

Sergey E Kopusov

List of Publications by Year in descending order

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Version: 2024-02-01

232
papers

29,576
citations

12322

69
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4880

168
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236
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236
docs citations

236
times ranked

13057
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A1.	2.1	6,364
2	The<i>Gaia</i>mission. Astronomy and Astrophysics, 2016, 595, A1.	2.1	4,509
3	<i>Gaia</i>Data Release 1. Astronomy and Astrophysics, 2016, 595, A2.	2.1	1,590
4	Cats and Dogs, Hair and a Hero: A Quintet of New Milky Way Companions. Astrophysical Journal, 2007, 654, 897-906.	1.6	646
5	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A10.	2.1	638
6	Co-formation of the disc and the stellar halo~.... Monthly Notices of the Royal Astronomical Society, 2018, 478, 611-619.	1.6	615
7	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A4.	2.1	556
8	<i>Gaia</i>Data Release 2. Astronomy and Astrophysics, 2018, 616, A12.	2.1	491
9	BEASTS OF THE SOUTHERN WILD: DISCOVERY OF NINE ULTRA FAINT SATELLITES IN THE VICINITY OF THE MAGELLANIC CLOUDS. Astrophysical Journal, 2015, 805, 130.	1.6	437
10	The Accretion Origin of the Milky Way's Stellar Halo. Astrophysical Journal, 2008, 680, 295-311.	1.6	359
11	THE CATALINA SURVEYS PERIODIC VARIABLE STAR CATALOG. Astrophysical Journal, Supplement Series, 2014, 213, 9.	3.0	346
12	CONSTRAINING THE MILKY WAY POTENTIAL WITH A SIX-DIMENSIONAL PHASE-SPACE MAP OF THE GD-1 STELLAR STREAM. Astrophysical Journal, 2010, 712, 260-273.	1.6	329
13	<i>Gaia</i>Data Release 2. Astronomy and Astrophysics, 2018, 616, A11.	2.1	323
14	The Luminosity Function of the Milky Way Satellites. Astrophysical Journal, 2008, 686, 279-291.	1.6	295
15	Dry Mergers in GEMS: The Dynamical Evolution of Massive Early-type Galaxies. Astrophysical Journal, 2006, 640, 241-251.	1.6	263
16	Discovery of an Unusual Dwarf Galaxy in the Outskirts of the Milky Way. Astrophysical Journal, 2007, 656, L13-L16.	1.6	253
17	GEMS: Galaxy Fitting Catalogs and Testing Parametric Galaxy Fitting Codes: GALFIT and GIM2D. Astrophysical Journal, Supplement Series, 2007, 172, 615-633.	3.0	240
18	Unresolved stellar companions with <i>Gaia</i> DR2 astrometry. Monthly Notices of the Royal Astronomical Society, 2020, 496, 1922-1940.	1.6	219

