Lorenzo Monaco

List of Publications by Year
in descending order

78 papers	2,754 citations	136885 32 h-index	197736 49 g-index
78 all docs	78 docs citations	78 times ranked	2732 citing authors

#	Article	IF	Citations
1	An extremely primitive star in the Galactic halo. Nature, 2011, 477, 67-69.	13.7	279
2	KINEMATICS AND CHEMISTRY OF RECENTLY DISCOVERED RETICULUM 2 AND HOROLOGIUM 1 DWARF GALAXIES. Astrophysical Journal, 2015, 811, 62.	1.6	123
3	ELEMENTAL ABUNDANCES AND THEIR IMPLICATIONS FOR THE CHEMICAL ENRICHMENT OF THE BOÃ–TES I ULTRAFAINT GALAXY. Astrophysical Journal, 2013, 763, 61.	1.6	98
4	TheGaia-ESO Survey. Astronomy and Astrophysics, 2017, 601, A112.	2.1	90
5	Deep [ITAL]Hubble Space Telescope[/ITAL] WFPC2 Photometry of NGC 288. I. Binary Systems and Blue Stragglers. Astronomical Journal, 2002, 123, 1509-1527.	1.9	90
6	TheGaia-ESO Survey: radial distribution of abundances in the Galactic disc from open clusters and young-field stars. Astronomy and Astrophysics, 2017, 603, A2.	2.1	84
7	TheGaia-ESO Survey: revisiting the Li-rich giant problem. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3336-3352.	1.6	69
8	TheGaia-ESO Survey: the present-day radial metallicity distribution of the Galactic disc probed by pre-main-sequence clusters. Astronomy and Astrophysics, 2017, 601, A70.	2.1	63
9	TOPoS. Astronomy and Astrophysics, 2018, 612, A65.	2.1	63
10	TheGaia-ESO Survey: Probes of the inner disk abundance gradient. Astronomy and Astrophysics, 2016, 591, A37.	2.1	57
11	TheGaia-ESO Survey: Sodium and aluminium abundances in giants and dwarfs. Astronomy and Astrophysics, 2016, 589, A115.	2.1	55
12	The Gaia-ESO Survey: lithium depletion in the Gamma Velorum cluster and inflated radii in low-mass pre-main-sequence stars. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1456-1465.	1.6	54
13	TheGaia-ESO Survey: open clusters inGaia-DR1. Astronomy and Astrophysics, 2018, 612, A99.	2.1	53
14	The Gaia-ESO Survey: a quiescent Milky Way with no significant dark/stellar accreted discâ˜…. Monthly Notices of the Royal Astronomical Society, 2015, 450, 2874-2887.	1.6	52
15	The Structure of Charikloâ€™s Rings from Stellar Occultations. Astronomical Journal, 2017, 154, 144.	1.9	52
16	TheGaia-ESO Survey: Calibration strategy. Astronomy and Astrophysics, 2017, 598, A5.	2.1	51
17	Simultaneous X-ray and optical observations of true type 2 Seyfert galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 426, 3225-3240.	1.6	47
18	TheGaia-ESO Survey: A lithium-rotation connection at 5 Myr?. Astronomy and Astrophysics, 2016, 590, A78.	2.1	46

