

# Giovanni Carraro

## List of Publications by Year in descending order

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328  
papers

11,073  
citations

34016

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48187

88  
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331  
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331  
docs citations

331  
times ranked

5874  
citing authors

#	ARTICLE	IF	CITATIONS
1	VISTA Variables in the Via Lactea (VVV): The public ESO near-IR variability survey of the Milky Way. <i>New Astronomy</i> , 2010, 15, 433-443.	0.8	698
2	Centauri: The Population Puzzle Goes Deeper. <i>Astrophysical Journal</i> , 2004, 605, L125-L128.	1.6	460
3	Metallicities on the Double Main Sequence of $\beta$ Centauri Imply Large Helium Enhancement. <i>Astrophysical Journal</i> , 2005, 621, 777-784.	1.6	382
4	VVV DR1: The first data release of the Milky Way bulge and southern plane from the near-infrared ESO public survey VISTA variables in the VVV Lactea. <i>Astronomy and Astrophysics</i> , 2012, 537, A107.	2.1	312
5	Outer structure of the Galactic warp and flare: explaining the Canis Major over-density. <i>Astronomy and Astrophysics</i> , 2006, 451, 515-538.	2.1	239
6	The VLT-FLAMES Tarantula Survey. <i>Astronomy and Astrophysics</i> , 2011, 530, A108.	2.1	217
7	EXTRAGALACTIC CHEMICAL ABUNDANCES: DO H II REGIONS AND YOUNG STARS TELL THE SAME STORY? THE CASE OF THE SPIRAL GALAXY NGC 300. <i>Astrophysical Journal</i> , 2009, 700, 309-330.	1.6	207
8	The Gaia-ESO Survey: The analysis of high-resolution UVES spectra of FGK-type stars. <i>Astronomy and Astrophysics</i> , 2014, 570, A122.	2.1	165
9	On the Galactic disc age-metallicity relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 296, 1045-1056.	1.6	159
10	Formation and evolution of elliptical galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 335, 335-357.	1.6	144
11	Spectroscopy of QUEST RR Lyrae Variables: The New Virgo Stellar Stream. <i>Astrophysical Journal</i> , 2006, 636, L97-L100.	1.6	127
12	KINEMATICS AND CHEMISTRY OF RECENTLY DISCOVERED RETICULUM 2 AND HOROLOGIUM 1 DWARF GALAXIES. <i>Astrophysical Journal</i> , 2015, 811, 62.	1.6	123
13	RUPRECHT 106: THE FIRST SINGLE POPULATION GLOBULAR CLUSTER?. <i>Astrophysical Journal</i> , 2013, 778, 186.	1.6	113
14	Updated parameters of 1743 open clusters based on Gaia DR2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 356-371.	1.6	110
15	NGC 6791: An Exotic Open Cluster or the Nucleus of a Tidally Disrupted Galaxy?. <i>Astrophysical Journal</i> , 2006, 643, 1151-1159.	1.6	109
16	Star formation and chemical evolution in smoothed particle hydrodynamics simulations: a statistical approach. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 330, 821-836.	1.6	107
17	Optical atmospheric extinction over Cerro Paranal. <i>Astronomy and Astrophysics</i> , 2011, 527, A91.	2.1	103
18	The Gaia-ESO Survey: the chemical structure of the Galactic discs from the first internal data release. <i>Astronomy and Astrophysics</i> , 2014, 572, A33.	2.1	103

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19	Overlapping abundance gradients and azimuthal gradients related to the spiral structure of the Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 698-708.	1.6	98
20	Old open clusters in the outer Galactic disk. <i>Astronomy and Astrophysics</i> , 2007, 476, 217-227.	2.1	94
21	The <i>Gaia</i> -ESO Survey: Exploring the complex nature and origins of the Galactic bulge populations. <i>Astronomy and Astrophysics</i> , 2017, 601, A140.	2.1	93
22	Tombaugh 2: the first open cluster with a significant abundance spread or embedded in a cold stellar stream? <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 391, 39-51.	1.6	91
23	The <i>Gaia</i> -ESO Survey. <i>Astronomy and Astrophysics</i> , 2017, 601, A112.	2.1	90
24	New brown dwarfs in Upper Sco using UKIDSS Galactic Cluster Survey science verification data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 374, 372-384.	1.6	86
25	Spiral structure of the third galactic quadrant and the solution to the Canis Major debate. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2006, 368, L77-L81.	1.2	85
26	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.	2.1	84
27	A Locus for Migraine without Aura Maps on Chromosome 14q21.2-q22.3. <i>American Journal of Human Genetics</i> , 2003, 72, 161-167.	2.6	81
28	KINEMATICAL AND CHEMICAL VERTICAL STRUCTURE OF THE GALACTIC THICK DISK. II. A LACK OF DARK MATTER IN THE SOLAR NEIGHBORHOOD. <i>Astrophysical Journal</i> , 2012, 751, 30.	1.6	81
29	Probing the Canis Major stellar over-density as due to the Galactic warp. <i>Astronomy and Astrophysics</i> , 2004, 421, L29-L32.	2.1	79
30	Spiral Structure in the Outer Galactic Disk. I. The Third Galactic Quadrant. <i>Astrophysical Journal</i> , 2008, 672, 930-939.	1.6	76
31	A method of spin assignment of neutron resonances based on capture gamma-ray detection. <i>Nuclear Physics A</i> , 1968, 117, 586-614.	0.6	75
32	Whiting 1: the youngest globular cluster associated with the Sagittarius dwarf spheroidal galaxy. <i>Astronomy and Astrophysics</i> , 2007, 466, 181-189.	2.1	74
33	Metal Abundances in Extremely Distant Galactic Old Open Clusters. I. Berkeley 29 and Saurer 1. <i>Astronomical Journal</i> , 2004, 128, 1676-1683.	1.9	71
34	Eight new T4.5-T7.5 dwarfs discovered in the UKIDSS Large Area Survey Data Release 1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 379, 1423-1430.	1.6	71
35	A tale of three cities. <i>Astronomy and Astrophysics</i> , 2017, 604, A22.	2.1	70
36	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.	1.6	69

