

Alessandro C Lanzafame

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

90
papers

7,133
citations

32
h-index

84
g-index

95
ext. papers

8,438
ext. citations

4.4
avg, IF

4.15
L-index

#	Paper	IF	Citations
90	TheGaia mission. <i>Astronomy and Astrophysics</i> , 2016 , 595, A1	5.1	2933
89	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2016 , 595, A2	5.1	1364
88	TheGaia-ESO Survey: The analysis of high-resolution UVES spectra of FGK-type stars. <i>Astronomy and Astrophysics</i> , 2014 , 570, A122	5.1	142
87	TheGaia-ESO Survey: the Galactic thick to thin disc transition. <i>Astronomy and Astrophysics</i> , 2014 , 567, A5	5.1	137
86	TheGaia-ESO Survey: radial metallicity gradients and age-metallicity relation of stars in the Milky Way disk. <i>Astronomy and Astrophysics</i> , 2014 , 565, A89	5.1	131
85	KINEMATICS AND CHEMISTRY OF RECENTLY DISCOVERED RETICULUM 2 AND HOROLOGIUM 1 DWARF GALAXIES. <i>Astrophysical Journal</i> , 2015 , 811, 62	4.7	104
84	TheGaia astrophysical parameters inference system (Apsis). <i>Astronomy and Astrophysics</i> , 2013 , 559, A74	5.1	96
83	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 618, A30	5.1	95
82	TheGaia-ESO Survey: Kinematic structure in the Gamma Velorum cluster. <i>Astronomy and Astrophysics</i> , 2014 , 563, A94	5.1	92
81	TheGaia-ESO Survey: the chemical structure of the Galactic discs from the first internal data release. <i>Astronomy and Astrophysics</i> , 2014 , 572, A33	5.1	89
80	RACE-OC project: Rotation and variability of young stellar associations within 100 pc. <i>Astronomy and Astrophysics</i> , 2010 , 520, A15	5.1	86
79	TheGaia-ESO Survey: metallicity and kinematic trends in the Milky Way bulge. <i>Astronomy and Astrophysics</i> , 2014 , 569, A103	5.1	83
78	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 601, A19	5.1	71
77	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2017 , 605, A79	5.1	64
76	The VLT/NaCo large program to probe the occurrence of exoplanets and brown dwarfs in wide orbits. <i>Astronomy and Astrophysics</i> , 2015 , 573, A126	5.1	63
75	The Gaia-ESO Survey: radial distribution of abundances in the Galactic disc from open clusters and young-field stars. <i>Astronomy and Astrophysics</i> , 2017 , 603, A2	5.1	62
74	TheGaia-ESO Survey: Stellar content and elemental abundances in the massive cluster NGC 6705. <i>Astronomy and Astrophysics</i> , 2014 , 569, A17	5.1	57

73	A Transient Heating Model for Coronal Structure and Dynamics. <i>Astrophysical Journal</i> , 2003 , 582, 486-494.	4.7	56
72	The Gaia-ESO Survey: processing FLAMES-UVES spectra. <i>Astronomy and Astrophysics</i> , 2014 , 565, A113	5.1	53
71	The Gaia-ESO Survey: revisiting the Li-rich giant problem. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 461, 3336-3352	4.3	52
70	The Gaia-ESO Survey: the present-day radial metallicity distribution of the Galactic disc probed by pre-main-sequence clusters. <i>Astronomy and Astrophysics</i> , 2017 , 601, A70	5.1	49
69	The Gaia-ESO Survey: Chromospheric emission, accretion properties, and rotation in γ Velorum and Chamaeleon I. <i>Astronomy and Astrophysics</i> , 2015 , 575, A4	5.1	49
68	RACE-OC project: rotation and variability in the γ Chamaeleontis, Octans, and Argus stellar associations. <i>Astronomy and Astrophysics</i> , 2011 , 532, A10	5.1	45
67	The Gaia-ESO Survey: Sodium and aluminium abundances in giants and dwarfs. <i>Astronomy and Astrophysics</i> , 2016 , 589, A115	5.1	44
66	The Gaia-ESO survey: Discovery of a spatially extended low-mass population in the Vela OB2 association. <i>Astronomy and Astrophysics</i> , 2015 , 574, L7	5.1	43
65	The Gaia-ESO Survey: lithium depletion in the Gamma Velorum cluster and inflated radii in low-mass pre-main-sequence stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 464, 1456-1463	4.3	38
64	The Gaia-ESO Survey: Calibration strategy. <i>Astronomy and Astrophysics</i> , 2017 , 598, A5	5.1	37
63	Spots, plages, and flares on δ Andromedae and Π Pegasi. <i>Astronomy and Astrophysics</i> , 2008 , 479, 557-565	5.1	37
62	The Gaia-ESO Survey: A lithium-rotation connection at 5 Myr?. <i>Astronomy and Astrophysics</i> , 2016 , 590, A78	5.1	35
61	The debris disk host star HD 61005: a member of the Argus association?. <i>Astronomy and Astrophysics</i> , 2011 , 529, A54	5.1	35
60	The rotation-lithium depletion correlation in the β Pictoris association and the LDB age determination. <i>Astronomy and Astrophysics</i> , 2016 , 596, A29	5.1	35
59	Rotational evolution of slow-rotator sequence stars. <i>Astronomy and Astrophysics</i> , 2015 , 584, A30	5.1	33
58	BD + 22 γ 4409: a rapidly rotating, low-mass member of the local Association. <i>Monthly Notices of the Royal Astronomical Society</i> , 1994 , 270, 153-172	4.3	32
57	The Gaia-ESO Survey and CSI 2264: Substructures, disks, and sequential star formation in the young open cluster NGC 2264. <i>Astronomy and Astrophysics</i> , 2018 , 609, A10	5.1	32
56	A semi-analytic approach to angular momentum transport in stellar radiative interiors. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 404, 641-660	4.3	30

