

The Galaxy in Context: Structural, Kinematic, and Integ

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Red Clump Stars. Annual Review of Astronomy and Astrophysics, 2016, 54, 95-133.	8.1	162
2	The Gaia mission. Astronomy and Astrophysics, 2016, 595, A1.	2.1	4,509
3	DETAILED ABUNDANCE ANALYSIS OF A METAL-POOR GIANT IN THE GALACTIC CENTER. Astrophysical Journal, 2016, 831, 40.	1.6	18
4	ESTIMATING DISTANCES FROM PARALLAXES. II. PERFORMANCE OF BAYESIAN DISTANCE ESTIMATORS ON A GAIA-LIKE CATALOGUE. Astrophysical Journal, 2016, 832, 137.	1.6	124
5	DAMPING OF THE MILKY WAY BAR BY MANIFOLD-DRIVEN SPIRALS. Astrophysical Journal Letters, 2016, 830, L20.	3.0	3
6	KINEMATICS IN THE GALACTIC BULGE WITH APOGEE. II. HIGH-ORDER KINEMATIC MOMENTS AND COMPARISON TO EXTRAGALACTIC BAR DIAGNOSTICS. Astrophysical Journal, 2016, 832, 132.	1.6	32
7	Constraining the Milky Way assembly history with Galactic Archaeology. Astronomische Nachrichten, 2016, 337, 703-726.	0.6	17
8	THE SHAPE OF THE INNER MILKY WAY HALO FROM OBSERVATIONS OF THE PAL 5 AND GDâ€“1 STELLAR STREAMS. Astrophysical Journal, 2016, 833, 31.	1.6	130
9	The axial zone of avoidance in the globular cluster system and the distance to the galactic center. Astronomy Letters, 2017, 43, 75-105.	0.1	1
10	An Update on Monitoring Stellar Orbits in the Galactic Center. Astrophysical Journal, 2017, 837, 30.	1.6	379
11	Galaxies Grow Their Bulges and Black Holes in Diverse Ways. Astrophysical Journal Letters, 2017, 837, L8.	3.0	47
12	A Milky Way with a massive, centrally concentrated thick disc: new Galactic mass models for orbit computations. Astronomy and Astrophysics, 2017, 598, A66.	2.1	41
13	Galactic Dark Matter Halos and Globular Cluster Populations. III. Extension to Extreme Environments. Astrophysical Journal, 2017, 836, 67.	1.6	110
14	Revisiting the Tale of Hercules: How Stars Orbiting the Lagrange Points Visit the Sun. Astrophysical Journal Letters, 2017, 840, L2.	3.0	85
15	Action-based Dynamical Modeling for the Milky Way Disk: The Influence of Spiral Arms. Astrophysical Journal, 2017, 839, 61.	1.6	11
16	The Proper Motion of Pyxis: The First Use of Adaptive Optics in Tandem with HST on a Faint Halo Object. Astrophysical Journal, 2017, 840, 30.	1.6	18
17	Markov Chain Monte Carlo Methods for Bayesian Data Analysis in Astronomy. Annual Review of Astronomy and Astrophysics, 2017, 55, 213-259.	8.1	183
18	New Classical Cepheids in the Inner Part of the Northern Galactic Disk, and Their Kinematics. Astrophysical Journal, 2017, 842, 104.	1.6	8

