

# Alessandro C Lanzafame

## List of Publications by Year in Descending Order

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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	Evidence of New Magnetic Transitions in Late-type Dwarfs from Gaia DR2. <i>Astrophysical Journal</i> , <b>2019</b> , 877, 157	4.7	2
89	The Gaia-ESO Survey: matching chemodynamical simulations to observations of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 473, 185-197	4.3	4
88	The Gaia-ESO Survey: Lithium enrichment histories of the Galactic thick and thin disc. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 610, A38	5.1	24
87	The Gaia-ESO Survey: Churning through the Milky Way. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 609, A79	5.1	21
86	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> , <b>2018</b> , 609, A10	5.1	32
85	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 618, A30	5.1	95
84	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A16	5.1	21
83	The Gaia-ESO Survey: evidence of atomic diffusion in M67?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 478, 425-438	4.3	27
82	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> , <b>2017</b> , 601, A70	5.1	49
81	The Gaia-ESO Survey: Calibration strategy. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 598, A5	5.1	37
80	The Gaia-ESO Survey: Structural and dynamical properties of the young cluster Chamaeleon I. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 601, A97	5.1	24
79	Activity cycles in members of young loose stellar associations. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 606, A58	5.1	12
78	The Pictoris association low-mass members: Membership assessment, rotation period distribution, and dependence on multiplicity. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 607, A3	5.1	16
77	Pulsating star research and the Gaia revolution. <i>EPJ Web of Conferences</i> , <b>2017</b> , 152, 02002	0.3	2
76	The Gaia-ESO survey: the inner disk intermediate-age open cluster NGC 6802. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 601, A56	5.1	15
75	The Gaia-ESO Survey: dynamics of ionized and neutral gas in the Lagoon nebula (M 8). <i>Astronomy and Astrophysics</i> , <b>2017</b> , 604, A135	5.1	9
74	Gaia-ESO Survey: Global properties of clusters Trumpler 14 and 16 in the Carina nebula. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 603, A81	5.1	13

73	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> , <b>2017</b> , 464, 1456-1465	4.3	38
72	Evidence of radius inflation in stars approaching the slow-rotator sequence. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 597, A63	5.1	8
71	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 605, A79	5.1	64
70	The Gaia-ESO Survey: radial distribution of abundances in the Galactic disc from open clusters and young-field stars. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 603, A2	5.1	62
69	The Gaia-ESO Survey: double-, triple-, and quadruple-line spectroscopic binary candidates. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 608, A95	5.1	23
68	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 601, A19	5.1	71
67	The Gaia-ESO Survey: A lithium-rotation connection at 5 Myr?. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 590, A78	5.1	35
66	The Gaia-ESO Survey: Inhibited extra mixing in two giants of the open cluster Trumpler 20?. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 591, A62	5.1	8
65	The Gaia-ESO Survey: revisiting the Li-rich giant problem. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 461, 3336-3352	4.3	52
64	The Gaia-ESO Survey: the selection function of the Milky Way field stars. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 460, 1131-1146	4.3	22
63	The Gaia-ESO Survey: pre-main-sequence stars in the young open cluster NGC 293. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 460, 3305-3315	4.3	2
62	The Gaia-ESO Survey: Dynamical analysis of the L1688 region in Ophiuchus. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 588, A123	5.1	28
61	Gaia-ESO Survey: Gas dynamics in the Carina nebula through optical emission lines. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 591, A74	5.1	12
60	Lower limit for differential rotation in members of young loose stellar associations. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 591, A43	5.1	12
59	The Gaia-ESO Survey: Stellar radii in the young open clusters NGC 2264, NGC 2547, and NGC 2516. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 586, A52	5.1	22
58	The rotation-lithium depletion correlation in the $\beta$ Pictoris association and the LDB age determination. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 596, A29	5.1	35
57	The Gaia-ESO Survey: Sodium and aluminium abundances in giants and dwarfs. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 589, A115	5.1	44
56	The Gaia mission. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 595, A1	5.1	2933