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37	New insights on Ba overabundance in open clusters.~... Evidence for the intermediate neutron-capture process at play?. Monthly Notices of the Royal Astronomical Society, 2015, 446, 3651-3668.	1.6	66
38	THE UNIQUE Na:O ABUNDANCE DISTRIBUTION IN NGC 6791: THE FIRST OPEN(?) CLUSTER WITH MULTIPLE POPULATIONS. Astrophysical Journal Letters, 2012, 756, L40.	3.0	64
39	The<i>Gaia</i>-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
40	Testing the chemical tagging technique with open clusters. Astronomy and Astrophysics, 2015, 577, A47.	2.1	62
41	Discovery of VVÂCL001. Astronomy and Astrophysics, 2011, 527, A81.	2.1	60
42	The<i>Gaia</i>-ESO Survey: characterisation of the [ <i>&amp;plusmn&lt;/i&gt;]/Fe] sequences in the Milky Way discs. Astronomy and Astrophysics, 2015, 582, A122.</i>	2.1	60
43	Galaxy formation and evolution - I. The Padua TREE-SPH code (PD-SPH). Monthly Notices of the Royal Astronomical Society, 1998, 297, 1021-1040.	1.6	58
44	Three Galactic globular cluster candidates. Astronomy and Astrophysics, 2011, 535, A33.	2.1	57
45	The<i>Gaia</i>-ESO Survey: Probes of the inner disk abundance gradient. Astronomy and Astrophysics, 2016, 591, A37.	2.1	57
46	Open clusters towards the Galactic centre: chemistry and dynamics. Astronomy and Astrophysics, 2010, 523, A11.	2.1	56
47	The<i>Gaia</i>-ESO Survey: Sodium and aluminium abundances in giants and dwarfs. Astronomy and Astrophysics, 2016, 589, A115.	2.1	55
48	The intermediate-age open cluster NGC 2158. Monthly Notices of the Royal Astronomical Society, 2002, 332, 705-713.	1.6	54
49	The comet 17P/Holmes 2007 outburst: the early motion of the outburst material. Astronomy and Astrophysics, 2008, 479, L45-L49.	2.1	53
50	Lithium-rich giants in the Galactic thick disk. Astronomy and Astrophysics, 2011, 529, A90.	2.1	53
51	The<i>Gaia</i>-ESO Survey: open clusters in<i>Gaia</i>-DR1. Astronomy and Astrophysics, 2018, 612, A99.	2.1	53
52	A MAD view of Trumpler 14. Astronomy and Astrophysics, 2010, 515, A26.	2.1	53
53	Star clusterings in the Carina complex: UBVRi photometry of Bochum 9, 10 and 11. Monthly Notices of the Royal Astronomical Society, 2001, 325, 1591-1602.	1.6	52
54	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.	1.6	52

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55	The Structure of Chariklo's Rings from Stellar Occultations. <i>Astronomical Journal</i> , 2017, 154, 144.	1.9	52
56	Detection of a Young Stellar Population in the Background of Open Clusters in the Third Galactic Quadrant. <i>Astrophysical Journal</i> , 2005, 630, L153-L156.	1.6	51
57	The <i>Gaia</i> -ESO Survey: Calibration strategy. <i>Astronomy and Astrophysics</i> , 2017, 598, A5.	2.1	51
58	Is the Galactic disc older than the halo?. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 309, 430-442.	1.6	50
59	Photometric study of the young open cluster NGC 3293. <i>Astronomy and Astrophysics</i> , 2003, 402, 549-564.	2.1	50
60	Testing Newtonian gravity with distant globular clusters: NGC 1851 and NGC 1904. <i>Astronomy and Astrophysics</i> , 2011, 525, A148.	2.1	50
61	QUANTITATIVE SPECTROSCOPY OF BLUE SUPERGIANTS IN METAL-POOR DWARF GALAXY NGC 3109. <i>Astrophysical Journal</i> , 2014, 785, 151.	1.6	49
62	The <i>Gaia</i> -ESO Survey: Kinematics of seven Galactic globular clusters. <i>Astronomy and Astrophysics</i> , 2015, 573, A115.	2.1	48
63	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.	2.1	48
64	The <i>Gaia</i> -ESO Survey: a new approach to chemically characterising young open clusters. <i>Astronomy and Astrophysics</i> , 2020, 634, A34.	2.1	48
65	The <i>Gaia</i> -ESO Survey: A lithium-rotation connection at 5 Myr?. <i>Astronomy and Astrophysics</i> , 2016, 590, A78.	2.1	46
66	The <i>Gaia</i> -ESO Survey: impact of extra mixing on C and N abundances of giant stars. <i>Astronomy and Astrophysics</i> , 2019, 621, A24.	2.1	45
67	The <i>Gaia</i> -ESO Survey: double-, triple-, and quadruple-line spectroscopic binary candidates. <i>Astronomy and Astrophysics</i> , 2017, 608, A95.	2.1	45
68	The <i>Gaia</i> -ESO Survey: Insights into the inner-disc evolution from open clusters. <i>Astronomy and Astrophysics</i> , 2015, 580, A85.	2.1	44
69	The absolute motion of the peculiar cluster NGC 6791. <i>Astronomy and Astrophysics</i> , 2006, 460, L27-L30.	2.1	43
70	The <i>Gaia</i> -ESO Survey: CNO abundances in the open clusters Trumpler 20, NGC 4815, and NGC 6705. <i>Astronomy and Astrophysics</i> , 2015, 573, A55.	2.1	43
71	The <i>Gaia</i> -ESO Survey: the origin and evolution of <i>s</i> -process elements. <i>Astronomy and Astrophysics</i> , 2018, 617, A106.	2.1	41
72	KINEMATICAL AND CHEMICAL VERTICAL STRUCTURE OF THE GALACTIC THICK DISK. I. THICK DISK KINEMATICS. <i>Astrophysical Journal</i> , 2012, 747, 101.	1.6	40

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73	The origin and orbit of the old, metal-rich, open cluster NGC 6791. <i>Astronomy and Astrophysics</i> , 2012, 541, A64.	2.1	40
74	The <i>Gaia</i> -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.	2.1	40
75	The <i>Gaia</i> -ESO Survey: evidence of atomic diffusion in M67?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 425-438.	1.6	40
76	Search and analysis of blue straggler stars in open clusters. <i>Astronomy and Astrophysics</i> , 2006, 459, 489-497.	2.1	40
77	A spectroscopic study of the open cluster NGC 6475 (M 7). <i>Astronomy and Astrophysics</i> , 2009, 504, 845-852.	2.1	39
78	<i>Gaia</i> -ESO Survey: Properties of the intermediate age open cluster NGC 4815. <i>Astronomy and Astrophysics</i> , 2014, 563, A117.	2.1	39
79	The <i>Gaia</i> -ESO Survey: Galactic evolution of sulphur and zinc. <i>Astronomy and Astrophysics</i> , 2017, 604, A128.	2.1	39
80	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.	2.1	39
81	Fundamental parameters for 45 open clusters with <i>Gaia</i> DR2, an improved extinction correction and a metallicity gradient prior. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 1874-1889.	1.6	39
82	A super lithium-rich red-clump star in the open cluster Trumpler 5. <i>Astronomy and Astrophysics</i> , 2014, 564, L6.	2.1	39
83	NO EVIDENCE FOR A DARK MATTER DISK WITHIN 4 kpc FROM THE GALACTIC PLANE. <i>Astrophysical Journal Letters</i> , 2010, 724, L122-L126.	3.0	38
84	The end of the white dwarf cooling sequence in M 67. <i>Astronomy and Astrophysics</i> , 2010, 513, A50.	2.1	38
85	Evidence of tidal distortions and mass-loss from the old open cluster NGC 6791. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 1811-1818.	1.6	38
86	Dwarf elliptical galaxies: structure, star formation and colour-magnitude diagrams. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 327, 69-79.	1.6	37
87	Solving high-voltage off-line HB-LED constant current contro-circuit issues. <i>IEEE Applied Power Electronics Conference and Exposition</i> , 2007, , .	0.0	37
88	The Elusive Old Population of the Dwarf Spheroidal Galaxy Leo I. <i>Astrophysical Journal</i> , 2000, 530, L85-L88.	1.6	36
89	Enhanced Chemical Reactivity of Pristine Graphene Interacting Strongly with a Substrate: Chemisorbed Carbon Monoxide on Graphene/Nickel(111). <i>ChemCatChem</i> , 2015, 7, 2328-2331.	1.8	36
90	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.	2.1	36