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19	The total mass of the Large Magellanic Cloud from its perturbation on the Orphan stream. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2685-2700.	1.6	211
20	PROBING THE OUTER GALACTIC HALO WITH RR LYRAE FROM THE CATALINA SURVEYS. Astrophysical Journal, 2013, 763, 32.	1.6	197
21	A QUANTITATIVE EXPLANATION OF THE OBSERVED POPULATION OF MILKY WAY SATELLITE GALAXIES. Astrophysical Journal, 2009, 696, 2179-2194.	1.6	193
22	THE COUPLING BETWEEN THE CORE/CUSP AND MISSING SATELLITE PROBLEMS. Astrophysical Journal Letters, 2012, 759, L42.	3.0	191
23	The feeble giant. Discovery of a large and diffuse Milky Way dwarf galaxy in the constellation of Crater. Monthly Notices of the Royal Astronomical Society, 2016, 459, 2370-2378.	1.6	178
24	The <i>Gaia</i> -ESO Survey: the Galactic thick to thin disc transition. Astronomy and Astrophysics, 2014, 567, A5.	2.1	171
25	BIG FISH, LITTLE FISH: TWO NEW ULTRA-FAINT SATELLITES OF THE MILKY WAY. Astrophysical Journal Letters, 2010, 712, L103-L106.	3.0	168
26	Precession of the Sagittarius stream. Monthly Notices of the Royal Astronomical Society, 2014, 437, 116-131.	1.6	165
27	The <i>Gaia</i> -ESO Survey: The analysis of high-resolution UVES spectra of FGK-type stars. Astronomy and Astrophysics, 2014, 570, A122.	2.1	165
28	The Sausage Globular Clusters. Astrophysical Journal Letters, 2018, 863, L28.	3.0	163
29	Luminosity function and radial distribution of Milky Way satellites in a Λ CDM Universe. Monthly Notices of the Royal Astronomical Society, 2010, 402, 1995-2008.	1.6	161
30	ACCURATE STELLAR KINEMATICS AT FAINT MAGNITUDES: APPLICATION TO THE BOÖTES I DWARF SPHEROIDAL GALAXY. Astrophysical Journal, 2011, 736, 146.	1.6	159
31	The <i>Gaia</i> -ESO Survey: radial metallicity gradients and age-metallicity relation of stars in the Milky Way disk. Astronomy and Astrophysics, 2014, 565, A89.	2.1	158
32	<i>Gaia</i> Data Release 2. Astronomy and Astrophysics, 2018, 616, A14.	2.1	140
33	The Hercules-Aquila Cloud. Astrophysical Journal, 2007, 657, L89-L92.	1.6	138
34	THE SAGITTARIUS STREAMS IN THE SOUTHERN GALACTIC HEMISPHERE. Astrophysical Journal, 2012, 750, 80.	1.6	136
35	Leo V: A Companion of a Companion of the Milky Way Galaxy?. Astrophysical Journal, 2008, 686, L83-L86.	1.6	134
36	QUANTIFYING KINEMATIC SUBSTRUCTURE IN THE MILKY WAY'S STELLAR HALO. Astrophysical Journal, 2011, 738, 79.	1.6	125

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37	KINEMATICS AND CHEMISTRY OF RECENTLY DISCOVERED RETICULUM 2 AND HOROLOGIUM 1 DWARF GALAXIES. <i>Astrophysical Journal</i> , 2015, 811, 62.	1.6	123
38	Indication of Gamma-Ray Emission from the Newly Discovered Dwarf Galaxy Reticulum II. <i>Physical Review Letters</i> , 2015, 115, 081101.	2.9	121
39	The Catalina Surveys Southern periodic variable star catalogue. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 3688-3712.	1.6	119
40	4MOST: 4-metre multi-object spectroscopic telescope. <i>Proceedings of SPIE</i> , 2012, , .	0.8	118
41	The hidden giant: discovery of an enormous Galactic dwarf satellite in Gaia DR2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 2743-2766.	1.6	116
42	The Discovery of Two Extremely Low Luminosity Milky Way Globular Clusters. <i>Astrophysical Journal</i> , 2007, 669, 337-342.	1.6	111
43	The cold veil of the Milky Way stellar halo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 2840-2853.	1.6	111
44	Apocenter Pile-up: Origin of the Stellar Halo Density Break. <i>Astrophysical Journal Letters</i> , 2018, 862, L1.	3.0	107
45	Discovery of two neighbouring satellites in the Carina constellation with MagLiteS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 5085-5097.	1.6	106
46	The <i>Gaia</i> -ESO Survey: Kinematic structure in the Gamma Velorum cluster. <i>Astronomy and Astrophysics</i> , 2014, 563, A94.	2.1	103
47	MAGELLAN/M2FS SPECTROSCOPY OF TUCANA 2 AND GRUS 1*. <i>Astrophysical Journal</i> , 2016, 819, 53.	1.6	100
48	Crater 2: An Extremely Cold Dark Matter Halo. <i>Astrophysical Journal</i> , 2017, 839, 20.	1.6	100
49	The VISTA ZYJKs photometric system: calibration from 2MASS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 5459-5478.	1.6	98
50	The radial distribution of galaxies in groups and clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 104-121.	1.6	95
51	The Milky Way Halo in Action Space. <i>Astrophysical Journal Letters</i> , 2018, 856, L26.	3.0	94
52	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
53	At the survey limits: discovery of the Aquarius 2 dwarf galaxy in the VST ATLAS and the SDSS data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 712-722.	1.6	92
54	Eight new luminous $z \approx 6$ quasars discovered via SED model fitting of VISTA, WISE and Dark Energy Survey Year 1 observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 4702-4718.	1.6	92