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19	Chemical abundances in the nucleus of the Sagittarius dwarf spheroidal galaxy. Astronomy and Astrophysics, 2017, 605, A46.	2.1	46
20	TheGaia-ESO Survey: impact of extra mixing on C and N abundances of giant stars. Astronomy and Astrophysics, 2019, 621, A24.	2.1	45
21	TheGaia-ESO Survey: double-, triple-, and quadruple-line spectroscopic binary candidates. Astronomy and Astrophysics, 2017, 608, A95.	2.1	45
22	TheGaia-ESO Survey: Insights into the inner-disc evolution from open clusters. Astronomy and Astrophysics, 2015, 580, A85.	2.1	44
23	Abundance ratios of red giants in low-mass ultra-faint dwarf spheroidal galaxies. Astronomy and Astrophysics, 2016, 588, A7.	2.1	44
24	The Gaia-ESO Survey: the origin and evolution of s-process elements. Astronomy and Astrophysics, 2018, 617, A106.	2.1	41
25	Ages and Heavy Element Abundances from Very Metal-poor Stars in the Sagittarius Dwarf Galaxy*. Astrophysical Journal, 2018, 855, 83.	1.6	40
26	The Gaia-ESO Survey: evidence of atomic diffusion in M67?. Monthly Notices of the Royal Astronomical Society, 2018, 478, 425-438.	1.6	40
27	Blue Horizontal-Branch Stars in the Sagittarius Dwarf Spheroidal Galaxy. Astrophysical Journal, 2003, 597, L25-L28.	1.6	39
28	TheGaia-ESO Survey: Galactic evolution of sulphur and zinc. Astronomy and Astrophysics, 2017, 604, A128.	2.1	39
29	TheGaia-ESO Survey: Empirical determination of the precision of stellar radial velocities and projected rotation velocities. Astronomy and Astrophysics, 2015, 580, A75.	2.1	36
30	TheGaia-ESO Survey: the selection function of the Milky Way field stars. Monthly Notices of the Royal Astronomical Society, 2016, 460, 1131-1146.	1.6	34
31	The Gaia-ESO Survey: properties of newly discovered Li-rich giants. Astronomy and Astrophysics, 2018, 617, A4.	2.1	34
32	Long-term radial-velocity variations of the Sun as a star: The HARPS view. Astronomy and Astrophysics, 2016, 587, A103.	2.1	33
33	The Gaia-ESO Survey: Low-Î± element stars in the Galactic bulge. Astronomy and Astrophysics, 2017, 602, L14.	2.1	33
34	TheGaia-ESO Survey: Dynamical analysis of the L1688 region in Ophiuchus. Astronomy and Astrophysics, 2016, 588, A123.	2.1	32
35	The Gaia-ESO Survey: Lithium enrichment histories of the Galactic thick and thin disc. Astronomy and Astrophysics, 2018, 610, A38.	2.1	31
36	TheGaia-ESO Survey: membership and initial mass function of theÎ³Velorum cluster. Astronomy and Astrophysics, 2016, 589, A70.	2.1	30

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37	The Gaia-ESO Survey: Churning through the Milky Way. Astronomy and Astrophysics, 2018, 609, A79.	2.1	29
38	TheGaia-ESO Survey: Stellar radii in the young open clusters NGC 2264, NGC 2547, and NGC 2516. Astronomy and Astrophysics, 2016, 586, A52.	2.1	27
39	TheGaia-ESO Survey: Structural and dynamical properties of the young cluster Chamaeleon I. Astronomy and Astrophysics, 2017, 601, A97.	2.1	27
40	A spectroscopic study of the globular cluster M28 (NGC 6626). Monthly Notices of the Royal Astronomical Society, 2017, 464, 2730-2740.	1.6	27
41	TOPoS. Astronomy and Astrophysics, 2016, 595, L6.	2.1	27
42	TheGaia-ESO Survey: chemical signatures of rocky accretion in a young solar-type star. Astronomy and Astrophysics, 2015, 582, L6.	2.1	26
43	Deep [ITAL]Hubble Space Telescope[/ITAL] WFPC2 Photometry of NGC 288. II. The Main-Sequence Luminosity Function. Astronomical Journal, 2002, 123, 2541-2551.	1.9	25
44	The Gaia-ESO Survey: Calibrating the lithiumâ€“age relation with open clusters and associations. Astronomy and Astrophysics, 2020, 643, A71.	2.1	25
45	A spectroscopic study of the globular Cluster NGC 4147. Monthly Notices of the Royal Astronomical Society, 2016, 460, 2351-2359.	1.6	24
46	TheGaia-ESO Survey: Separating disk chemical substructures with cluster models. Astronomy and Astrophysics, 2016, 586, A39.	2.1	24
47	Chemical abundance analysis of the old, rich open cluster Trumpler 20. Astronomy and Astrophysics, 2014, 562, A39.	2.1	21
48	TheGaia-ESO Survey: the inner disk, intermediate-age open cluster Trumpler 23. Astronomy and Astrophysics, 2017, 598, A68.	2.1	21
49	The Gaia-ESO Survey: The N/O abundance ratio in the Milky Way. Astronomy and Astrophysics, 2018, 618, A102.	2.1	21
50	NGC 6791: A Probable Bulge Cluster without Multiple Populations*. Astrophysical Journal, 2018, 867, 34.	1.6	20
51	Detailed Chemical Composition and Orbit of the Newly Discovered Globular Cluster FSR 1758: Implications for the Accretion of the Sequoia Dwarf Galaxy onto the Milky Way*. Astrophysical Journal, 2019, 882, 174.	1.6	20
52	THE GAIA-ESO SURVEY: METAL-RICH BANANAS IN THE BULGE. Astrophysical Journal Letters, 2016, 824, L29.	3.0	18
53	Gaia-ESO Survey: Global properties of clusters Trumpler 14 and 16 in the Carina nebula. Astronomy and Astrophysics, 2017, 603, A81.	2.1	17
54	Radial variation of the stellar mass functions in the globular clusters M15 and M30: clues of a non-standard IMF?. Monthly Notices of the Royal Astronomical Society, 2020, 499, 2390-2400.	1.6	17