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91	Using globular clusters to test gravity in the weak acceleration regime: NGC 7099. <i>Astronomy and Astrophysics</i> , 2007, 462, L9-L12.	2.1	35
92	Gaia-ESO Survey: Analysis of pre-main sequence stellar spectra. <i>Astronomy and Astrophysics</i> , 2015, 576, A80.	2.1	35
93	A sextet of clusters in the Vela OB2 region revealed by <i>Gaia</i> . <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 481, L11-L15.	1.2	35
94	THE GLOBULAR CLUSTER AM 4: YET ANOTHER YOUNG GLOBULAR ASSOCIATED WITH THE Sgr DWARF SPHEROIDAL GALAXY?. <i>Astronomical Journal</i> , 2009, 137, 3809-3814.	1.9	34
95	THE EDGE OF THE YOUNG GALACTIC DISK. <i>Astrophysical Journal</i> , 2010, 718, 683-694.	1.6	34
96	The <i>Gaia</i> -ESO Survey: properties of newly discovered Li-rich giants. <i>Astronomy and Astrophysics</i> , 2018, 617, A4.	2.1	34
97	Absolute motions of globular clusters. <i>Astronomy and Astrophysics</i> , 2006, 456, 517-522.	2.1	34
98	Albumin Loss in On-Line Hemodiafiltration. <i>International Journal of Artificial Organs</i> , 2002, 25, 203-209.	0.7	33
99	A multicolour CCD photometric study of the open clusters NGC 2866, Pismis 19, Westerlund 2, ESO96-SC04, NGC 5617 and NGC 6204. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 347, 625-631.	1.6	33
100	Whiting 1: A New Halo Young Globular Cluster. <i>Astrophysical Journal</i> , 2005, 621, L61-L64.	1.6	33
101	An investigation of chromospheric activity spanning the Vaughan-Preston gap: impact on stellar ages. <i>Astronomy and Astrophysics</i> , 2009, 499, L9-L12.	2.1	33
102	A comparative study on the reliability of open cluster parameters. <i>Astronomy and Astrophysics</i> , 2015, 582, A19.	2.1	33
103	The <i>Gaia</i> -ESO Survey: Low- $\alpha$ element stars in the Galactic bulge. <i>Astronomy and Astrophysics</i> , 2017, 602, L14.	2.1	33
104	THE PROPER MOTION OF THE MAGELLANIC CLOUDS. I. FIRST RESULTS AND DESCRIPTION OF THE PROGRAM. <i>Astronomical Journal</i> , 2009, 137, 4339-4360.	1.9	32
105	The star cluster Collinder 232 in the Carina complex and its relation to Trumpler 14/16. <i>Astronomy and Astrophysics</i> , 2004, 418, 525-537.	2.1	32
106	The <i>Gaia</i> -ESO Survey: a kinematical and dynamical study of four young open clusters. <i>Astronomy and Astrophysics</i> , 2018, 615, A37.	2.1	31
107	The <i>Gaia</i> -ESO Survey: Lithium enrichment histories of the Galactic thick and thin disc. <i>Astronomy and Astrophysics</i> , 2018, 610, A38.	2.1	31
108	A new, <i>Gaia</i> -based, catalogue of blue straggler stars in open clusters. <i>Astronomy and Astrophysics</i> , 2021, 650, A67.	2.1	31

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109	The <i>Gaia</i> -ESO Survey: membership and initial mass function of the $\hat{\tau}^3$ Velorum cluster. <i>Astronomy and Astrophysics</i> , 2016, 589, A70.	2.1	30
110	Two T dwarfs from the UKIDSS early data release. <i>Astronomy and Astrophysics</i> , 2007, 466, 1059-1064.	2.1	30
111	Structural parameters and blue stragglers in Sagittarius dwarf spheroidal galaxy globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 960-970.	1.6	29
112	The Space Motion of the Globular Cluster NGC 6397. <i>Astrophysical Journal</i> , 2007, 657, L93-L96.	1.6	28
113	STELLAR LIFETIME AND ULTRAVIOLET PROPERTIES OF THE OLD METAL-RICH GALACTIC OPEN CLUSTER NGC 6791: A PATHWAY TO UNDERSTAND THE ULTRAVIOLET UPTURN OF ELLIPTICAL GALAXIES. <i>Astrophysical Journal</i> , 2012, 749, 35.	1.6	28
114	Barium and yttrium abundance in intermediate-age and old open clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 1436-1443.	1.6	28
115	Metal Abundances in Extremely Distant Galactic Old Open Clusters. II. Berkeley 22 and Berkeley 66. <i>Astronomical Journal</i> , 2005, 130, 652-658.	1.9	27
116	The <i>Gaia</i> -ESO Survey: Stellar radii in the young open clusters NGC 2264, NGC 2547, and NGC 2516. <i>Astronomy and Astrophysics</i> , 2016, 586, A52.	2.1	27
117	The Magellanic Bridge Cluster NGC 796: Deep Optical AO Imaging Reveals the Stellar Content and Initial Mass Function of a Massive Open Cluster. <i>Astrophysical Journal</i> , 2018, 857, 132.	1.6	27
118	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.	2.1	27
119	The <i>Gaia</i> -ESO survey: 3D NLTE abundances in the open cluster NGC 2420 suggest atomic diffusion and turbulent mixing are at the origin of chemical abundance variations. <i>Astronomy and Astrophysics</i> , 2020, 643, A164.	2.1	27
120	A study of the Galactic plane towards $l = 305^\circ$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 221-232.	1.6	26
121	EVIDENCE FOR EXTENDED STAR FORMATION IN THE OLD, METAL-RICH OPEN CLUSTER, NGC 6791?. <i>Astrophysical Journal Letters</i> , 2011, 727, L7.	3.0	26
122	AGE DETERMINATION OF 15 OLD TO INTERMEDIATE-AGE SMALL MAGELLANIC CLOUD STAR CLUSTERS. <i>Astronomical Journal</i> , 2014, 147, 71.	1.9	26
123	Perceived responsibility for change as an outcome predictor in cognitive-behavioural group therapy. <i>British Journal of Clinical Psychology</i> , 2008, 47, 281-293.	1.7	25
124	The distance to the young open cluster Westerlund 2. <i>Astronomy and Astrophysics</i> , 2013, 555, A50.	2.1	25
125	Ruprecht 147: A Paradigm of Dissolving Star Cluster. <i>Astronomical Journal</i> , 2019, 157, 115.	1.9	25
126	The <i>Gaia</i> -ESO Survey: Galactic evolution of lithium from iDR6. <i>Astronomy and Astrophysics</i> , 2021, 653, A72.	2.1	25