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55	The Cosmic Horseshoe: Discovery of an Einstein Ring around a Giant Luminous Red Galaxy. <i>Astrophysical Journal</i> , 2007, 671, L9-L12.	1.6	90
56	Halo substructure in the SDSS–Gaia catalogue: streams and clumps. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1537-1548.	1.6	88
57	ATLAS lifts the Cup: discovery of a new Milky Way satellite in Crater. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 2124-2133.	1.6	87
58	Discovery of ~ 49000 new RR Lyrae in the southern Catalina surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 2251-2266.	1.6	87
59	Snake in the Clouds: a new nearby dwarf galaxy in the Magellanic bridge*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 5343-5361.	1.6	84
60	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.	2.1	84
61	Piercing the Milky Way: an all-sky view of the Orphan Stream. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 4726-4742.	1.6	83
62	A sharper view of Pal 5's tails: discovery of stream perturbations with a novel non-parametric technique. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 60-84.	1.6	82
63	Discovery of new retrograde substructures: the shards of 'Centauri'. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 5449-5459.	1.6	82
64	MAGELLAN/M2FS SPECTROSCOPY OF THE RETICULUM 2 DWARF SPHEROIDAL GALAXY. <i>Astrophysical Journal</i> , 2015, 808, 108.	1.6	78
65	Gaia Data Release 2. <i>Astronomy and Astrophysics</i> , 2018, 616, A13.	2.1	78
66	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 605, A79.	2.1	78
67	Gaia Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 601, A19.	2.1	77
68	Discovery of a nearby 1700 km s^{-1} star ejected from the Milky Way by Sgr A*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 2465-2480.	1.6	73
69	A 10 kpc stellar substructure at the edge of the Large Magellanic Cloud: perturbed outer disc or evidence for tidal stripping?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 239-255.	1.6	72
70	Discovery of a cold stellar stream in the ATLAS DR1 data. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 442, L85-L89.	1.2	71
71	The Gaia-ESO Survey: processing FLAMES-UVES spectra. <i>Astronomy and Astrophysics</i> , 2014, 565, A113.	2.1	69
72	TOUCHING THE VOID: A STRIKING DROP IN STELLAR HALO DENSITY BEYOND 50 kpc . <i>Astrophysical Journal</i> , 2014, 787, 30.	1.6	69

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73	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
74	The halo's ancient metal-rich progenitor revealed with BHB stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 378-389.	1.6	69
75	Outer density profiles of 19 Galactic globular clusters from deep and wide-field imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 14-28.	1.6	68
76	Clouds, Streams and Bridges. Redrawing the blueprint of the Magellanic System with <i>Gaia</i> DR1. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stw3357.	1.6	68
77	The southern stellar stream spectroscopic survey (S5): Overview, target selection, data reduction, validation, and early science. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 3508-3531.	1.6	68
78	VDES J2325 ^h 5229 a _z = 2.7 gravitationally lensed quasar discovered using morphology-independent supervised machine learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 4325-4334.	1.6	66
79	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.	2.1	63
80	The RAVE-on Catalog of Stellar Atmospheric Parameters and Chemical Abundances for Chemo-dynamic Studies in the <i>Gaia</i> Era. <i>Astrophysical Journal</i> , 2017, 840, 59.	1.6	63
81	The first all-sky view of the Milky Way stellar halo with <i>Gaia</i> +2MASS RR Lyrae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 2142-2166.	1.6	62
82	The star formation history of the Sagittarius stream. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 3489-3503.	1.6	61
83	<i>Gaia</i> 1 and 2. A pair of new Galactic star clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 2702-2709.	1.6	61
84	The <i>Gaia</i> -ESO Survey: characterisation of the [α/Fe] sequences in the Milky Way discs. <i>Astronomy and Astrophysics</i> , 2015, 582, A122.	2.1	60
85	Stellar streams around the Magellanic Clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 602-616.	1.6	59
86	Automated search for Galactic star clusters in large multiband surveys. <i>Astronomy and Astrophysics</i> , 2008, 486, 771-777.	2.1	58
87	The slight spin of the old stellar halo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 1259-1273.	1.6	58
88	The <i>Gaia</i> -ESO Survey: Probes of the inner disk abundance gradient. <i>Astronomy and Astrophysics</i> , 2016, 591, A37.	2.1	57
89	The <i>Gaia</i> -ESO Survey: Sodium and aluminium abundances in giants and dwarfs. <i>Astronomy and Astrophysics</i> , 2016, 589, A115.	2.1	55
90	Binary deviations from single object astrometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 321-337.	1.6	55