55	TheGaia-ESO Survey: the first abundance determination of the pre-main-sequence cluster gamma Velorum. <i>Astronomy and Astrophysics</i> , 2014 , 567, A55	5.1	29
54	Gaia-ESO Survey: Analysis of pre-main sequence stellar spectra. <i>Astronomy and Astrophysics</i> , 2015 , 576, A80	5.1	29
53	TheGaia-ESO Survey: Empirical determination of the precision of stellar radial velocities and projected rotation velocities. <i>Astronomy and Astrophysics</i> , 2015 , 580, A75	5.1	28
52	TheGaia-ESO Survey: Dynamical analysis of the L1688 region in Ophiuchus. <i>Astronomy and Astrophysics</i> , 2016 , 588, A123	5.1	28
51	TheGaia-ESO Survey: Extracting diffuse interstellar bands from cool star spectra. <i>Astronomy and Astrophysics</i> , 2015 , 573, A35	5.1	27
50	The Gaia-ESO Survey: evidence of atomic diffusion in M67?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 478, 425-438	4.3	27
49	TheGaia-ESO Survey: Structural and dynamical properties of the young cluster Chamaeleon I. <i>Astronomy and Astrophysics</i> , 2017 , 601, A97	5.1	24
48	The Gaia-ESO Survey: Lithium enrichment histories of the Galactic thick and thin disc. <i>Astronomy and Astrophysics</i> , 2018 , 610, A38	5.1	24
47	TheGaia-ESO Survey: Metallicity of the Chamaeleon I star-forming region. <i>Astronomy and Astrophysics</i> , 2014 , 568, A2	5.1	24
46	ADAS analysis of the differential emission measure structure of the inner solar corona. <i>Astronomy and Astrophysics</i> , 2002 , 384, 242-272	5.1	24
45	TheGaia-ESO Survey: double-, triple-, and quadruple-line spectroscopic binary candidates. <i>Astronomy and Astrophysics</i> , 2017 , 608, A95	5.1	23
44	TheGaia-ESO Survey: membership and initial mass function of the γ Velorum cluster. <i>Astronomy and Astrophysics</i> , 2016 , 589, A70	5.1	23
43	The Gaia-ESO Survey: the selection function of the Milky Way field stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 460, 1131-1146	4.3	22
42	SIGNATURES OF IMPULSIVE LOCALIZED HEATING IN THE TEMPERATURE DISTRIBUTION OF MULTI-STRANDED CORONAL LOOPS. <i>Astrophysical Journal</i> , 2010 , 709, 499-506	4.7	22
41	TheGaia-ESO Survey: chemical signatures of rocky accretion in a young solar-type star. <i>Astronomy and Astrophysics</i> , 2015 , 582, L6	5.1	22
40	TheGaia-ESO Survey: Stellar radii in the young open clusters NGC 2264, NGC 2547, and NGC 2516. <i>Astronomy and Astrophysics</i> , 2016 , 586, A52	5.1	22
39	Modelling the rotational evolution of solar-like stars: the rotational coupling time-scale. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , no-no	4.3	21
38	Gaia-ESO Survey: Empirical classification of VLT/Giraffe stellar spectra in the wavelength range 6440-810 nm in the γ Velorum cluster, and calibration of spectral indices. <i>Astronomy and Astrophysics</i> , 2014 , 566, A50	5.1	21