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127	Open clusters in the Third Galactic Quadrant III. Alleged binary clusters. <i>Astronomy and Astrophysics</i> , 2010, 511, A38.	2.1	25
128	The <i>Gaia</i>-ESO Survey: Calibrating the lithiumâ€‘age relation with open clusters and associations. <i>Astronomy and Astrophysics</i> , 2020, 643, A71.	2.1	25
129	The Gaiaâ€‘ESO Survey: Carbon Abundance in the Galactic Thin and Thick Disks<sup>*</sup>. <i>Astrophysical Journal</i> , 2020, 888, 55.	1.6	24
130	Sky Quality Meter and satellite correlation for night cloud-cover analysis at astronomical sites. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 2463-2471.	1.6	24
131	Old open clusters in the Sagittarius dwarf spheroidal galaxy tidal stream - kith or kin?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2009, 397, L106-L109.	1.2	23
132	Morphological evolution of dwarf galaxies in the Local Group. <i>Astronomy and Astrophysics</i> , 2003, 405, 931-949.	2.1	23
133	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.	1.6	23
134	Photometry of neglected open clusters in the first and fourth Galactic quadrants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 364, 179-186.	1.6	22
135	A photometric study of the old open clusters Berkeleyâˆ73, Berkeleyâˆ75 and Berkeleyâˆ25. <i>Astronomy and Astrophysics</i> , 2005, 442, 917-924.	2.1	22
136	Photometry of seven overlooked open clusters in the first and fourth Galactic quadrants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 368, 1078-1086.	1.6	22
137	PHOTOMETRIC CHARACTERIZATION OF THE GALACTIC STAR CLUSTER TRUMPLER 20. <i>Astronomical Journal</i> , 2010, 140, 954-961.	1.9	22
138	The <i>Gaia</i>-ESO Survey: a new approach to chemically characterising young open clusters. <i>Astronomy and Astrophysics</i> , 2021, 653, A67.	2.1	22
139	Searching for spiral features in the outer Galactic disk. <i>Astronomy and Astrophysics</i> , 2009, 493, 71-78.	2.1	22
140	The stellar content of the open clusters Tombaugh 1 and Ruprecht 46. <i>Monthly Notices of the Royal Astronomical Society</i> , 1995, 276, 563-570.	1.6	21
141	NGC 6404 and 6583: two neglected intermediate-age open clusters located in the Galactic Centre direction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 356, 647-653.	1.6	21
142	Thymosin-alpha 1 (Zadaxinâ„¢) enhances the immunogenicity of an adjuvated pandemic H1N1v influenza vaccine (Focetriaâ„¢) in hemodialyzed patients: A pilot study. <i>Vaccine</i> , 2012, 30, 1170-1180.	1.7	21
143	Chemical abundance analysis of the old, rich open cluster Trumpler 20. <i>Astronomy and Astrophysics</i> , 2014, 562, A39.	2.1	21
144	UNCOVERING MULTIPLE POPULATIONS WITH WASHINGTON PHOTOMETRY. I. THE GLOBULAR CLUSTER NGC 1851. <i>Astronomical Journal</i> , 2014, 148, 27.	1.9	21

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145	The <i>Gaia</i> -ESO Survey: the inner disk, intermediate-age open cluster Trumpler 23. <i>Astronomy and Astrophysics</i> , 2017, 598, A68.	2.1	21
146	Galaxy formation and evolution – II. Energy balance, star formation and feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 312, 371-379.	1.6	20
147	Abundances and physical parameters for stars in the open clusters NGC 5822 and IC 4756. <i>Astronomy and Astrophysics</i> , 2010, 515, A28.	2.1	20
148	NGC 6791: A Probable Bulge Cluster without Multiple Populations*. <i>Astrophysical Journal</i> , 2018, 867, 34.	1.6	20
149	The <i>Gaia</i> -ESO Survey: Galactic evolution of lithium at high metallicity. <i>Astronomy and Astrophysics</i> , 2020, 640, L1.	2.1	20
150	Star clusterings in the Carina complex: $\vec{UBVRI}$ photometry of NGC 3324 and Loden 165. <i>Astronomy and Astrophysics</i> , 2001, 371, 107-114.	2.1	20
151	Multicolor Photometry of the Uranus Irregular Satellites Sycorax and Caliban. <i>Astronomical Journal</i> , 2001, 121, 2800-2803.	1.9	19
152	Time series photometry of the dwarf planet ERIS (2003 UB313). <i>Astronomy and Astrophysics</i> , 2006, 460, L39-L42.	2.1	19
153	The <i>Gaia</i> -ESO Survey: Detailed abundances in the metal-poor globular cluster NGC 4372. <i>Astronomy and Astrophysics</i> , 2015, 579, A6.	2.1	19
154	Ca ii TRIPLET SPECTROSCOPY OF SMALL MAGELLANIC CLOUD RED GIANTS. IV. ABUNDANCES FOR A LARGE SAMPLE OF FIELD STARS AND COMPARISON WITH THE CLUSTER SAMPLE. <i>Astronomical Journal</i> , 2016, 152, 58.	1.9	19
155	Extended star formation history of the star cluster NGC 2154 in the Large Magellanic Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 375, 1077-1086.	1.6	18
156	The old open cluster NGC 2112: updated estimates of fundamental parameters based on a membership analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 1625-1634.	1.6	18
157	THE THICKENING OF THE THIN DISK IN THE THIRD GALACTIC QUADRANT. <i>Astronomical Journal</i> , 2015, 149, 12.	1.9	18
158	Chemisorption of CO on N-doped graphene on Ni(111). <i>Applied Surface Science</i> , 2018, 428, 775-780.	3.1	18
159	NGC 2580 and NGC 2588. <i>Astronomy and Astrophysics</i> , 2004, 417, 961-972.	2.1	18
160	THE GAIA-ESO SURVEY: METAL-RICH BANANAS IN THE BULGE. <i>Astrophysical Journal Letters</i> , 2016, 824, L29.	3.0	18
161	The old open clusters Saurer A, B and C revisited. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 346, 18-26.	1.6	17
162	Observational templates of star cluster disruption. <i>Astronomy and Astrophysics</i> , 2007, 466, 931-941.	2.1	17