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91	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, 1456-1465.	1.6	54
92	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.	2.1	54
93	<i>Gaia</i> Early Data Release 3. <i>Astronomy and Astrophysics</i> , 2021, 652, A76.	2.1	54
94	4MOST: 4-metre Multi-Object Spectroscopic Telescope. <i>Proceedings of SPIE</i> , 2014, , .	0.8	53
95	The <i>Gaia</i>-ESO Survey: open clusters in <i>Gaia</i>-DR1. <i>Astronomy and Astrophysics</i> , 2018, 612, A99.	2.1	53
96	The Southern Stellar Stream Spectroscopic Survey (S ⁵): Chemical Abundances of Seven Stellar Streams. <i>Astronomical Journal</i> , 2020, 160, 181.	1.9	53
97	The <i>Gaia</i>-ESO Survey: Calibration strategy. <i>Astronomy and Astrophysics</i> , 2017, 598, A5.	2.1	51
98	Common origin for Hercules-Aquila and Virgo Clouds in <i>Gaia</i>-DR2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 921-928.	1.6	51
99	Substructures and Tidal Distortions in the Magellanic Stellar Periphery. <i>Astrophysical Journal Letters</i> , 2018, 858, L21.	3.0	50
100	Elevated r-process Enrichment in Gaia Sausage and Sequoia*. <i>Astrophysical Journal Letters</i> , 2021, 908, L8.	3.0	50
101	Balancing mass and momentum in the Local Group. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 1688-1703.	1.6	49
102	The similarity of the stellar mass fractions of galaxy groups and clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 1362-1377.	1.6	49
103	The <i>Gaia</i>-ESO Survey: Kinematics of seven Galactic globular clusters. <i>Astronomy and Astrophysics</i> , 2015, 573, A115.	2.1	48
104	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
105	<i>Gaia</i> Data Release 1. <i>Astronomy and Astrophysics</i> , 2017, 599, A32.	2.1	47
106	A parametric description of the 3D structure of the Galactic bar/bulge using the WVV survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 4323-4344.	1.6	47
107	Detection of the LMC-induced sloshing of the Galactic halo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 2677-2684.	1.6	47
108	The <i>Gaia</i>-ESO Survey: A lithium-rotation connection at 5 Myr?. <i>Astronomy and Astrophysics</i> , 2016, 590, A78.	2.1	46

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109	Broken into Pieces: ATLAS and Aliqa Uma as One Single Stream. <i>Astrophysical Journal</i> , 2021, 911, 149.	1.6	46
110	TriAnd and its siblings: satellites of satellites in the Milky Way halo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 3975-3985.	1.6	45
111	Uncovering blue diffuse dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 2687-2703.	1.6	45
112	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
113	Proper Motions of Stellar Streams Discovered in the Dark Energy Survey. <i>Astrophysical Journal</i> , 2019, 885, 3.	1.6	45
114	Ages and abundances in large-scale stellar discs of nearby S0 galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 790-805.	1.6	44
115	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.	2.1	44
116	The <i>Gaia</i> -ESO Survey: New constraints on the Galactic disc velocity dispersion and its chemical dependencies. <i>Astronomy and Astrophysics</i> , 2015, 583, A91.	2.1	44
117	Measuring the Mass of the Large Magellanic Cloud with Stellar Streams Observed by S ⁵ . <i>Astrophysical Journal</i> , 2021, 923, 149.	1.6	44
118	Lessons from the curious case of the "fastest" star in Gaia DR2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 2618-2630.	1.6	43
119	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.	2.1	43
120	S ⁵ : The Orbital and Chemical Properties of One Dozen Stellar Streams. <i>Astrophysical Journal</i> , 2022, 928, 30.	1.6	43
121	Modelling the Tucana III stream - a close passage with the LMC. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	1.6	42
122	Catalogues of active galactic nuclei from Gaia and unWISE data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 4741-4759.	1.6	42
123	Kinematics of Antlia 2 and Crater 2 from the Southern Stellar Stream Spectroscopic Survey (S ⁵). <i>Tj ETQq1 1 0.784314 rgBT / Overlock 10</i>	1.6	42
124	Transient astronomy with the <i>Gaia</i> satellite. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20120239.	1.6	41
125	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
126	The tidal remnant of an unusually metal-poor globular cluster. <i>Nature</i> , 2020, 583, 768-770.	13.7	41