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55	The Gaia-ESO survey: the inner disk intermediate-age open cluster NGC 6802. Astronomy and Astrophysics, 2017, 601, A56.	2.1	16
56	Chemical composition of the stellar cluster Gaia1: no surprise behind Sirius. Astronomy and Astrophysics, 2017, 603, L7.	2.1	15
57	Investigation of a sample of carbon-enhanced metal-poor stars observed with FORS and GMOS. Astronomy and Astrophysics, 2018, 614, A68.	2.1	14
58	Updated properties of the old open cluster Melotte 66: Searching for multiple stellar populations. Astronomy and Astrophysics, 2014, 566, A39.	2.1	13
59	Gaia-ESO Survey: Gas dynamics in the Carina nebula through optical emission lines. Astronomy and Astrophysics, 2016, 591, A74.	2.1	13
60	Chemical abundance analysis of red giant branch stars in the globular cluster E3. Astronomy and Astrophysics, 2018, 616, A181.	2.1	12
61	A Study of the Blue Straggler Population of the Old Open Cluster Collinder 261. Astronomical Journal, 2020, 159, 59.	1.9	12
62	On the mass of the Galactic star cluster NGC 4337. Monthly Notices of the Royal Astronomical Society, 2017, 467, 2517-2528.	1.6	11
63	The Gaia-ESO Survey: matching chemodynamical simulations to observations of the Milky Way. Monthly Notices of the Royal Astronomical Society, 2018, 473, 185-197.	1.6	11
64	Lithium abundance in lower red giant branch stars of Omega Centauri. Astronomy and Astrophysics, 2018, 618, A134.	2.1	11
65	Abundances in a sample of turnoff and subgiant stars in NGC 6121 (Mâ€‰4). Astronomy and Astrophysics, 2016, 594, A79.	2.1	10
66	When nature tries to trick us. Astronomy and Astrophysics, 2018, 619, A84.	2.1	10
67	The Blue Straggler Population of the Open Clusters Trumpler 5, Trumpler 20, and NGC 2477. Astronomical Journal, 2021, 161, 37.	1.9	10
68	Abundance analysis of red clump stars in the old, inner disc, open cluster NGC 4337: a twin of NGC 752?. Astronomy and Astrophysics, 2014, 568, A86.	2.1	9
69	TheGaia-ESO Survey: Inhibited extra mixing in two giants of the open cluster Trumpler 20?. Astronomy and Astrophysics, 2016, 591, A62.	2.1	9
70	Variable broad lines and outflow in the weak blazar PBCâ€‰J2333.9â˜’2343. Monthly Notices of the Royal Astronomical Society, 2018, 478, 4634-4640.	1.6	9
71	Daily variability of Ceresâ€™ albedo detected by means of radial velocities changes of the reflected sunlight. Monthly Notices of the Royal Astronomical Society: Letters, 2016, 458, L54-L58.	1.2	8
72	The Earth transiting the Sun as seen from Jupiter's moons: detection of an inverse Rossiterâ€“McLaughlin effect produced by the opposition surge of the icy Europa. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1684-1691.	1.6	7

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73	TOPoS. Astronomy and Astrophysics, 2018, 620, A187.	2.1	7
74	Sulfur abundances in the Galactic bulge and disk. Astronomy and Astrophysics, 2022, 657, A29.	2.1	7
75	TheGaia-ESO Survey: pre-main-sequence stars in the young open cluster NGCÂ3293. Monthly Notices of the Royal Astronomical Society, 2016, 460, 3305-3315.	1.6	4
76	Young giants of intermediate mass. Astronomy and Astrophysics, 2021, 656, A155.	2.1	4
77	A wide angle view of the Sagittarius dwarf spheroidal galaxy. Astronomy and Astrophysics, 2020, 641, A135.	2.1	3
78	Morphological transformation of NGC 205?. Proceedings of the International Astronomical Union, 2009, 5, 426-427.	0.0	1