55	GaiaData Release 1. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 595, A2	5.1	1364
54	TheGaia-ESO Survey: membership and initial mass function of the $\beta$ Velorum cluster. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 589, A70	5.1	23
53	ON EXTREME-ULTRAVIOLET HELIUM LINE INTENSITY ENHANCEMENT FACTORS ON THE SUN. <i>Astrophysical Journal</i> , <b>2015</b> , 803, 66	4.7	10
52	KINEMATICS AND CHEMISTRY OF RECENTLY DISCOVERED RETICULUM 2 AND HOROLOGIUM 1 DWARF GALAXIES. <i>Astrophysical Journal</i> , <b>2015</b> , 811, 62	4.7	104
51	Gaia-ESO Survey: Analysis of pre-main sequence stellar spectra. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 576, A80	5.1	29
50	TheGaia-ESO Survey: Chromospheric emission, accretion properties, and rotation in $\beta$ Velorum and Chamaeleon I. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 575, A4	5.1	49
49	TheGaia-ESO Survey: Extracting diffuse interstellar bands from cool star spectra. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 573, A35	5.1	27
48	The VLT/NaCo large program to probe the occurrence of exoplanets and brown dwarfs in wide orbits. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 573, A126	5.1	63
47	TheGaia-ESO survey: Discovery of a spatially extended low-mass population in the Vela OB2 association. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 574, L7	5.1	43
46	TheGaia-ESO Survey: Tracing interstellar extinction. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 577, A77	5.1	14
45	TheGaia-ESO Survey:N-body modelling of the Gamma Velorum cluster. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 578, A35	5.1	12
44	TheGaia-ESO Survey: Catalogue of H $\alpha$ emission stars. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 581, A52	5.1	11
43	TheGaia-ESO Survey: Empirical determination of the precision of stellar radial velocities and projected rotation velocities. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 580, A75	5.1	28
42	Rotational evolution of slow-rotator sequence stars. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 584, A30	5.1	33
41	TheGaia-ESO Survey: chemical signatures of rocky accretion in a young solar-type star. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 582, L6	5.1	22
40	TheGaia-ESO Survey: the Galactic thick to thin disc transition. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 567, A5	5.1	137
39	TheGaia-ESO Survey: the chemical structure of the Galactic discs from the first internal data release. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 572, A33	5.1	89
38	TheGaia-ESO Survey: Stellar content and elemental abundances in the massive cluster NGC 6705. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 569, A17	5.1	57

37	TheGaia-ESO Survey: metallicity and kinematic trends in the Milky Way bulge. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 569, A103	5.1	83
36	TheGaia-ESO Survey: the first abundance determination of the pre-main-sequence cluster gamma Velorum. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 567, A55	5.1	29
35	TheGaia-ESO Survey: The analysis of high-resolution UVES spectra of FGK-type stars. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 570, A122	5.1	142
34	TheGaia-ESO Survey: radial metallicity gradients and age-metallicity relation of stars in the Milky Way disk. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 565, A89	5.1	131
33	TheGaia-ESO Survey: processing FLAMES-UVES spectra. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 565, A113	5.1	53
32	TheGaia-ESO Survey: Metallicity of the Chamaeleon I star-forming region. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 568, A2	5.1	24
31	TheGaia-ESO Survey: Kinematic structure in the Gamma Velorum cluster. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 563, A94	5.1	92
30	Gaia-ESO Survey: Empirical classification of VLT/Giraffe stellar spectra in the wavelength range 6440-810 nm in the Gamma Velorum cluster, and calibration of spectral indices. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 566, A50	5.1	21
29	The Variability Processing and Analysis of the Gaia mission. <i>EAS Publications Series</i> , <b>2014</b> , 67-68, 75-78	0.2	3
28	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> , <b>2013</b> , 8, 17-20	0.1	
27	TheGaiaastrophysical parameters inference system (Apsis). <i>Astronomy and Astrophysics</i> , <b>2013</b> , 559, A74	5.1	96
26	Properties of multistranded, impulsively heated hydrodynamic loop models. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 552, A17	5.1	2
25	Determination of rotation periods in solar-like stars with irregular sampling: the Gaia case. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 421, 2774-2785	4.3	14
24	Chromospheric Activity and Lithium Abundance in NGC2516. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , <b>2012</b> , 211-212	0.3	
23	The debris disk host star HD 61005: a member of the Argus association?. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 529, A54	5.1	35
22	RACE-OC project: rotation and variability in the Chamaeleontis, Octans, and Argus stellar associations. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 532, A10	5.1	45
21	Stellar libraries for Gaia. <i>Journal of Physics: Conference Series</i> , <b>2011</b> , 328, 012006	0.3	4
20	Modelling the rotational evolution of solar-like stars: the rotational coupling time-scale. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2011</b> , no-no	4.3	21