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127	Automated search for star clusters in large multiband surveys: II. Discovery and investigation of open clusters in the galactic plane. <i>Astronomy Letters</i> , 2010, 36, 75-85.	0.1	40
128	The <i>Gaia</i> -ESO Survey: A globular cluster escapee in the Galactic halo. <i>Astronomy and Astrophysics</i> , 2015, 575, L12.	2.1	40
129	The Clouds are breaking: tracing the Magellanic system with <i>Gaia</i> DR1 Mira variables. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 2636-2647.	1.6	40
130	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
131	<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
132	A COMPREHENSIVE ARCHIVAL SEARCH FOR COUNTERPARTS TO ULTRA-COMPACT HIGH-VELOCITY CLOUDS: FIVE LOCAL VOLUME DWARF GALAXIES. <i>Astrophysical Journal</i> , 2015, 806, 95.	1.6	39
133	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
134	Detailed Abundances in the Ultra-faint Magellanic Satellites Carina II and III. <i>Astrophysical Journal</i> , 2020, 889, 27.	1.6	38
135	Preliminary Target Selection for the DESI Milky Way Survey (MWS). <i>Research Notes of the AAS</i> , 2020, 4, 188.	0.3	38
136	The tidal tails of the ultrafaint globular cluster Palomar 1. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 408, L66-L70.	1.2	37
137	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
138	Strong RR Lyrae excess in the Hercules-Aquila Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 161-171.	1.6	35
139	<i>Gaia</i> -ESO Survey: Analysis of pre-main sequence stellar spectra. <i>Astronomy and Astrophysics</i> , 2015, 576, A80.	2.1	35
140	A HUBBLE SPACE TELESCOPE STUDY OF THE ENIGMATIC MILKY WAY HALO GLOBULAR CLUSTER CRATER*. <i>Astrophysical Journal</i> , 2016, 822, 32.	1.6	34
141	The <i>Gaia</i> -ESO Survey: the selection function of the Milky Way field stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 1131-1146.	1.6	34
142	The fall of the Northern Unicorn: tangential motions in the Galactic anticentre with SDSS and <i>Gaia</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 647-662.	1.6	34
143	The close binary fraction as a function of stellar parameters in APOGEE: a strong anticorrelation with α abundances. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 1607-1626.	1.6	34
144	Gravitationally lensed quasars in <i>Gaia</i> : I. Resolving small-separation lenses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 5023-5032.	1.6	33