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19	Theoretical Challenges in Galaxy Formation. <i>Annual Review of Astronomy and Astrophysics</i> , 2017, 55, 59-109.	8.1	443
20	Diffuse Galactic antimatter from faint thermonuclear supernovae in old stellar populations. <i>Nature Astronomy</i> , 2017, 1, .	4.2	40
21	The history of the dark and luminous side of Milky Way-like progenitors. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 1101-1116.	1.6	31
22	Strongly baryon-dominated disk galaxies at the peak of galaxy formation ten billion years ago. <i>Nature</i> , 2017, 543, 397-401.	13.7	177
23	Farthest Neighbor: The Distant Milky Way Satellite Eridanus II*. <i>Astrophysical Journal</i> , 2017, 838, 8.	1.6	119
24	Staying away from the bar: the local dynamical signature of slow and fast bars in the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 1443-1453.	1.6	33
25	Architecture of the Andromeda galaxy: a quantitative analysis of clustering in the inner stellar halo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 4858-4865.	1.6	2
26	Probing the Outflowing Multiphase Gas $\sim 1/4$ kpc below the Galactic Center. <i>Astrophysical Journal, Supplement Series</i> , 2017, 232, 25.	3.0	24
27	Clustering of Local Group Distances: Publication Bias or Correlated Measurements? V. Galactic Rotation Constants. <i>Astrophysical Journal, Supplement Series</i> , 2017, 232, 22.	3.0	25
28	A guided map to the spiral arms in the galactic disk of the Milky Way. <i>The Astronomical Review</i> , 2017, 13, 113-146.	4.0	48
29	Gravitational Waves and Gamma-Rays from a Binary Neutron Star Merger: GW170817 and GRB 170817A. <i>Astrophysical Journal Letters</i> , 2017, 848, L13.	3.0	2,314
30	The structural evolution of galaxies with both thin and thick discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 2113-2132.	1.6	17
31	The age- α -metallicity structure of the Milky Way disc using APOGEE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 3057-3078.	1.6	123
32	Gaia Reveals a Metal-rich, in situ Component of the Local Stellar Halo. <i>Astrophysical Journal</i> , 2017, 845, 101.	1.6	142
33	<i>Gaia</i> FGK benchmark stars: opening the black box of stellar element abundance determination. <i>Astronomy and Astrophysics</i> , 2017, 601, A38.	2.1	46
34	Constraining the pitch angle of the galactic spiral arms in the Milky Way. <i>New Astronomy Reviews</i> , 2017, 79, 49-58.	5.2	27
35	The SAGA Survey. I. Satellite Galaxy Populations around Eight Milky Way Analogs. <i>Astrophysical Journal</i> , 2017, 847, 4.	1.6	165
36	Mind the Galactic bar. <i>Nature Astronomy</i> , 2017, 1, 571-572.	4.2	0

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38	Modeling dark matter subhalos in a constrained galaxy: Global mass and boosted annihilation profiles. Physical Review D, 2017, 95, .	1.6	41
39	Not so lumpy after all: modelling the depletion of dark matter subhaloes by Milky Way-like galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1709-1727.	1.6	242
40	Migration and kinematics in growing disc galaxies with thin and thick discs. Monthly Notices of the Royal Astronomical Society, 2017, 470, 3685-3706.	1.6	21
41	The population of planetary nebulae near the Galactic Centre: chemical abundances. Monthly Notices of the Royal Astronomical Society, 2017, 468, 272-290.	1.6	8
42	The Circumgalactic Medium. Annual Review of Astronomy and Astrophysics, 2017, 55, 389-432.	8.1	635
43	COS-burst: Observations of the Impact of Starburst-driven Winds on the Properties of the Circum-galactic Medium. Astrophysical Journal, 2017, 846, 151.	1.6	65
44	An artificial neural network to discover hypervelocity stars: candidates in Gaia DR1/TGAS. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1388-1403.	1.6	23
45	Recent advances in the determination of some Galactic constants in the Milky Way. Astrophysics and Space Science, 2017, 362, 1.	0.5	46
46	On the many ~ 3 -kiloparsec arms "shocked wave and nuclear rotation. Astrophysics and Space Science, 2017, 362, 1.	0.5	4
47	Two regimes of galaxy dynamics: mass models of NGC 5055 and DDO 154. Monthly Notices of the Royal Astronomical Society, 2017, 469, 3564-3575.	1.6	1
48	Small-Scale Challenges to the Λ CDM Paradigm. Annual Review of Astronomy and Astrophysics, 2017, 55, 343-387.	8.1	921
49	On the local stellar populations. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2610-2621.	1.6	36
50	Constraining the Galactic structure parameters with the XSTPS-GAC and SDSS photometric surveys. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2545-2556.	1.6	22
51	The mass distribution and gravitational potential of the Milky Way. Monthly Notices of the Royal Astronomical Society, 2017, 465, 76-94.	1.6	615
52	FOREST unbiased Galactic plane imaging survey with the Nobeyama 45m telescope (FUGIN). I. Project overview and initial results. Publication of the Astronomical Society of Japan, 2017, 69, .	1.0	124
53	Diverse stellar haloes in nearby Milky Way mass disc galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1491-1512.	1.6	90
54	Chemodynamical modelling of the galactic bulge and bar. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1233-1252.	1.6	45