19	A semi-analytic approach to angular momentum transport in stellar radiative interiors. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2010</b> , 404, 641-660	4.3	30
18	RACE-OC project: Rotation and variability of young stellar associations within 100 pc. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 520, A15	5.1	86
17	SIGNATURES OF IMPULSIVE LOCALIZED HEATING IN THE TEMPERATURE DISTRIBUTION OF MULTI-STRANDED CORONAL LOOPS. <i>Astrophysical Journal</i> , <b>2010</b> , 709, 499-506	4.7	22
16	A semi-analytic approach to angular momentum transport in stellar radiative interiors. <i>Astrophysics and Space Science</i> , <b>2010</b> , 328, 279-283	1.6	1
15	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> , <b>2008</b> , 387, 237-246	4.3	8
14	Spots, plages, and flares on $\alpha$ Andromedae and II Pegasi. <i>Astronomy and Astrophysics</i> , <b>2008</b> , 479, 557-565	5.1	37
13	The in-flight monitoring and validation of the SOHO CDS Normal Incidence Spectrometer radiometric calibration. <i>Astronomy and Astrophysics</i> , <b>2007</b> , 463, 339-351	5.1	6
12	ARCO: a program for Automatic Reduction of CCD Observations. <i>EAS Publications Series</i> , <b>2007</b> , 25, 165-169		2
11	Key problems in cool-star astrophysics. <i>Astrophysics and Space Science</i> , <b>2006</b> , 303, 17-31	1.6	2
10	Key Problems in Cool-Star Astrophysics <b>2006</b> , 17-31		
9	ADAS analysis of the differential emission measure structure of the inner solar corona. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 432, 1063-1079	5.1	13
8	A Transient Heating Model for Coronal Structure and Dynamics. <i>Astrophysical Journal</i> , <b>2003</b> , 582, 486-494	4.7	56
7	ADAS analysis of the differential emission measure structure of the inner solar corona. <i>Astronomy and Astrophysics</i> , <b>2002</b> , 384, 242-272	5.1	24
6	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> , <b>2001</b> , 327, 177-190	4.3	9
5	Extreme-Ultraviolet Transition-Region Line Emission during the Dynamic Formation of Prominence Condensations. <i>Astrophysical Journal</i> , <b>2001</b> , 547, 1116-1129	4.7	10
4	Understanding the atmospheric structure of T Tauri stars I. Improved atomic physics applied to IUE data of BP Tauri. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>1999</b> , 307, 895-908	4.3	2
3	EUV Spectral Variability and Non-Equilibrium Ionisation in the Quiet Sun. <i>Astrophysics and Space Science</i> , <b>1998</b> , 261, 91-94	1.6	2
2	The photosphere and chromosphere of the RS Canum Venaticorum star, II Pegasi. <i>Astronomy and Astrophysics</i> , <b>1998</b> , 127, 505-519		6

- 1 BD + 224409: a rapidly rotating, low-mass member of the local Association. *Monthly Notices of the Royal Astronomical Society*, **1994**, 270, 153-172 43 32