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145	The Pisces Plume and the Magellanic wake. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 488, L47-L52.	1.2	33
146	Total eclipse of the heart: the AM CVn Gaia14aae/ASSASN-14cn. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1060-1067.	1.6	32
147	A deeper look at the GD1 stream: density variations and wiggles. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1893-1902.	1.6	32
148	Chemodynamical properties of the Anticentre Stream: a surviving disc fossil from a past satellite interaction. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 492, L61-L65.	1.2	32
149	A STATISTICAL METHOD FOR MEASURING THE GALACTIC POTENTIAL AND TESTING GRAVITY WITH COLD TIDAL STREAMS. Astrophysical Journal, 2012, 760, 2.	1.6	31
150	SAGITTARIUS STREAM THREE-DIMENSIONAL KINEMATICS FROM SLOAN DIGITAL SKY SURVEY STRIPE 82. Astrophysical Journal, 2013, 766, 79.	1.6	31
151	Unmixing the Galactic halo with RR Lyrae tagging. Monthly Notices of the Royal Astronomical Society, 2018, 477, 1472-1483.	1.6	31
152	The discovery of a five-image lensed quasar at $z = 3.34$ using PanSTARRS1 and <i>Gaia</i> . Monthly Notices of the Royal Astronomical Society: Letters, 2018, 473, L116-L120.	1.2	31
153	The <i>Gaia</i> -ESO Survey: a kinematical and dynamical study of four young open clusters. Astronomy and Astrophysics, 2018, 615, A37.	2.1	31
154	The <i>Gaia</i> -ESO Survey: the first abundance determination of the pre-main-sequence cluster gamma Velorum. Astronomy and Astrophysics, 2014, 567, A55.	2.1	30
155	The Gaia-ESO Survey: asymmetric expansion of the Lagoon Nebula cluster NGC 6530 from GES and Gaia DR2. Monthly Notices of the Royal Astronomical Society, 2019, 486, 2477-2493.	1.6	30
156	Combining Dark Energy Survey Science Verification data with near-infrared data from the ESO VISTA Hemisphere Survey. Monthly Notices of the Royal Astronomical Society, 2014, 446, 2523-2539.	1.6	29
157	Blue diffuse dwarf galaxies: a clearer picture. Monthly Notices of the Royal Astronomical Society, 2017, 465, 3977-4015.	1.6	29
158	The <i>Gaia</i> -ESO Survey: Churning through the Milky Way. Astronomy and Astrophysics, 2018, 609, A79.	2.1	29
159	Hyperluminous reddened broad-line quasars at $z \approx 1/4$ from the VISTA Hemisphere Survey and <i>WISE</i> all-sky survey. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 429, L55-L59.	1.2	27
160	The <i>Gaia</i> -ESO Survey: Structural and dynamical properties of the young cluster Chamaeleon I. Astronomy and Astrophysics, 2017, 601, A97.	2.1	27
161	The Discovery of Tidal Tails around the Globular Cluster NGC 7492 with Pan-STARRS1. Astrophysical Journal Letters, 2017, 841, L23.	3.0	27
162	The Morphology and Structure of Stellar Populations in the Fornax Dwarf Spheroidal Galaxy from Dark Energy Survey Data. Astrophysical Journal, 2019, 881, 118.	1.6	27

#	ARTICLE	IF	CITATIONS
163	Exposing Sgr tidal debris behind the Galactic disc with M giants selected in WISE+2MASS. Monthly Notices of the Royal Astronomical Society, 2014, 446, 3110-3117.	1.6	26
164	The S2 Stream: the shreds of a primitive dwarf galaxy.*. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	26
165	The Gaia-ESO Survey: chemical signatures of rocky accretion in a young solar-type star. Astronomy and Astrophysics, 2015, 582, L6.	2.1	26
166	Nine tiny star clusters in Gaia DR1, PS1, and DES. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2181-2197.	1.6	25
167	CASSOWARY-20: a wide separation Einstein Cross identified with the X-shooter spectrograph. Monthly Notices of the Royal Astronomical Society, 2010, 402, 2335-2343.	1.6	24
168	First T-dwarfs in the VISTA Hemisphere Survey. Astronomy and Astrophysics, 2012, 548, A53.	2.1	24
169	The Gaia-ESO Survey: Separating disk chemical substructures with cluster models. Astronomy and Astrophysics, 2016, 586, A39.	2.1	24
170	Eridanus IV: an Ultra-faint Dwarf Galaxy Candidate Discovered in the DECam Local Volume Exploration Survey. Astrophysical Journal Letters, 2021, 920, L44.	3.0	24
171	Very Large Telescope Spectroscopy of Ultra-faint Dwarf Galaxies. I. Boötes I, Leo IV, and Leo V. Astrophysical Journal, 2021, 920, 92.	1.6	24
172	Are group- and cluster-scale dark matter haloes overconcentrated?. Monthly Notices of the Royal Astronomical Society, 2013, 436, 503-510.	1.6	23
173	The Gaia-ESO Survey: dynamical models of flattened, rotating globular clusters. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4740-4762.	1.6	22
174	To the Galactic Virial Radius with Hyper Suprime-Cam. Astrophysical Journal, 2018, 852, 118.	1.6	21
175	Completeness of the Gaia-verse - IV. The astrometry spread function of Gaia DR2. Monthly Notices of the Royal Astronomical Society, 2021, 502, 1908-1924.	1.6	21
176	Discovery of a Disrupting Open Cluster Far into the Milky Way Halo: A Recent Star Formation Event in the Leading Arm of the Magellanic Stream?. Astrophysical Journal, 2019, 887, 19.	1.6	20
177	Cresting the wave: proper motions of the Eastern Banded Structure. Monthly Notices of the Royal Astronomical Society, 2018, 473, 2428-2433.	1.6	19
178	Rediscovery of the Sixth Star Cluster in the Fornax Dwarf Spheroidal Galaxy. Astrophysical Journal Letters, 2019, 875, L13.	3.0	19
179	Structured star formation in the Magellanic inter-Cloud region. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2975-2989.	1.6	18
180	The Magellanic Edges Survey I: Description and first results. Monthly Notices of the Royal Astronomical Society, 2020, 497, 3055-3075.	1.6	18