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55	An astrometric and spectroscopic study of the δ Scuti variable HD 21190 and its wide companion CPD $\sim 83^\circ 64B$. Monthly Notices of the Royal Astronomical Society, 2017, 470, 3806-3818.	1.6	3
56	Galactic googly: the rotation-metallicity bias in the inner stellar halo of the Milky Way. Monthly Notices of the Royal Astronomical Society, 2017, 470, 2959-2971.	1.6	18
57	A unified model for the maximum mass scales of molecular clouds, stellar clusters and high-redshift clumps. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1282-1298.	1.6	78
58	Detailed Abundances for the Old Population near the Galactic Center. I. Metallicity Distribution of the Nuclear Star Cluster. Astronomical Journal, 2017, 154, 239.	1.9	39
59	PHAT. XIX. The Ancient Star Formation History of the M31 Disk. Astrophysical Journal, 2017, 846, 145.	1.6	69
60	Quantifying the (X/peanut)-shaped structure of the Milky Way - new constraints on the bar geometry. Monthly Notices of the Royal Astronomical Society, 2017, 471, 3988-4004.	1.6	21
61	The nature of massive transition galaxies in CANDELS, GAMA and cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2054-2084.	1.6	63
62	The Apache Point Observatory Galactic Evolution Experiment (APOGEE). Astronomical Journal, 2017, 154, 94.	1.9	1,065
63	H i Kinematics and Mass Distribution of Messier 33. Astronomical Journal, 2017, 154, 41.	1.9	40
64	Cosmic Rays and Non-thermal Emission Induced by Accretion of Cool Gas onto the Galactic Disk. Astrophysical Journal, 2017, 849, 22.	1.6	1
65	The accreted stellar halo as a window on halo assembly in L^* galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 469, L48-L52.	1.2	18
66	Determination of Dark Matter Halo Mass from Dynamics of Satellite Galaxies. Astrophysical Journal, 2017, 850, 116.	1.6	20
67	Revealing strong bias in common measures of galaxy properties using new inclination-independent structures. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 468, L31-L35.	1.2	12
68	Sample variance in the local measurements of the Hubble constant. Monthly Notices of the Royal Astronomical Society, 2017, 471, 4946-4955.	1.6	74
69	Stellar Populations of the Outer Milky-Way Halo. Proceedings of the International Astronomical Union, 2017, 13, 29-33.	0.0	0
70	Using N-body simulations to understand the chemo-dynamical evolution of the inner Milky Way. Proceedings of the International Astronomical Union, 2017, 13, 65-72.	0.0	1
71	Galactic Archeology with 4MOST. Proceedings of the International Astronomical Union, 2017, 13, 225-232.	0.0	7
72	Understanding the Galaxy. Proceedings of the International Astronomical Union, 2017, 14, 50-55.	0.0	0

