

Elena Franciosini

List of Publications by Year in descending order

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55
papers

2,204
citations

159585

30
h-index

233421

45
g-index

55
all docs

55
docs citations

55
times ranked

1750
citing authors

#	ARTICLE	IF	CITATIONS
1	The <i>Gaia</i> -ESO Survey: The analysis of high-resolution UVES spectra of FGK-type stars. <i>Astronomy and Astrophysics</i> , 2014, 570, A122.	5.1	165
2	The <i>Gaia</i> -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	158
3	The <i>Gaia</i> -ESO Survey: Kinematic structure in the Gamma Velorum cluster. <i>Astronomy and Astrophysics</i> , 2014, 563, A94.	5.1	103
4	The <i>Gaia</i> -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	84
5	The <i>Gaia</i> -ESO Survey: processing FLAMES-UVES spectra. <i>Astronomy and Astrophysics</i> , 2014, 565, A113.	5.1	69
6	The <i>Gaia</i> -ESO Survey: Chromospheric emission, accretion properties, and rotation in β Velorum and Chamaeleon I. <i>Astronomy and Astrophysics</i> , 2015, 575, A4.	5.1	69
7	The <i>Gaia</i> -ESO Survey: revisiting the Li-rich giant problem. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 3336-3352.	4.4	69
8	The <i>Gaia</i> -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	63
9	The <i>Gaia</i> -ESO Survey: Probes of the inner disk abundance gradient. <i>Astronomy and Astrophysics</i> , 2016, 591, A37.	5.1	57
10	The <i>Gaia</i> -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, 1456-1465.	4.4	54
11	The <i>Gaia</i> -ESO survey: the non-universality of the age-“chemical-clocks” metallicity relations in the Galactic disc. <i>Astronomy and Astrophysics</i> , 2020, 639, A127.	5.1	54
12	The <i>Gaia</i> -ESO Survey: open clusters in <i>Gaia</i> -DR1. <i>Astronomy and Astrophysics</i> , 2018, 612, A99.	5.1	53
13	The <i>Gaia</i> -ESO Survey: Calibration strategy. <i>Astronomy and Astrophysics</i> , 2017, 598, A5.	5.1	51
14	The <i>Gaia</i> -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	48
15	The <i>Gaia</i> -ESO Survey: A lithium-rotation connection at 5 Myr?. <i>Astronomy and Astrophysics</i> , 2016, 590, A78.	5.1	46
16	The <i>Gaia</i> -ESO Survey: double-, triple-, and quadruple-line spectroscopic binary candidates. <i>Astronomy and Astrophysics</i> , 2017, 608, A95.	5.1	45
17	The <i>Gaia</i> -ESO Survey: Reevaluation of the parameters of the open cluster Trumpler 20 using photometry and spectroscopy. <i>Astronomy and Astrophysics</i> , 2014, 561, A94.	5.1	44
18	The <i>Gaia</i> -ESO Survey: Insights into the inner-disc evolution from open clusters. <i>Astronomy and Astrophysics</i> , 2015, 580, A85.	5.1	44

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19	The <i>Gaia</i> -ESO Survey: Abundance ratios in the inner-disk open clusters Trumpler 20, NGC 4815, NGC 6705. <i>Astronomy and Astrophysics</i> , 2014, 563, A44.	5.1	43
20	The <i>Gaia</i> -ESO Survey: the origin and evolution of <i>s</i> -process elements. <i>Astronomy and Astrophysics</i> , 2018, 617, A106.	5.1	41
21	<i>Gaia</i> -ESO Survey: Properties of the intermediate age open cluster NGC 4815. <i>Astronomy and Astrophysics</i> , 2014, 563, A117.	5.1	39
22	The <i>Gaia</i> -ESO survey: Calibrating a relationship between age and the [C/N] abundance ratio with open clusters. <i>Astronomy and Astrophysics</i> , 2019, 629, A62.	5.1	39
23	A 3D view of the Taurus star-forming region by <i>Gaia</i> and <i>Herschel</i> . <i>Astronomy and Astrophysics</i> , 2020, 638, A85.	5.1	38
24	The <i>Gaia</i> -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	36
25	<i>Gaia</i> -ESO Survey: Analysis of pre-main sequence stellar spectra. <i>Astronomy and Astrophysics</i> , 2015, 576, A80.	5.1	35
26	The <i>Gaia</i> -ESO Survey: properties of newly discovered Li-rich giants. <i>Astronomy and Astrophysics</i> , 2018, 617, A4.	5.1	34
27	The <i>Gaia</i> DR2 view of the Gamma Velorum cluster: resolving the 6D structure. <i>Astronomy and Astrophysics</i> , 2018, 616, L12.	5.1	32
28	The <i>Gaia</i> -ESO Survey: Dynamical analysis of the L1688 region in Ophiuchus. <i>Astronomy and Astrophysics</i> , 2016, 588, A123.	5.1	32
29	The <i>Gaia</i> -ESO Survey: a kinematical and dynamical study of four young open clusters. <i>Astronomy and Astrophysics</i> , 2018, 615, A37.	5.1	31
30	The double population of Chamaeleon I detected by <i>Gaia</i> DR2. <i>Astronomy and Astrophysics</i> , 2018, 617, L4.	5.1	31
31	The <i>Gaia</i> -ESO Survey: the first abundance determination of the pre-main-sequence cluster gamma Velorum. <i>Astronomy and Astrophysics</i> , 2014, 567, A55.	5.1	30
32	The <i>Gaia</i> -ESO Survey: membership and initial mass function of the γ^3 Velorum cluster. <i>Astronomy and Astrophysics</i> , 2016, 589, A70.	5.1	30
33	The <i>Gaia</i> -ESO Survey: Metallicity of the Chamaeleon I star-forming region. <i>Astronomy and Astrophysics</i> , 2014, 568, A2.	5.1	27
34	The <i>Gaia</i> -ESO Survey: Structural and dynamical properties of the young cluster Chamaeleon I. <i>Astronomy and Astrophysics</i> , 2017, 601, A97.	5.1	27
35	The <i>Gaia</i> -ESO Survey: Age spread in the star forming region NGC 6530 from the HR diagram and gravity indicators. <i>Astronomy and Astrophysics</i> , 2019, 623, A159.	5.1	27
36	The <i>Gaia</i> -ESO survey: Mixing processes in low-mass stars traced by lithium abundance in cluster and field stars. <i>Astronomy and Astrophysics</i> , 0, , .	5.1	27