#	ARTICLE	IF	CITATIONS
181	THE GAIA-ESO SURVEY: METAL-RICH BANANAS IN THE BULGE. <i>Astrophysical Journal Letters</i> , 2016, 824, L29.	3.0	18
182	Chemodynamic subpopulations of the Carina dwarf galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1299-1307.	1.6	17
183	<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
184	The Magellanic Edges Survey â€“ II. Formation of the LMCâ€™s northern arm. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 510, 445-468.	1.6	17
185	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
186	Gaia transients in galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 307-323.	1.6	16
187	gs-tec: the Gaia spectrophotometry transient events classifier. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 327-342.	1.6	14
188	A halo substructure in Gaia Data Release 1. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 469, L78-L82.	1.2	14
189	The<i>Gaia</i>-ESO Survey: Hydrogen lines in red giants directly trace stellar mass. <i>Astronomy and Astrophysics</i> , 2016, 594, A120.	2.1	14
190	Search for globular clusters associated with the Milky Way dwarf galaxies using <i>Gaia</i> DR2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 986-997.	1.6	14
191	<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
192	Spectroscopic follow-up of the Herculesâ€™Aquila Cloud. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 3913-3923.	1.6	12
193	Exploring chemical homogeneity in dwarf galaxies: a VLT-<i>MUSE</i> study of JKBâ€™18. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 2564-2581.	1.6	12
194	Spectroscopic Confirmation of the Sixth Globular Cluster in the Fornax Dwarf Spheroidal Galaxy*. <i>Astrophysical Journal</i> , 2021, 923, 77.	1.6	12
195	AN EXTENDED VIEW OF THE PISCES OVERDENSITY FROM THE SCUSS SURVEY. <i>Astrophysical Journal</i> , 2015, 810, 153.	1.6	11
196	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
197	A Search for Wandering Black Holes in the Milky Way with Gaia and DECaLS. <i>Astrophysical Journal</i> , 2021, 917, 17.	1.6	11
198	Kinematics beats dust: unveiling nested substructure in the perturbed outer disc of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 510, L13-L17.	1.2	11