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73	The DR14 APOGEE-TGAS catalogue: Precise chemo-kinematics in the extended solar vicinity. Proceedings of the International Astronomical Union, 2017, 13, 153-157.	0.0	1
74	The barred inner Milky Way: dynamical models from surveys. Proceedings of the International Astronomical Union, 2017, 13, 73-81.	0.0	0
75	The kinematic signature of the Galactic warp in <i>Gaia</i> DR1. Astronomy and Astrophysics, 2017, 601, A115.	2.1	20
76	Are sdAs helium core stars?. Open Astronomy, 2017, 26, .	0.2	4
77	Revised geometric estimates of the North Galactic Pole and the Sun's height above the Galactic mid-plane. Monthly Notices of the Royal Astronomical Society, 2017, 465, 472-481.	1.6	50
78	The "Building Blocks" of Stellar Halos. Galaxies, 2017, 5, 33.	1.1	4
79	Effects of galaxy "satellite interactions on bar formation. Astronomy and Astrophysics, 2017, 604, A75.	2.1	17
80	Separation of stellar populations by an evolving bar: implications for the bulge of the Milky Way. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1587-1611.	1.6	104
81	Using the multi-object adaptive optics demonstrator RAVEN to observe metal-poor stars in and towards the Galactic Centre. Monthly Notices of the Royal Astronomical Society, 2017, 465, 3536-3557.	1.6	16
82	Chemical evolution of the Galactic bulge as traced by microlensed dwarf and subgiant stars. Astronomy and Astrophysics, 2017, 605, A89.	2.1	135
83	Red giants observed by CoRoT and APOGEE: The evolution of the Milky Way's radial metallicity gradient. Astronomy and Astrophysics, 2017, 600, A70.	2.1	102
84	Barlenses and X-shaped features compared: two manifestations of boxy/peanut bulges. Astronomy and Astrophysics, 2017, 598, A10.	2.1	46
85	Mapping the Milky Way with LAMOST I: method and overview. Research in Astronomy and Astrophysics, 2017, 17, 096.	0.7	37
86	Using ground based data as a precursor for <i>Gaia</i> in getting proper motions of satellites. Proceedings of the International Astronomical Union, 2017, 12, 210-213.	0.0	0
87	Search for Galactic warp signal in <i>Gaia</i> DR1 proper motions. Proceedings of the International Astronomical Union, 2017, 12, 185-188.	0.0	0
88	Large-Scale Surveys of Pulsating Stars for Studying Stellar Populations in the Inner Galaxy. Proceedings of the International Astronomical Union, 2017, 13, 57-64.	0.0	1
89	Rediscovering the Galactic outer disk with LAMOST data. Proceedings of the International Astronomical Union, 2017, 13, 109-115.	0.0	5
90	Is the Galactic Spiral Potential 2- or 4-arms?. Proceedings of the International Astronomical Union, 2017, 13, 300-301.	0.0	0

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91	The oldest and most metal-poor stars in the APOSTLE Local Group simulations. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2212-2224.	1.6	67
92	Imprints of zero-age velocity dispersions and dynamical heating on the age-velocity dispersion relation. Publication of the Astronomical Society of Japan, 2017, 69, .	1.0	8
93	Jeans that fit: weighing the mass of the Milky Way analogues in the Λ CDM universe. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4434-4449.	1.6	9
94	StarHorse: a Bayesian tool for determining stellar masses, ages, distances, and extinctions for field stars. Monthly Notices of the Royal Astronomical Society, 2018, 476, 2556-2583.	1.6	141
95	Declining Rotation Curves at $z \approx 2$ in Λ CDM Galaxy Formation Simulations. Astrophysical Journal Letters, 2018, 854, L28.	3.0	22
96	The velocity ellipsoid in the Galactic disc using Gaia DR1. Monthly Notices of the Royal Astronomical Society, 2018, 474, 854-865.	1.6	22
97	Binary stars in the Galactic thick disc. Monthly Notices of the Royal Astronomical Society, 2018, 473, 2984-2999.	1.6	64
98	Geometric Aspects and Testing of the Galactic Center Distance Determination from Spiral Arm Segments. Astronomy Letters, 2018, 44, 81-102.	0.1	11
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100	The GALAH survey: properties of the Galactic disc(s) in the solar neighbourhood. Monthly Notices of the Royal Astronomical Society, 2018, 476, 5216-5232.	1.6	36
101	Metallicity gradient of the thick disc progenitor at high redshift. Monthly Notices of the Royal Astronomical Society, 2018, 473, 867-878.	1.6	14
102	The correlation between the sizes of globular cluster systems and their host dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2018, 477, 3869-3885.	1.6	31
103	A theoretical explanation for the Central Molecular Zone asymmetry. Monthly Notices of the Royal Astronomical Society, 2018, 475, 2383-2402.	1.6	64
104	The need for speed: escape velocity and dynamical mass measurements of the Andromeda galaxy. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4043-4054.	1.6	46
105	Astrophysical signatures of leptonium. European Physical Journal D, 2018, 72, 1.	0.6	6
106	The masses and metallicities of stellar haloes reflect galactic merger histories. Monthly Notices of the Royal Astronomical Society, 2018, 474, 5300-5318.	1.6	66
107	Mapping the Milky Way with LAMOST - II. The stellar halo. Monthly Notices of the Royal Astronomical Society, 2018, 473, 1244-1257.	1.6	26
108	Local stellar kinematics from RAVE data - VIII. Effects of the Galactic disc perturbations on stellar orbits of red clump stars. Astrophysics and Space Science, 2018, 363, 1.	0.5	4