37	The Gaia-ESO Survey: Churning through the Milky Way. <i>Astronomy and Astrophysics</i> , 2018 , 609, A79	5.1	21
36	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018 , 616, A16	5.1	21
35	The ρ Pictoris association low-mass members: Membership assessment, rotation period distribution, and dependence on multiplicity. <i>Astronomy and Astrophysics</i> , 2017 , 607, A3	5.1	16
34	The Gaia-ESO survey: the inner disk intermediate-age open cluster NGC 6802. <i>Astronomy and Astrophysics</i> , 2017 , 601, A56	5.1	15
33	Determination of rotation periods in solar-like stars with irregular sampling: the Gaia case. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 421, 2774-2785	4.3	14
32	The Gaia-ESO Survey: Tracing interstellar extinction. <i>Astronomy and Astrophysics</i> , 2015 , 577, A77	5.1	14
31	Gaia-ESO Survey: Global properties of clusters Trumpler 14 and 16 in the Carina nebula. <i>Astronomy and Astrophysics</i> , 2017 , 603, A81	5.1	13
30	ADAS analysis of the differential emission measure structure of the inner solar corona. <i>Astronomy and Astrophysics</i> , 2005 , 432, 1063-1079	5.1	13
29	Activity cycles in members of young loose stellar associations. <i>Astronomy and Astrophysics</i> , 2017 , 606, A58	5.1	12
28	The Gaia-ESO Survey: N-body modelling of the Gamma Velorum cluster. <i>Astronomy and Astrophysics</i> , 2015 , 578, A35	5.1	12
27	Gaia-ESO Survey: Gas dynamics in the Carina nebula through optical emission lines. <i>Astronomy and Astrophysics</i> , 2016 , 591, A74	5.1	12
26	Lower limit for differential rotation in members of young loose stellar associations. <i>Astronomy and Astrophysics</i> , 2016 , 591, A43	5.1	12
25	The Gaia-ESO Survey: Catalogue of H α emission stars. <i>Astronomy and Astrophysics</i> , 2015 , 581, A52	5.1	11
24	ON EXTREME-ULTRAVIOLET HELIUM LINE INTENSITY ENHANCEMENT FACTORS ON THE SUN. <i>Astrophysical Journal</i> , 2015 , 803, 66	4.7	10
23	Extreme-Ultraviolet Transition-Region Line Emission during the Dynamic Formation of Prominence Condensations. <i>Astrophysical Journal</i> , 2001 , 547, 1116-1129	4.7	10
22	The Gaia-ESO Survey: dynamics of ionized and neutral gas in the Lagoon nebula (M 8). <i>Astronomy and Astrophysics</i> , 2017 , 604, A135	5.1	9
21	Understanding the atmospheric structure of T Tauri stars - II. UV spectroscopy of RY Tau, BP Tau, RU Lupi, GW Ori and CV Cha. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001 , 327, 177-190	4.3	9
20	The Gaia-ESO Survey: Inhibited extra mixing in two giants of the open cluster Trumpler 20?. <i>Astronomy and Astrophysics</i> , 2016 , 591, A62	5.1	8

19	Evidence of radius inflation in stars approaching the slow-rotator sequence. <i>Astronomy and Astrophysics</i> , 2017 , 597, A63	5.1	8
18	Doppler imaging of the young late-type star LO Pegasi (BD+22°4409) in 2003 September. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 387, 237-246	4.3	8
17	The in-flight monitoring and validation of the SOHO CDS Normal Incidence Spectrometer radiometric calibration. <i>Astronomy and Astrophysics</i> , 2007 , 463, 339-351	5.1	6
16	The photosphere and chromosphere of the RS Canum Venaticorum star, II Pegasi. <i>Astronomy and Astrophysics</i> , 1998 , 127, 505-519		6
15	The Gaia-ESO Survey: matching chemodynamical simulations to observations of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 473, 185-197	4.3	4
14	Stellar libraries for Gaia. <i>Journal of Physics: Conference Series</i> , 2011 , 328, 012006	0.3	4
13	The Variability Processing and Analysis of the Gaia mission. <i>EAS Publications Series</i> , 2014 , 67-68, 75-78	0.2	3
12	Pulsating star research and the Gaia revolution. <i>EPJ Web of Conferences</i> , 2017 , 152, 02002	0.3	2
11	The Gaia-ESO Survey: pre-main-sequence stars in the young open cluster NGC 293. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 460, 3305-3315	4.3	2
10	Evidence of New Magnetic Transitions in Late-type Dwarfs from Gaia DR2. <i>Astrophysical Journal</i> , 2019 , 877, 157	4.7	2
9	EUV Spectral Variability and Non-Equilibrium Ionisation in the Quiet Sun. <i>Astrophysics and Space Science</i> , 1998 , 261, 91-94	1.6	2
8	Key problems in cool-star astrophysics. <i>Astrophysics and Space Science</i> , 2006 , 303, 17-31	1.6	2
7	Understanding the atmospheric structure of T Tauri stars II. Improved atomic physics applied to IUE data of BP Tauri. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999 , 307, 895-908	4.3	2
6	Properties of multistranded, impulsively heated hydrodynamic loop models. <i>Astronomy and Astrophysics</i> , 2013 , 552, A17	5.1	2
5	ARCO: a program for Automatic Reduction of CCD Observations. <i>EAS Publications Series</i> , 2007 , 25, 165-169		2
4	A semi-analytic approach to angular momentum transport in stellar radiative interiors. <i>Astrophysics and Space Science</i> , 2010 , 328, 279-283	1.6	1
3	Results of the NaCo Large Program: probing the occurrence of exoplanets and brown dwarfs at wide orbit. <i>Proceedings of the International Astronomical Union</i> , 2013 , 8, 17-20	0.1	
2	Key Problems in Cool-Star Astrophysics 2006 , 17-31		

- 1 Chromospheric Activity and Lithium Abundance in NGC2516. *Thirty Years of Astronomical Discovery With UKIRT*, **2012**, 211-212 0.3