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37	The <i>Gaia</i> -ESO Survey: chemical signatures of rocky accretion in a young solar-type star. <i>Astronomy and Astrophysics</i> , 2015, 582, L6.	5.1	26
38	The <i>Gaia</i> -ESO Survey: Galactic evolution of lithium from iDR6. <i>Astronomy and Astrophysics</i> , 2021, 653, A72.	5.1	25
39	The <i>Gaia</i> -ESO Survey: Calibrating the lithium-age relation with open clusters and associations. <i>Astronomy and Astrophysics</i> , 2020, 643, A71.	5.1	25
40	The <i>Gaia</i> -ESO Survey: membership probabilities for stars in 32 open clusters from 3D kinematics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4701-4716.	4.4	24
41	Chemical evidence for planetary ingestion in a quarter of Sun-like stars. <i>Nature Astronomy</i> , 2021, 5, 1163-1169.	10.1	23
42	The <i>Gaia</i> -ESO Survey: Membership probabilities for stars in 63 open and 7 globular clusters from 3D kinematics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 1664-1680.	4.4	23
43	The <i>Gaia</i> -ESO Survey: The N/O abundance ratio in the Milky Way. <i>Astronomy and Astrophysics</i> , 2018, 618, A102.	5.1	21
44	The <i>Gaia</i> -ESO survey: Age-chemical-clock relations spatially resolved in the Galactic disc. <i>Astronomy and Astrophysics</i> , 2022, 660, A135.	5.1	20
45	The <i>Gaia</i> -ESO Survey: Target selection of open cluster stars. <i>Astronomy and Astrophysics</i> , 2022, 659, A200.	5.1	19
46	The <i>Gaia</i> -ESO survey: a lithium depletion boundary age for NGC 2232. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 1280-1292.	4.4	17
47	The <i>Gaia</i> -ESO survey: the inner disk intermediate-age open cluster NGC 6802. <i>Astronomy and Astrophysics</i> , 2017, 601, A56.	5.1	16
48	<i>Gaia</i> -ESO survey: Lithium abundances in open cluster Red Clump stars. <i>Astronomy and Astrophysics</i> , 2021, 655, A23.	5.1	16
49	The <i>Gaia</i> -ESO Survey: The inner disc, intermediate-age open cluster Pismis 18. <i>Astronomy and Astrophysics</i> , 2019, 626, A90.	5.1	13
50	The <i>Gaia</i> -ESO Survey: an extremely Li-rich giant in globular cluster NGC 1261. <i>Astronomy and Astrophysics</i> , 2020, 639, L2.	5.1	12
51	<i>Gaia</i> -ESO Survey: Role of magnetic activity and starspots on pre-main-sequence lithium evolution. <i>Astronomy and Astrophysics</i> , 2022, 659, A85.	5.1	12
52	The <i>Gaia</i> -ESO Survey: A new diagnostic for accretion and outflow activity in the young cluster NGC 2264. <i>Astronomy and Astrophysics</i> , 2020, 642, A56.	5.1	11
53	The <i>Gaia</i> -ESO Survey: The analysis of the hot-star spectra. <i>Astronomy and Astrophysics</i> , 2022, 661, A120.	5.1	10
54	The <i>Gaia</i> -ESO Survey: Inhibited extra mixing in two giants of the open cluster Trumpler 20?. <i>Astronomy and Astrophysics</i> , 2016, 591, A62.	5.1	9

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55	Gaia-ESO Survey: Detailed elemental abundances in red giants of the peculiar globular cluster NGC1851. <i>Astronomy and Astrophysics</i> , 0, , .	5.1	7