#	ARTICLE	IF	CITATIONS
163	<i>Gaia</i> -ESO Survey: Global properties of clusters Trumpler 14 and 16 in the Carina nebula. <i>Astronomy and Astrophysics</i> , 2017, 603, A81.	2.1	17
164	Luminosity and mass function of galactic open clusters I. NGC 4815. <i>Astronomy and Astrophysics</i> , 2001, 369, 851-861.	2.1	17
165	Star clusters in the Carina complex: $UBVRI$ photometry of NGC 3114, Collinder 228 and vdB-Hagen 99. <i>Astronomy and Astrophysics</i> , 2001, 379, 136-146.	2.1	17
166	Photometry of the five marginally studied open clusters Collinder 74, Berkeley 27, Haffner 8, NGC 2509, and VdB-Hagen 4. <i>Astronomy and Astrophysics</i> , 2007, 464, 573-580.	2.1	17
167	A parallel TreeSPH code for galaxy formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 314, 145-161.	1.6	16
168	A photometric investigation of the young open cluster Trumpler 15. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 331, 785-794.	1.6	16
169	The young open cluster Markarian 50. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 355, 475-484.	1.6	16
170	A brown dwarf companion to the intermediate-mass star HR 6037. <i>Astronomy and Astrophysics</i> , 2010, 521, L54.	2.1	16
171	The Ara OB1a association. <i>Astronomy and Astrophysics</i> , 2011, 531, A73.	2.1	16
172	A $UBVI$ AND $uvbyCaH\beta$ ANALYSIS OF THE INTERMEDIATE-AGE OPEN CLUSTER, NGC 5822. <i>Astronomical Journal</i> , 2011, 142, 127.	1.9	16
173	Photometry of Centaurs and trans-Neptunian objects: 2060 Chiron (1977 UB), 10199 Chariklo (1997 Tj ETQq1 1 0.784314 rgBT /Over Space Science, 2016, 361, 1.	0.5	16
174	The <i>Gaia</i> -ESO survey: the inner disk intermediate-age open cluster NGC 6802. <i>Astronomy and Astrophysics</i> , 2017, 601, A56.	2.1	16
175	Satellite measurements of artificial light at night: aerosol effects. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5075-5089.	1.6	16
176	Milky Way Subsystems from Globular Cluster Kinematics Using Gaia DR2 and HST Data. <i>Astrophysical Journal</i> , 2020, 895, 69.	1.6	16
177	The metallicity of the open cluster Tombaugh 2. <i>Astronomy and Astrophysics</i> , 2010, 509, A102.	2.1	16
178	An optical and near IR study of the old open cluster NGC 2141. <i>Astronomy and Astrophysics</i> , 2001, 372, 879-884.	2.1	16
179	Blue straggler stars in Galactic open clusters and the effect of field star contamination. <i>Astronomy and Astrophysics</i> , 2008, 482, 777-781.	2.1	16
180	Photometry of a Galactic Field at $l = 232^\circ$ , $b = -6^\circ$ : The Old Open Cluster Auner 1, the Norma-Cygnus Spiral Arm, and the Signature of the Warped Galactic Thick Disk. <i>Astronomical Journal</i> , 2007, 133, 1058-1066.	1.9	15

#	ARTICLE	IF	CITATIONS
181	Stellar populations in the Canis Major overdensity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 385, 1597-1604.	1.6	15
182	Homogeneous photometry and star counts in the field of 9 Galactic star clusters. <i>New Astronomy</i> , 2010, 15, 61-75.	0.8	15
183	Anchors for the cosmic distance scale: the Cepheids U Sagittarii, CF Cassiopeiae, and CEab Cassiopeiae. <i>Astronomy and Astrophysics</i> , 2013, 560, A22.	2.1	15
184	Binary open clusters in the Milky Way: photometric and spectroscopic analysis of NGC 5617 and Trumpler 22. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 106-112.	1.6	15
185	CO chemisorption at vacancies of supported graphene films: a candidate for a sensor?. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 18692-18696.	1.3	15
186	BVR <sub>I</sub> JHK photometry and proper motion analysis of NGC 6253 and the surrounding field. <i>Astronomy and Astrophysics</i> , 2009, 505, 1129-1142.	2.1	15
187	Chemical abundances in the old LMC globular cluster Hodge 11. <i>Astronomy and Astrophysics</i> , 2012, 548, A82.	2.1	15
188	Non-destructive multi-element photon activation analysis of river sediments. <i>Journal of Radioanalytical Chemistry</i> , 1980, 60, 443-451.	0.5	14
189	The intermediate-age open clusters Ruprecht 4, Ruprecht 7 and Pismis 15. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 360, 655-661.	1.6	14
190	Light curves and colours of the faint Uranian irregular satellites Sycorax, Prospero, Stephano, Setebos, and Trinculo. <i>Astronomy and Astrophysics</i> , 2007, 472, 311-319.	2.1	14
191	On the local dark matter density. <i>Astronomy and Astrophysics</i> , 2015, 573, A91.	2.1	14
192	Influence of growing conditions on the reactivity of Ni supported graphene towards CO. <i>Journal of Chemical Physics</i> , 2017, 146, 104704.	1.2	14
193	Luminosity and mass functions of galactic open clusters. <i>Astronomy and Astrophysics</i> , 2005, 436, 527-534.	2.1	14
194	Photometry of dissolving star cluster candidates. <i>Astronomy and Astrophysics</i> , 2002, 385, 471-478.	2.1	13
195	Fundamental parameters of six neglected old open clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 371, 1301-1310.	1.6	13
196	Updated properties of the old open cluster Melotte 66: Searching for multiple stellar populations. <i>Astronomy and Astrophysics</i> , 2014, 566, A39.	2.1	13
197	Properties of the Young Milky Way globular cluster Whiting 1 from near-infrared photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 730-736.	1.6	13
198	The <i>Gaia</i> -ESO Survey: The inner disc, intermediate-age open cluster Pismis 18. <i>Astronomy and Astrophysics</i> , 2019, 626, A90.	2.1	13

