Methods and Data Systems, 2013, 2, 339-348.	1.6	10
160	Rotationally resolved spectroscopy of (20000) Varuna in the near-infrared. Astronomy and Astrophysics, 2014, 562, A85.	5.1	10
161	The JEM-EUSO observation in cloudy conditions. Experimental Astronomy, 2015, 40, 135-152.	3.7	10
162	The atmospheric monitoring system of the JEM-EUSO instrument. Experimental Astronomy, 2015, 40, 45-60.	3.7	10

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163	Non-Vestoid candidate asteroids in the inner main belt. Astronomy and Astrophysics, 2017, 599, A107.	5.1	10
164	Distribution and spectrophotometric classification of basaltic asteroids. Monthly Notices of the Royal Astronomical Society, 2020, 491, 5966-5979.	4.4	10
165	GTC/CanariCam observations of (99942) Apophis. Astronomy and Astrophysics, 2016, 585, A10.	5.1	10
166	Around the Clock Observations of the Q0957+561A,B Gravitationally Lensed Quasar. Astrophysical Journal, 2002, 565, 105-107.	4.5	9
167	Dust environment of active asteroids P/2019 A4 (PANSTARRS) and P/2021 A5 (PANSTARRS). Monthly Notices of the Royal Astronomical Society, 2021, 506, 1733-1740.	4.4	9
168	Widely distributed exogenic materials of varying compositions and morphologies on asteroid (101955) Bennu. Monthly Notices of the Royal Astronomical Society, 2021, 508, 2053-2070.	4.4	9
169	Dust in comet McNaught-Hartley (C/1999 T1) from Jan. 25 toÂFeb.Â04, 2001: IR and optical CCD imaging. Astronomy and Astrophysics, 2003, 404, 373-378.	5.1	8
170	Spectra of asteroid families in support of Gaia. Planetary and Space Science, 2012, 73, 95-97.	1.7	8
171	739 observed NEAs and new 2â€“4 m survey statistics within the EURONEAR network. Planetary and Space Science, 2013, 85, 299-311.	1.7	8
172	The infrared camera prototype characterization for the JEM-EUSO space mission. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 749, 74-83.	1.6	8
173	Science of atmospheric phenomena with JEM-EUSO. Experimental Astronomy, 2015, 40, 239-251.	3.7	8
174	Performances of JEM-EUSO: angular reconstruction. Experimental Astronomy, 2015, 40, 153-177.	3.7	8
175	Color study of asteroid families within the MOVIS catalog. Astronomy and Astrophysics, 2018, 617, A72.	5.1	8
176	The active centaur 2020 MK₄. Astronomy and Astrophysics, 2021, 649, A85.	5.1	8
177	Structures in the dust coma of comet C/1999 T1 (McNaught-Hartley) from Jan. 26 to Feb. 05, 2001. Astronomy and Astrophysics, 2009, 497, 843-846.	5.1	7
178	Performances of JEMâ€“EUSO: energy and X max reconstruction. Experimental Astronomy, 2015, 40, 183-214.	3.7	7
179	The infrared camera onboard JEM-EUSO. Experimental Astronomy, 2015, 40, 61-89.	3.7	7
180	Physical characterization of 2020ÂAV2, the first known asteroid orbiting inside Venus orbit. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3572-3581.	4.4	7

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