#	ARTICLE	IF	CITATIONS
199	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.	2.1	9
200	Discovery of a thin stellar stream in the SLAMS survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 5342-5351.	1.6	9
201	<i>Gaia</i> "ESO Survey: INTRIGOSS" A New Library of High-resolution Synthetic Spectra. <i>Astrophysical Journal</i> , 2018, 862, 146.	1.6	9
202	VV-WIT-08: the giant star that blinked. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 1992-2008.	1.6	9
203	Stellar multiplicity and stellar rotation: insights from APOGEE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 2051-2061.	1.6	9
204	The Magellanic Edges Survey " III. Kinematics of the disturbed LMC outskirts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 4798-4818.	1.6	9
205	S ⁵ : The Destruction of a Bright Dwarf Galaxy as Revealed by the Chemistry of the Indus Stellar Stream. <i>Astrophysical Journal</i> , 2021, 915, 103.	1.6	8
206	Mapping the tilt of the Milky Way bulge velocity ellipsoids with ARGOS and <i>Gaia</i> DR2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 1740-1752.	1.6	8
207	From the Fire: A Deeper Look at the Phoenix Stream. <i>Astrophysical Journal</i> , 2022, 925, 118.	1.6	8
208	<i>Gaia</i> transient detection efficiency: hunting for nuclear transients. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 603-617.	1.6	7
209	Stellar streams around the Magellanic Clouds in 4D. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 4160-4174.	1.6	7
210	DELVE-ing into the Jet: A Thin Stellar Stream on a Retrograde Orbit at 30 kpc. <i>Astronomical Journal</i> , 2022, 163, 18.	1.9	7
211	Photometry of the poorly studied galactic open star clusters King 13, King 18, King 19, King 20, NGC 136, and NGC 7245. <i>Astronomy Letters</i> , 2010, 36, 14-26.	0.1	6
212	Photometric study of open clusters Berkeley 96, Berkeley 97, King 12, NGC 7261, NGC 7296 and NGC 7788. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 1102-1112.	1.6	6
213	Calibrating long-period variables as standard candles with machine learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 409-421.	1.6	6
214	The chemically distinct nucleus and structure of the S0 galaxy NGC 80. <i>Astronomy Reports</i> , 2003, 47, 88-98.	0.2	5
215	Stellar kinematics of dwarf galaxies from multi-epoch spectroscopy: application to Triangulum II. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 1706-1719.	1.6	5
216	The <i>Gaia</i> -ESO Survey: pre-main-sequence stars in the young open cluster NGC 3293. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 3305-3315.	1.6	4

#	ARTICLE	IF	CITATIONS
217	Electromagnetic counterparts to gravitational wave events from <i>Gaia</i> . Monthly Notices of the Royal Astronomical Society, 2020, 493, 3264-3273.	1.6	4
218	A Mystery in Chamaeleon: Serendipitous Discovery of a Galactic Symbiotic Nova. Astronomical Journal, 2020, 160, 125.	1.9	4
219	A PLAUSIBLE (OVERLOOKED) SUPER-LUMINOUS SUPERNOVA IN THE SLOAN DIGITAL SKY SURVEY STRIPE 82 DATA. Astrophysical Journal, 2013, 778, 168.	1.6	3
220	Signature of a Massive Rotating Metal-poor Star Imprinted in the Phoenix Stellar Stream*. Astrophysical Journal, 2021, 921, 67.	1.6	3
221	J01020100âˆ“7122208: an accreted evolved blue straggler that was not ejected from a supermassive black hole. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4637-4652.	1.6	2
222	Identifying RR Lyrae in the ZTF DR3 data set. Monthly Notices of the Royal Astronomical Society, 2022, 510, 3575-3588.	1.6	2
223	Two-point Separation Functions for Modeling Wide Binary Systems in Nearby Dwarf Galaxies. Astrophysical Journal, 2022, 929, 77.	1.6	2
224	Near-Field Cosmology with RR Lyrae Variable Stars: A First View of Substructure in the Southern Sky. Proceedings of the International Astronomical Union, 2015, 11, 338-339.	0.0	1
225	A fork in the Sagittarius trailing debris. Monthly Notices of the Royal Astronomical Society, 0, , stw3255.	1.6	1
226	Uniform modelling of the stellar density of thirteen tidal streams within the Galactic halo. Monthly Notices of the Royal Astronomical Society, 2022, 514, 1757-1781.	1.6	1
227	Storing and accessing the largest astronomical catalogues with the SAI CAS project. Proceedings of the International Astronomical Union, 2006, 2, 586-586.	0.0	0
228	The Photometry of Poorly Studied Open Star Clusters in the Milky Way. AIP Conference Proceedings, 2007, , .	0.3	0
229	Searching for clusters and streams in large photometric surveys. , 2008, , .		0
230	Investigation of star clusters found in the 2mass catalog. Proceedings of the International Astronomical Union, 2009, 5, 402-402.	0.0	0
231	Ground based follow-up for Gaia Science Alerts: First results. EAS Publications Series, 2014, 67-68, 295-298.	0.3	0
232	Constraining the shape of Milky Way satellites with distance gradients. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	0