Lorenzo Monaco

List of Publications by Citations

77 papers	2,145 citations	27 h-index	42 g-index
78 ext. papers	2,509 ext. citations	5.4 avg, IF	4.24 L-index

#	Paper	IF	Citations
77	An extremely primitive star in the Galactic halo. *Nature*, **2011**, 477, 67-9	50.4	236
76	KINEMATICS AND CHEMISTRY OF RECENTLY DISCOVERED RETICULUM 2 AND HOROLOGIUM 1 DWARF GALAXIES. *Astrophysical Journal*, **2015**, 811, 62	4.7	104
75	ELEMENTAL ABUNDANCES AND THEIR IMPLICATIONS FOR THE CHEMICAL ENRICHMENT OF THE BOÖTES I ULTRAFAINT GALAXY. *Astrophysical Journal*, **2013**, 763, 61	4.7	84
74	Deep [ITAL]Hubble Space Telescope[/ITAL] WFPC2 Photometry of NGC 288. I. Binary Systems and Blue Stragglers. *Astronomical Journal*, **2002**, 123, 1509-1527	4.9	84
73	TheGaia-ESO Survey. *Astronomy and Astrophysics*, **2017**, 601, A112	5.1	64
72	The Gaia-ESO Survey: radial distribution of abundances in the Galactic disc from open clusters and young-field stars. *Astronomy and Astrophysics*, **2017**, 603, A2	5.1	62
71	The Gaia-ESO Survey: revisiting the Li-rich giant problem. *Monthly Notices of the Royal Astronomical Society*, **2016**, 461, 3336-3352	4.3	52
70	TheGaia-ESO Survey: Probes of the inner disk abundance gradient. *Astronomy and Astrophysics*, **2016**, 591, A37	5.1	51
69	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	5.1	49
68	The Gaia-ESO Survey: a quiescent Milky Way with no significant dark/stellar accreted disc?. *Monthly Notices of the Royal Astronomical Society*, **2015**, 450, 2874-2887	4.3	47
67	TheGaia-ESO Survey: Sodium and aluminium abundances in giants and dwarfs. *Astronomy and Astrophysics*, **2016**, 589, A115	5.1	44
66	The Gaia-ESO Survey: open clusters in Gaia-DR1. *Astronomy and Astrophysics*, **2018**, 612, A99	5.1	42
65	TOPoS. *Astronomy and Astrophysics*, **2018**, 612, A65	5.1	42
64	Simultaneous X-ray and optical observations of true type 2 Seyfert galaxies. *Monthly Notices of the Royal Astronomical Society*, **2012**, 426, 3225-3240	4.3	41
63	TheGaia-ESO Survey: Insights into the inner-disc evolution from open clusters. *Astronomy and Astrophysics*, **2015**, 580, A85	5.1	41
62	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	4.3	38
61	TheGaia-ESO Survey: Calibration strategy. *Astronomy and Astrophysics*, **2017**, 598, A5	5.1	37

