

Streams, Substructures, and the Early History of the Milky Way

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Citation Report

#	ARTICLE	IF	CITATIONS
1	New constraints on the mass of fermionic dark matter from dwarf spheroidal galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1188-1201.	1.6	25
2	Kraken reveals itself – the merger history of the Milky Way reconstructed with the E-MOSAICS simulations. Monthly Notices of the Royal Astronomical Society, 2020, 498, 2472-2491.	1.6	147
3	Exploring the origin of low-metallicity stars in Milky-Way-like galaxies with the NIHAO-UHD simulations. Monthly Notices of the Royal Astronomical Society, 2020, 500, 3750-3762.	1.6	30
4	Milky Way. , 2021, , 1-2.		1
5	LAMOST’s view on the Gaia-Sausage-Enceladus merger event. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	2.0	0
6	The formation history of the Milky Way disc with high-resolution cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2021, 502, 2251-2265.	1.6	5
7	Dynamically Tagged Groups of Very Metal-poor Halo Stars from the HK and Hamburg/ESO Surveys. Astrophysical Journal, 2021, 907, 10.	1.6	41
8	A Blueprint for the Milky Way’s Stellar Populations. II. Improved Isochrone Calibration in the SDSS and Pan-STARRS Photometric Systems. Astrophysical Journal, 2021, 907, 101.	1.6	9
9	The kinematics of globular cluster populations in the E-MOSAICS simulations and their implications for the assembly history of the Milky Way. Monthly Notices of the Royal Astronomical Society, 2021, 503, 31-58.	1.6	22
10	An enquiry on the origins of N-rich stars in the inner Galaxy based on APOGEE chemical compositions. Monthly Notices of the Royal Astronomical Society, 2021, 504, 1657-1667.	1.6	9
11	The Star Formation History of Eridanus II: On the Role of Supernova Feedback in the Quenching of Ultrafaint Dwarf Galaxies*. Astrophysical Journal, 2021, 909, 192.	1.6	26
12	Milky Way archaeology using RR Lyrae and type II Cepheids. Astronomy and Astrophysics, 2021, 648, A78.	2.1	10
13	VINTERGATAN – II. The history of the Milky Way told by its mergers. Monthly Notices of the Royal Astronomical Society, 2021, 503, 5846-5867.	1.6	41
14	Targeting Bright Metal-poor Stars in the Disk and Halo Systems of the Galaxy. Astrophysical Journal, 2021, 913, 11.	1.6	18
15	Chronologically dating the early assembly of the Milky Way. Nature Astronomy, 2021, 5, 640-647.	4.2	61
16	Searching for Extragalactic Exoplanetary Systems: The Curious Case of BD+20 2457. Astrophysical Journal Letters, 2021, 913, L3.	3.0	5
17	The GALAH+ survey: Third data release. Monthly Notices of the Royal Astronomical Society, 2021, 506, 150-201.	1.6	293
18	Abundance Patterns of $\hat{I}\pm$ and Neutron-capture Elements in the Helmi Stream. Astrophysical Journal Letters, 2021, 913, L28.	3.0	21

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19	Neutron star mergers as the astrophysical site of the r-process in the Milky Way and its satellite galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 5862-5883.	1.6	24
20	The GALAH survey: accreted stars also inhabit the Spite plateau. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 43-54.	1.6	11
21	G 112-43/44: A metal-poor binary star with a unique chemical composition and Helmi stream kinematics. <i>Astronomy and Astrophysics</i> , 2021, 651, A57.	2.1	7
22	Origin of metals in old Milky Way halo stars based on GALAH and Gaia. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 5410-5429.	1.6	10
23	Elemental Abundances in M31: Gradients in the Giant Stellar Stream*. <i>Astronomical Journal</i> , 2021, 162, 45.	1.9	16
24	Searching for Dwarf Galaxies in Gaia DR2 Phase-space Data Using Wavelet Transforms. <i>Astrophysical Journal</i> , 2021, 915, 48.	1.6	5
25	Which Milky Way masses are consistent with the slightly declining 5â€“25 kpc rotation curve?. <i>Astronomy and Astrophysics</i> , 2021, 654, A25.	2.1	13
26	VEXAS: VISTA EXtension to Auxiliary Surveys. <i>Astronomy and Astrophysics</i> , 2021, 651, A69.	2.1	4