#	ARTICLE	IF	CITATIONS
199	Not an open cluster after all: the NGC 6863 asterism in Aquila. <i>Astronomy and Astrophysics</i> , 2010, 510, A44.	2.1	13
200	<i>Gaia</i> -ESO Survey: Gas dynamics in the Carina nebula through optical emission lines. <i>Astronomy and Astrophysics</i> , 2016, 591, A74.	2.1	13
201	Total neutron cross-section measurements of <sup>236</sup> U in the energy range 40 eV to 4.1 keV. <i>Nuclear Physics A</i> , 1976, 257, 333-347.	0.6	12
202	UBV (RI)C photometry and spectroscopy of the young open cluster Haffner 19. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996, 283, 905-911.	1.6	12
203	Strengthening the open cluster distance scale via VV photometry. <i>Astronomy and Astrophysics</i> , 2012, 537, L4.	2.1	12
204	THE CENTRAL BLUE STRAGGLER POPULATION IN FOUR OUTER-HALO GLOBULAR CLUSTERS. <i>Astrophysical Journal</i> , 2012, 754, 108.	1.6	12
205	Anchors for the cosmic distance scale: the Cepheid QZ Normae in the open cluster NGC 6067. <i>Astrophysics and Space Science</i> , 2013, 347, 61-70.	0.5	12
206	Surface composition and dynamical evolution of two retrograde objects in the outer solar system: 2008 YB <sub>3</sub> and 2005 VD. <i>Astronomy and Astrophysics</i> , 2013, 550, A13.	2.1	12
207	The spiral potential of the Milky Way. <i>Astronomy and Astrophysics</i> , 2018, 619, A50.	2.1	12
208	Chemical abundance analysis of red giant branch stars in the globular cluster E3. <i>Astronomy and Astrophysics</i> , 2018, 616, A181.	2.1	12
209	The <i>Gaia</i> -ESO Survey: an extremely Li-rich giant in globular cluster NGC 1261. <i>Astronomy and Astrophysics</i> , 2020, 639, L2.	2.1	12
210	A Study of the Blue Straggler Population of the Old Open Cluster Collinder 261. <i>Astronomical Journal</i> , 2020, 159, 59.	1.9	12
211	The <i>Gaia</i> -ESO Survey: Oxygen Abundance in the Galactic Thin and Thick Disks*. <i>Astronomical Journal</i> , 2021, 161, 9.	1.9	12
212	<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.	2.1	12
213	The use of photon activation analysis for the determination of Sm, Eu, Gd and Dy in boron carbide. <i>Journal of Radioanalytical Chemistry</i> , 1979, 50, 185-194.	0.5	11
214	UBV(RI)C photometry and spectroscopy of the young open cluster Haffner 18. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 297, 867-871.	1.6	11
215	The mass function of IC 4665 revisited by the UKIDSS Galactic Clusters Survey. <i>Astronomy and Astrophysics</i> , 2011, 532, A103.	2.1	11
216	Investigating potential planetary nebula/cluster pairs. <i>Astronomy and Astrophysics</i> , 2014, 561, A119.	2.1	11

#	ARTICLE	IF	CITATIONS
217	On-surface synthesis of different boron–nitrogen–carbon heterostructures from dimethylamine borane. <i>Carbon</i> , 2017, 120, 185-193.	5.4	11
218	Galactic Structure in the Outer Disk: The Field in the Line of Sight to the Intermediate-Age open Cluster Tombaugh 1*. <i>Astronomical Journal</i> , 2017, 153, 99.	1.9	11
219	On the mass of the Galactic star cluster NGC 4337. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 2517-2528.	1.6	11
220	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.	1.6	11
221	Sixteen overlooked open clusters in the fourth Galactic quadrant. <i>Astronomy and Astrophysics</i> , 2020, 637, A95.	2.1	11
222	Clues on the Galactic evolution of sulphur from star clusters. <i>Astronomy and Astrophysics</i> , 2014, 568, A29.	2.1	11
223	Ghosts of Milky Way's past: the globular cluster ESO-37-1 (E3). <i>Astronomy and Astrophysics</i> , 2015, 581, A13.	2.1	11
224	The Gaia-ESO Survey: A new diagnostic for accretion and outflow activity in the young cluster NGC 2264. <i>Astronomy and Astrophysics</i> , 2020, 642, A56.	2.1	11
225	Star cluster detection with WFC/ACS in M33. <i>Astronomy and Astrophysics</i> , 2005, 444, 831-836.	2.1	11
226	Spectroscopy and BVIC photometry of the young open cluster NGC 6604. <i>Astronomy and Astrophysics</i> , 2000, 144, 451-456.	2.1	11
227	Open clusters in the Third Galactic Quadrant. <i>Astronomy and Astrophysics</i> , 2006, 445, 493-501.	2.1	10
228	Five old open clusters more in the outer Galactic disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 502-517.	1.6	10
229	The effect of spatial resolution on optical and near-IR studies of stellar clusters: implications for the origin of the red excess. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 3829-3836.	1.6	10
230	Unresolved Binaries and Galactic Clusters' Mass Estimates. <i>Astrophysical Journal</i> , 2019, 874, 127.	1.6	10
231	Effect of Binarity in Star Cluster Dynamical Mass Determination. <i>Astrophysical Journal</i> , 2020, 896, 152.	1.6	10
232	A photometric study of the two poorly known northern open clusters NGC 133 and NGC 1348. <i>Astronomy and Astrophysics</i> , 2002, 387, 479-486.	2.1	10
233	NGC 5385, NGC 2664 and Collinder 21: Three candidate open cluster remnants. <i>Astronomy and Astrophysics</i> , 2004, 428, 67-77.	2.1	10
234	The Blue Straggler Population of the Open Clusters Trumpler 5, Trumpler 20, and NGC 2477. <i>Astronomical Journal</i> , 2021, 161, 37.	1.9	10