60	Abundance ratios of red giants in low-mass ultra-faint dwarf spheroidal galaxies. *Astronomy and Astrophysics*, **2016**, 588, A7	5.1	37
59	TheGaia-ESO Survey: A lithium-rotation connection at 5 Myr?. *Astronomy and Astrophysics*, **2016**, 590, A78	5.1	35
58	The Structure of Chariklo□s Rings from Stellar Occultations. *Astronomical Journal*, **2017**, 154, 144	4.9	35
57	Blue Horizontal-Branch Stars in the Sagittarius Dwarf Spheroidal Galaxy. *Astrophysical Journal*, **2003**, 597, L25-L28	4.7	34
56	Chemical abundances in the nucleus of the Sagittarius dwarf spheroidal galaxy. *Astronomy and Astrophysics*, **2017**, 605, A46	5.1	34
55	TheGaia-ESO Survey: Galactic evolution of sulphur and zinc. *Astronomy and Astrophysics*, **2017**, 604, A128	5.1	28
54	TheGaia-ESO Survey: Empirical determination of the precision of stellar radial velocities and projected rotation velocities. *Astronomy and Astrophysics*, **2015**, 580, A75	5.1	28
53	TheGaia-ESO Survey: Dynamical analysis of the L1688 region in Ophiuchus. *Astronomy and Astrophysics*, **2016**, 588, A123	5.1	28
52	Ages and Heavy Element Abundances from Very Metal-poor Stars in the Sagittarius Dwarf Galaxy. *Astrophysical Journal*, **2018**, 855, 83	4.7	27
51	The Gaia-ESO Survey: Low-□lement stars in the Galactic bulge. *Astronomy and Astrophysics*, **2017**, 602, L14	5.1	27
50	Long-term radial-velocity variations of the Sun as a star: The HARPS view. *Astronomy and Astrophysics*, **2016**, 587, A103	5.1	27
49	The Gaia-ESO Survey: evidence of atomic diffusion in M67?. *Monthly Notices of the Royal Astronomical Society*, **2018**, 478, 425-438	4.3	27
48	The Gaia-ESO Survey: impact of extra mixing on C and N abundances of giant stars. *Astronomy and Astrophysics*, **2019**, 621, A24	5.1	26
47	Deep [ITAL]Hubble Space Telescope[/ITAL] WFPC2 Photometry of NGC 288. II. The Main-Sequence Luminosity Function. *Astronomical Journal*, **2002**, 123, 2541-2551	4.9	25
46	The Gaia-ESO Survey: the origin and evolution of s-process elements. *Astronomy and Astrophysics*, **2018**, 617, A106	5.1	25
45	The Gaia-ESO Survey: properties of newly discovered Li-rich giants. *Astronomy and Astrophysics*, **2018**, 617, A4	5.1	25
44	TheGaia-ESO Survey: Structural and dynamical properties of the young cluster Chamaeleon I. *Astronomy and Astrophysics*, **2017**, 601, A97	5.1	24
43	A spectroscopic study of the globular cluster M28 (NGC 6626). *Monthly Notices of the Royal Astronomical Society*, **2017**, 464, 2730-2740	4.3	24

42	The Gaia-ESO Survey: Lithium enrichment histories of the Galactic thick and thin disc. *Astronomy and Astrophysics*, **2018**, 610, A38	5.1	24
41	TheGaia-ESO Survey: double-, triple-, and quadruple-line spectroscopic binary candidates. *Astronomy and Astrophysics*, **2017**, 608, A95	5.1	23
40	TheGaia-ESO Survey: membership and initial mass function of the Velorum cluster. *Astronomy and Astrophysics*, **2016**, 589, A70	5.1	23
39	The Gaia-ESO Survey: the selection function of the Milky Way field stars. *Monthly Notices of the Royal Astronomical Society*, **2016**, 460, 1131-1146	4.3	22
38	TheGaia-ESO Survey: chemical signatures of rocky accretion in a young solar-type star. *Astronomy and Astrophysics*, **2015**, 582, L6	5.1	22
37	TheGaia-ESO Survey: Stellar radii in the young open clusters NGC 2264, NGC 2547, and NGC 2516. *Astronomy and Astrophysics*, **2016**, 586, A52	5.1	22
36	A spectroscopic study of the globular Cluster NGC 4147. *Monthly Notices of the Royal Astronomical Society*, **2016**, 460, 2351-2359	4.3	21
35	The Gaia-ESO Survey: Churning through the Milky Way. *Astronomy and Astrophysics*, **2018**, 609, A79	5.1	21
34	Chemical abundance analysis of the old, rich open cluster Trumpler 20. *Astronomy and Astrophysics*, **2014**, 562, A39	5.1	20
33	TheGaia-ESO Survey: the inner disk, intermediate-age open cluster Trumpler 23. *Astronomy and Astrophysics*, **2017**, 598, A68	5.1	19
32	TheGaia-ESO Survey: Separating disk chemical substructures with cluster models. *Astronomy and Astrophysics*, **2016**, 586, A39	5.1	19
31	TOPoS. *Astronomy and Astrophysics*, **2016**, 595, L6	5.1	19
30	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	4.7	16
29	NGC 6791: A Probable Bulge Cluster without Multiple Populations. *Astrophysical Journal*, **2018**, 867, 34	4.7	16
28	The Gaia-ESO survey: the inner disk intermediate-age open cluster NGC 6802. *Astronomy and Astrophysics*, **2017**, 601, A56	5.1	15
27	THE GAIA -ESO SURVEY: METAL-RICH BANANAS IN THE BULGE. *Astrophysical Journal Letters*, **2016**, 824, L29	7.9	14
26	The Gaia-ESO Survey: The N/O abundance ratio in the Milky Way. *Astronomy and Astrophysics*, **2018**, 618, A102	5.1	14
25	Gaia-ESO Survey: Global properties of clusters Trumpler 14 and 16 in the Carina nebula. *Astronomy and Astrophysics*, **2017**, 603, A81	5.1	13