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28	Age-dating Red Giant Stars Associated with Galactic Disk and Halo Substructures. <i>Astrophysical Journal</i> , 2021, 916, 88.	1.6	19
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30	The structure of the Milky Way based on unWISE 3.4âˆ“m integrated photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5246-5263.	1.6	9
31	Combining Astrometry and Elemental Abundances: The Case of the Candidate Pre-Gaia Halo Moving Groups G03-37, G18-39, and G21-22 [*] . <i>Astronomical Journal</i> , 2021, 162, 109.	1.9	3
32	Constraints on the Assembly History of the Milky Way's Smooth, Diffuse Stellar Halo from the Metallicity-dependent, Radially Dominated Velocity Anisotropy Profiles Probed with K Giants and BHB Stars Using LAMOST, SDSS/SEGUE, and Gaia. <i>Astrophysical Journal</i> , 2021, 919, 66.	1.6	23
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34	A New Set of Chisels for Galactic Archeology: Sc, V, and Zn as Taggers of Accreted Globular Clusters*. <i>Astrophysical Journal Letters</i> , 2021, 918, L32.	3.0	9
35	EC 22536âˆ“5304: a lead-rich and metal-poor long-period binary. <i>Astronomy and Astrophysics</i> , 2021, 653, A120.	2.1	9
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38	Directional Recoil Detection. <i>Annual Review of Nuclear and Particle Science</i> , 2021, 71, 189-224.	3.5	21
39	Microarcsecond Astrometry: Science Highlights from <i>Gaia</i>. <i>Annual Review of Astronomy and Astrophysics</i> , 2021, 59, 59-115.	8.1	28
40	The Milky Way, coming into focus: Precision astrometry probes its evolution and its dark matter. <i>Progress in Particle and Nuclear Physics</i> , 2021, 121, 103904.	5.6	8
41	The chemodynamics of prograde and retrograde Milky Way stars. <i>Astronomy and Astrophysics</i> , 2020, 643, A69.	2.1	20
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43	Jurassic: A chemically anomalous structure in the Galactic halo. <i>Astronomy and Astrophysics</i> , 2020, 644, A83.	2.1	21
44	The accreted nuclear clusters of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 2514-2524.	1.6	38
45	Probing the nature of dark matter with accreted globular cluster streams. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 179-200.	1.6	33
46	Proper motion measurements for stars up to 100 kpc with Subaru HSC and SDSS Stripe 82. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 5149-5175.	1.6	6
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48	The Southern Stellar Stream Spectroscopic Survey (S ⁵): Chemical Abundances of Seven Stellar Streams. <i>Astronomical Journal</i> , 2020, 160, 181.	1.9	53
49	Implications of a spatially resolved main sequence for the size evolution of star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 5842-5853.	1.6	1
50	The Abundance Pattern of $\hat{\pm}$ Elements in the Triangulum-Andromeda Overdensity. <i>Astrophysical Journal</i> , 2020, 901, 27.	1.6	4
51	Hunting Gravitational Wave Black Holes with Microlensing. <i>Astrophysical Journal</i> , 2020, 905, 121.	1.6	4
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53	Dwarf stellar haloes: a powerful probe of small-scale galaxy formation and the nature of dark matter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 4044-4059.	1.6	17
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60	Mass of the dynamically hot inner stellar halo predicts the ancient accreted stellar mass. <i>Astronomy and Astrophysics</i> , 2022, 660, A20.	2.1	15
61	Dynamically Tagged Groups of Metal-poor Stars from the Best and Brightest Survey. <i>Astrophysical Journal</i> , 2022, 926, 26.	1.6	20
62	Reconstructing the Last Major Merger of the Milky Way with the H3 Survey. <i>Astrophysical Journal</i> , 2021, 923, 92.	1.6	76
63	Stellar elemental abundances constraining nucleosynthesis and chemical evolution of the universe. <i>EPJ Web of Conferences</i> , 2022, 260, 07002.	0.1	0
64	Substructure at High Speed. I. Inferring the Escape Velocity in the Presence of Kinematic Substructure. <i>Astrophysical Journal</i> , 2022, 926, 188.	1.6	2