#	ARTICLE	IF	CITATIONS
235	The <i>Gaia</i>-ESO Survey: The analysis of the hot-star spectra. <i>Astronomy and Astrophysics</i> , 2022, 661, A120.	2.1	10
236	The intermediate-age open cluster NGC 2112. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 336, 259-264.	1.6	9
237	NGC 2401: a template of the young population of the Normaâ€“Cygnus arm in the Third Galactic Quadrant*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 367, 1441-1449.	1.6	9
238	Photometric distances to young stars in the inner Galactic disk. <i>Astronomy and Astrophysics</i> , 2011, 536, A101.	2.1	9
239	UBVI CCD photometry and star counts in nine inner disc Galactic star clustersâ€“.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 3608-3623.	1.6	9
240	UB CCD PHOTOMETRY OF THE OLD, METAL-RICH, OPEN CLUSTERS NGC 6791, NGC 6819, AND NGC 7142. <i>Astronomical Journal</i> , 2013, 146, 128.	1.9	9
241	Abundance analysis of red clump stars in the old, inner disc, open cluster NGC 4337: a twin of NGC 752?. <i>Astronomy and Astrophysics</i> , 2014, 568, A86.	2.1	9
242	Mass accretion rates from multiband photometry in the Carina Nebula: the case of Trumpler 14. <i>Astronomy and Astrophysics</i> , 2015, 574, A44.	2.1	9
243	PROPERTIES OF THE OPEN CLUSTER TOMBAUGH 1 FROM HIGH-RESOLUTION SPECTROSCOPY AND uvbyCaHÎ² PHOTOMETRY*. <i>Astronomical Journal</i> , 2016, 151, 6.	1.9	9
244	Gaiaâ€“ESO Survey: INTRIGOSSâ€“A New Library of High-resolution Synthetic Spectra. <i>Astrophysical Journal</i> , 2018, 862, 146.	1.6	9
245	A new look at Sco OB1 association with Gaia DR2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 1349-1359.	1.6	9
246	The <i>Gaia</i>-ESO Survey: Spectroscopic-asteroseismic analysis of K2 stars in <i>Gaia</i>-ESO. <i>Astronomy and Astrophysics</i> , 2020, 643, A83.	2.1	9
247	Influence of Defects and Heteroatoms on the Chemical Properties of Supported Graphene Layers. <i>Coatings</i> , 2022, 12, 397.	1.2	9
248	A study of the two northern open clusters NGCâ€“1582 and NGCâ€“1663. <i>Astronomy and Astrophysics</i> , 2003, 407, 527-539.	2.1	8
249	The anticentre old open cluster NGC 1883: radial velocity and metallicity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 379, 1089-1096.	1.6	8
250	Constraints to Uranus' great collisionâ€“IV. <i>Astronomy and Astrophysics</i> , 2008, 482, 657-664.	2.1	8
251	NGC 4337: an overlooked old cluster in the inner disc of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 441, L36-L40.	1.2	8
252	Stellar populations in the Carina region. <i>Astronomy and Astrophysics</i> , 2016, 592, A149.	2.1	8

#	ARTICLE	IF	CITATIONS
253	Milky Way Thin and Thick Disk Kinematics with Gaia EDR3 and RAVE DR5. <i>Astrophysical Journal</i> , 2022, 932, 28.	1.6	8
254	UBV (R)C-H $\alpha$ photometry and GRISM spectroscopy of the young cluster Bochum 2 in the anticentre direction. <i>Monthly Notices of the Royal Astronomical Society</i> , 1995, 277, 1269-1273.	1.6	7
255	The young open cluster NGC 2129. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 365, 867-873.	1.6	7
256	Abundance analysis of a sample of evolved stars in the outskirts of Centauri. <i>New Astronomy</i> , 2010, 15, 520-529.	0.8	7
257	NGC 1252: a high altitude, metal poor open cluster remnant.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 194-208.	1.6	7
258	Insights into the properties of the Local (Orion) spiral arm. NGC 2302: First results and description of the program. <i>Astronomy and Astrophysics</i> , 2015, 580, A4.	2.1	7
259	The complex stellar populations in the background of open clusters in the third Galactic quadrant. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 4031-4045.	1.6	7
260	Extinction in the Star Cluster SAI 113 and Galactic Structure in Carina. <i>Astronomical Journal</i> , 2017, 153, 156.	1.9	7
261	Probing the nature of possible open cluster remnants with the Southern Proper Motion Program. <i>Astronomy and Astrophysics</i> , 2005, 433, 143-150.	2.1	7
262	Gaia-ESO Survey: Detailed elemental abundances in red giants of the peculiar globular cluster NGC1851. <i>Astronomy and Astrophysics</i> , 0, , .	2.1	7
263	The luminosity function of the cluster Palomar 1 testing a new technique. <i>Astronomy Reports</i> , 2000, 44, 12-17.	0.2	6
264	NGC 1883: a neglected intermediate-age open cluster located in the outskirts of the Galactic disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 343, 547-551.	1.6	6
265	Photometric distances to young stars in the inner Galactic disk. <i>Astronomy and Astrophysics</i> , 2012, 548, A125.	2.1	6
266	A deep and wide-field view at the IC 2944/2948 complex in Centaurus*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 411-422.	1.6	6
267	On the assessment of the nature of open star clusters and the determination of their basic parameters with limited data. <i>Astrophysics and Space Science</i> , 2017, 362, 1.	0.5	6
268	Optical photometry and spectral classification in the field of the open cluster NGC 6996 in the North America Nebula. <i>Astronomy and Astrophysics</i> , 2004, 419, 149-159.	2.1	6
269	The Relation of the Alpha Persei Star Cluster with the Nearby Stellar Stream. <i>Astronomical Journal</i> , 2020, 160, 142.	1.9	6
270	Unresolved Binaries in the Intermediate Mass Range in the Pleiades Star Cluster*. <i>Astronomical Journal</i> , 2022, 163, 113.	1.9	6



#	ARTICLE	IF	CITATIONS
271	An analysis of the blue straggler population in the Sgr dSph globular cluster Arp 2âˆ“... Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	1.6	5
272	On the crucial cluster Andrews-Lindsay 1 and a 4% distance solution for its planetary nebula. Astronomy and Astrophysics, 2014, 567, A1.	2.1	5
273	Detection of a 14-d atmospheric perturbation peak at Paranal associated with lunar cycles. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 484, L136-L140.	1.2	5
274	Infrared photometry and CaT spectroscopy of globular cluster M 28 (NGC 6626). Astronomy and Astrophysics, 2021, 648, A18.	2.1	5
275	Model-independent diagnostics of highly reddened Milky Way star clusters: age calibration. Astronomy and Astrophysics, 2009, 508, 1279-1283.	2.1	5
276	A photometric study of the young open cluster NGCâ1220. Astronomy and Astrophysics, 2002, 391, 179-185.	2.1	5
277	A photometric study of the intermediate age open cluster Kingâ5. Astronomy and Astrophysics, 2000, 142, 59-63.	2.1	5
278	Boudouard reaction under graphene cover on Ni(1 1 1). Applied Surface Science, 2022, 599, 154065.	3.1	5
279	A photometric study of the open cluster Haffner 6. Monthly Notices of the Royal Astronomical Society, 1995, 272, 507-512.	1.6	4
280	The intermediate-age open clusters Ruprecht 61, Czernik 32, NGC 2225 and 2262. Monthly Notices of the Royal Astronomical Society, 2005, 362, 649-656.	1.6	4
281	The O stars in the VLT-FLAMES Tarantula Survey. Journal of Physics: Conference Series, 2011, 328, 012022.	0.3	4
282	The Milky Way thin disk structure as revealed by stars and young open clusters. Proceedings of the International Astronomical Union, 2013, 9, 7-16.	0.0	4
283	RADIAL VELOCITIES AND METALLICITIES OF RED GIANT STARS IN THE OLD OPEN CLUSTER NGC 7762. Astronomical Journal, 2016, 152, 224.	1.9	4
284	Radial Velocity and Chemical Composition of Evolved Stars in the Open Clusters NGC 6940 and Tombaugh 5. Astronomical Journal, 2018, 156, 244.	1.9	4
285	Solving the distance discrepancy for the open cluster NGC 2453. Astronomy and Astrophysics, 2019, 626, A10.	2.1	4
286	Parallel Treeâ€“SPH: A Tool for Galaxy Formation. Astrophysics and Space Science, 2001, 276, 1049-1056.	0.5	3
287	An analysis of the Eris (2003 ) light curve. Planetary and Space Science, 2008, 56, 1874-1877.	0.9	3
288	On the existence of young embedded clusters at high Galactic latitude. Monthly Notices of the Royal Astronomical Society, 2017, 470, 481-488.	1.6	3