24	Investigation of a sample of carbon-enhanced metal-poor stars observed with FORS and GMOS. *Astronomy and Astrophysics*, **2018**, 614, A68	5.1	13
23	Chemical composition of the stellar cluster Gaia1: no surprise behind Sirius. *Astronomy and Astrophysics*, **2017**, 603, L7	5.1	12
22	Updated properties of the old open cluster Melotte 66: Searching for multiple stellar populations. *Astronomy and Astrophysics*, **2014**, 566, A39	5.1	12
21	Gaia-ESO Survey: Gas dynamics in the Carina nebula through optical emission lines. *Astronomy and Astrophysics*, **2016**, 591, A74	5.1	12
20	On the mass of the Galactic star cluster NGC 4337. *Monthly Notices of the Royal Astronomical Society*, **2017**, 467, 2517-2528	4.3	11
19	Chemical abundance analysis of red giant branch stars in the globular cluster E3. *Astronomy and Astrophysics*, **2018**, 616, A181	5.1	11
18	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	5.1	9
17	TheGaia-ESO Survey: Inhibited extra mixing in two giants of the open cluster Trumpler 20?. *Astronomy and Astrophysics*, **2016**, 591, A62	5.1	8
16	Daily variability of Ceres albedo detected by means of radial velocities changes of the reflected sunlight. *Monthly Notices of the Royal Astronomical Society: Letters*, **2016**, 458, L54-L58	4.3	8
15	A Study of the Blue Straggler Population of the Old Open Cluster Collinder 261. *Astronomical Journal*, **2020**, 159, 59	4.9	8
14	Lithium abundance in lower red giant branch stars of Omega Centauri. *Astronomy and Astrophysics*, **2018**, 618, A134	5.1	7
13	When nature tries to trick us. *Astronomy and Astrophysics*, **2018**, 619, A84	5.1	7
12	The Earth transiting the Sun as seen from Jupiter's moons: detection of an inverse Rossiter McLaughlin effect produced by the opposition surge of the icy Europa. *Monthly Notices of the Royal Astronomical Society*, **2015**, 453, 1684-1691	4.3	6
11	The Gaia-ESO Survey: Calibrating the lithium age relation with open clusters and associations. *Astronomy and Astrophysics*, **2020**, 643, A71	5.1	6
10	The Blue Straggler Population of the Open Clusters Trumpler 5, Trumpler 20, and NGC 2477. *Astronomical Journal*, **2021**, 161, 37	4.9	6
9	TOPoS. *Astronomy and Astrophysics*, **2018**, 620, A187	5.1	6
8	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	4.3	5
7	Variable broad lines and outflow in the weak blazar PBC J2333.9 2343. *Monthly Notices of the Royal Astronomical Society*, **2018**, 478, 4634-4640	4.3	5

6	The Gaia-ESO Survey: matching chemodynamical simulations to observations of the Milky Way. *Monthly Notices of the Royal Astronomical Society*, **2018**, 473, 185-197	4.3	4
5	Abundances in a sample of turnoff and subgiant stars in NGC 6121 (M 4). *Astronomy and Astrophysics*, **2016**, 594, A79	5.1	3
4	Sulphur abundances in the Galactic Bulge and disk. *Astronomy and Astrophysics*,	5.1	3
3	TheGaia-ESO Survey: pre-main-sequence stars in the young open cluster NGC 3293. *Monthly Notices of the Royal Astronomical Society*, **2016**, 460, 3305-3315	4.3	2
2	A wide angle view of the Sagittarius dwarf spheroidal galaxy. *Astronomy and Astrophysics*, **2020**, 641, A135	5.1	2
1	Morphological transformation of NGC 205?. *Proceedings of the International Astronomical Union*, **2009**, 5, 426-427	0.1	1