65	The Global Dynamical Atlas of the Milky Way Mergers: Constraints from Gaia EDR3-based Orbits of Globular Clusters, Stellar Streams, and Satellite Galaxies. <i>Astrophysical Journal</i> , 2022, 926, 107.	1.6	73
66	Star and Black Hole Formation at High Redshift. <i>Universe</i> , 2022, 8, 146.	0.9	0
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71	Overview of the LAMOST survey in the first decade. <i>Innovation(China)</i> , 2022, 3, 100224.	5.2	24
72	Galactic Archaeological Excavations (GALILEO). <i>Astronomy and Astrophysics</i> , 2022, 663, A126.	2.1	13
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74	Predicting the Water Content of Interstellar Objects from Galactic Star Formation Histories. <i>Astrophysical Journal Letters</i> , 2022, 924, L1.	3.0	4
75	Stars in the local galactic thick disc and halo in Gaia EDR3: a catalogue of half a million local main-sequence stars with photometric metallicities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 4308-4329.	1.6	5
77	Orbits of 47 dwarf satellite galaxies of the MilkyWay in three models of the gravitational potential with different masses. <i>Astronomical and Astrophysical Transactions</i> , 2021, , 177-206.	0.2	4
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82	A stellar clock reveals the assembly history of the Milky Way. <i>Nature</i> , 2022, 603, 580-581.	13.7	0
83	Visual cluster separation using high-dimensional sharpened dimensionality reduction. <i>Information Visualization</i> , 2022, 21, 197-219.	1.2	4
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85	Substructure in the stellar halo near the Sun. <i>Astronomy and Astrophysics</i> , 2022, 665, A58.	2.1	14
86	Substructure in the stellar halo near the Sun. <i>Astronomy and Astrophysics</i> , 2022, 665, A57.	2.1	17
87	A Young, Low-density Stellar Stream in the Milky Way Disk: Theia 456. <i>Astronomical Journal</i> , 2022, 163, 275.	1.9	10
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89	<i>Gaia</i> Data Release 3. <i>Astronomy and Astrophysics</i> , 2023, 674, A29.	2.1	71
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95	Kinematics and Metallicity of Red Giant Branch Stars in the Northeast Shelf of M31*. <i>Astronomical Journal</i> , 2022, 164, 20.	1.9	6
96	Introducing EMP- <i>Pathfinder</i> : modelling the simultaneous formation and evolution of stellar clusters in their host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 517, 3144-3180.	1.6	15
97	Non-LTE abundance corrections for late-type stars from 2000 Å.. to 3 Åµm. <i>Astronomy and Astrophysics</i> , 2022, 665, A33.	2.1	18
98	Dynamically Tagged Groups of Metal-poor Stars. II. The Radial Velocity Experiment Data Release 6. <i>Astrophysical Journal, Supplement Series</i> , 2022, 261, 19.	3.0	11
99	An Old, Metal-rich Accreted Stellar Component in the Milky Way Stellar Disk. <i>Astrophysical Journal</i> , 2022, 934, 21.	1.6	4
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103	Reconstructing the Disrupted Dwarf Galaxy Gaia-Sausage/Enceladus Using Its Stars and Globular Clusters. <i>Astrophysical Journal</i> , 2022, 935, 109.	1.6	25
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107	Gastro Library. I. The Simulated Chemodynamical Properties of Several Gaia-Sausage-Enceladus-like Stellar Halos. <i>Astrophysical Journal</i> , 2022, 937, 12.	1.6	23
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113	Titanium abundances in late-type stars. <i>Astronomy and Astrophysics</i> , 2022, 668, A103.	2.1	3
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116	Faint Stars in a Faint Galaxy. II. The Low-mass Stellar Initial Mass Function of the BoÃ¶tes I Ultrafaint Dwarf Spheroidal Galaxy. <i>Astrophysical Journal</i> , 2022, 939, 38.	1.6	1
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125	$<i>Gaia</i></math> DR3 view of dynamical substructure in the stellar halo near the Sun. Astronomy and Astrophysics, 2023, 670, L2.$	2.1	13
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164	Solar Neighborhood. , 2023, , 2786-2787.		0
165	Galactic Archaeology. , 2023, , 1111-1114.		0
176	Cosmic Radioactivity and Galactic Chemical Evolution. , 2023, , 3261-3343.		0