#	ARTICLE	IF	CITATIONS
289	VI photometry of the galactic cluster Berkeley 66'. <i>Astronomy and Astrophysics</i> , 1997, 121, 451-454.	2.1	3
290	Gaia 1 Cannot be a Thick Disk Galactic Cluster. <i>Research Notes of the AAS</i> , 2018, 2, 12.	0.3	3
291	Instrumental photon activation analysis of Cd and Pb in zinc ores with a rotating device for intermittent irradiations. <i>Journal of Radioanalytical Chemistry</i> , 1980, 60, 435-441.	0.5	2
292	The Open Cluster NGC 6520 and the Nearby Dark Molecular Cloud Barnard 86. <i>Astronomical Journal</i> , 2005, 130, 635-642.	1.9	2
293	Breaking the curtain: the old open cluster VdB-Hagen 67 in the background of the Vela Molecular Ridge. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 1863-1869.	1.6	2
294	Binarity as the Solution to the Stellar Evolution Enigma Posed by NGC 6791. <i>Astrophysical Journal Letters</i> , 2017, 841, L10.	3.0	2
295	Unresolved Multiple Stars and Galactic Clusters' Mass Estimates. <i>Astrophysical Journal</i> , 2021, 908, 60.	1.6	2
296	Multicolor Photometry of the Neptune Irregular Satellite Neso. <i>Research Notes of the AAS</i> , 2018, 2, 42.	0.3	2
297	The young Galactic cluster NGC 225: binary stars' content and total mass estimate. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	2
298	Young open clusters in the Carina region. <i>Symposium - International Astronomical Union</i> , 2003, 212, 543-544.	0.1	1
299	Non-instantaneous gas recycling and chemical evolution in N-body disk galaxies. <i>Astrophysics and Space Science</i> , 2004, 289, 441-444.	0.5	1
300	Optical photometry and basic parameters of 10 unstudied open clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , .	1.6	1
301	Stellar populations in the fields surrounding the LMC clusters NGC 2154 and NGC 1898. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 1884-1892.	1.6	1
302	The orbit of the old, metal-rich, open cluster NGC 6791. <i>EPJ Web of Conferences</i> , 2012, 19, 07005.	0.1	1
303	Yttrium and barium in open clusters. <i>Bulletin of the Crimean Astrophysical Observatory</i> , 2013, 109, 32-34.	0.1	1
304	HIGHLIGHTS OF COMMISSION 37 SCIENCE RESULTS. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 502-521.	0.0	1
305	On the subject of the Ba overabundance in the open clusters stars. <i>Journal of Physics: Conference Series</i> , 2016, 665, 012025.	0.3	1
306	The Age of the Galactic Disk. <i>Astrophysics and Space Science Library</i> , 2000, , 335-346.	1.0	1

#	ARTICLE	IF	CITATIONS
307	Parallel Treesph. Astrophysics and Space Science Library, 1999, , 393-394.	1.0	1
308	Molybdenum in the open cluster stars. Journal of Physical Studies, 2020, 24, .	0.2	1
309	Age-Metallicity Relation: Comparison of Open Clusters' Data with Stellar Populations. Symposium - International Astronomical Union, 1996, 171, 351-351.	0.1	0
310	Old Open Cluster and the Age of the Galactic Disk. , 1999, 265, 283-284.		0
311	Chemical evolution in simulations of galaxy formation. Astrophysics and Space Science, 2002, 281, 317-318.	0.5	0
312	Coupling Chemical Evolution with SPH. Symposium - International Astronomical Union, 2003, 208, 383-384.	0.1	0
313	Basic parameters of three star clusters in the Small Magellanic Cloud: Kron 11, Kron 63 and NGC 121. Monthly Notices of the Royal Astronomical Society, 2008, , .	1.6	0
314	First results of the Southern Open Cluster Study. Proceedings of the International Astronomical Union, 2009, 5, 429-432.	0.0	0
315	Refining the true parameters of the open cluster NGC 4852. Proceedings of the International Astronomical Union, 2009, 5, 539-539.	0.0	0
316	IAU Symposium 266: Summary. Proceedings of the International Astronomical Union, 2009, 5, 341-343.	0.0	0
317	The VLT-FLAMES Tarantula survey. Proceedings of the International Astronomical Union, 2010, 6, 296-297.	0.0	0
318	On Our Multi-Wavelength Campaign of the 2011 Outburst of T Pyx. Proceedings of the International Astronomical Union, 2011, 7, 404-405.	0.0	0
319	Evidences of tidal distortion and mass loss from the old open cluster NGC 6791. Proceedings of the International Astronomical Union, 2015, 12, 345-346.	0.0	0
320	[PP.35.08]. Journal of Hypertension, 2015, 33, e452.	0.3	0
321	Is the Galactic Spiral Potential 2- or 4-arms?. Proceedings of the International Astronomical Union, 2017, 13, 300-301.	0.0	0
322	Investigation of the nearby open clusters with Gaia DR2 data. Proceedings of the International Astronomical Union, 2019, 14, 502-506.	0.0	0
323	The Galactic Disc Age-Metallicity Relation. , 2002, , 231-231.		0
324	Non-Instantaneous Gas Recycling and Chemical Evolution in N-Body Disk Galaxies. , 2004, , 265-268.		0

#	ARTICLE	IF	CITATIONS
325	WHAT'S GOING ON IN CANIS MAJOR?. , 2006, , .		0
326	Morphological Transformations of Dwarf Galaxies in the Local Group. , 2015, , 253-265.		0
327	Introduction to the Theory of Stellar Evolution. Astrophysics and Space Science Library, 2015, , 1-16.	1.0	0
328	Photometric Study of the Open Cluster NGC 225. Astrophysical Bulletin, 2022, 77, 78-83.	0.3	0