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110	Global Properties of M31's Stellar Halo from the SPLASH Survey. III. Measuring the Stellar Velocity Dispersion Profile. Astrophysical Journal, 2018, 852, 128.	1.6	28
111	Searching for the 3.5 keV Line in the Deep Fields with Chandra: The 10 Ms Observations. Astrophysical Journal, 2018, 854, 179.	1.6	51
112	A general theory for the lifetimes of giant molecular clouds under the influence of galactic dynamics. Monthly Notices of the Royal Astronomical Society, 2018, 476, 3688-3715.	1.6	60
113	The Density Profile and Kinematics of the Milky Way with RR Lyrae Stars. Astrophysical Journal, 2018, 855, 126.	1.6	7
114	Blowing in the Milky Way Wind: Neutral Hydrogen Clouds Tracing the Galactic Nuclear Outflow. Astrophysical Journal, 2018, 855, 33.	1.6	54
115	Order out of Randomness: Self-Organization Processes in Astrophysics. Space Science Reviews, 2018, 214, 1.	3.7	38
116	Galactic bulge preferred over dark matter for the Galactic centre gamma-ray excess. Nature Astronomy, 2018, 2, 387-392.	4.2	92
117	Stellar Evolution and Modelling Stars. Thirty Years of Astronomical Discovery With UKIRT, 2018, , 3-25.	0.3	2
118	Asteroseismology of Red Giants and Galactic Archaeology. Thirty Years of Astronomical Discovery With UKIRT, 2018, , 95-117.	0.3	0
119	The Orbit and Origin of the Ultra-faint Dwarf Galaxy Segue 1. Astrophysical Journal, 2018, 860, 164.	1.6	15
120	The Proper Motion Field of the Small Magellanic Cloud: Kinematic Evidence for Its Tidal Disruption. Astrophysical Journal, 2018, 864, 55.	1.6	70
121	Stellar Mass Distribution and Star Formation History of the Galactic Disk Revealed by Mono-age Stellar Populations from LAMOST. Astrophysical Journal, Supplement Series, 2018, 237, 33.	3.0	36
122	Chemo-kinematics of the Milky Way from the SDSS-III MARVELS survey. Monthly Notices of the Royal Astronomical Society, 2018, 481, 3244-3265.	1.6	24
123	Population Syntheses of Millisecond Pulsars from the Galactic Disk and Bulge. Astrophysical Journal, 2018, 863, 199.	1.6	26
124	Gaia DR1 Evidence of Disrupting the Perseus Arm. Astrophysical Journal Letters, 2018, 853, L23.	3.0	27
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126	The distribution of stars around the Milky Way's central black hole. Astronomy and Astrophysics, 2018, 609, A26.	2.1	72

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128	Numerical Study of Statistical Properties of the Galactic Center Distance Estimate from the Geometry of Spiral Arm Segments. <i>Astronomy Letters</i> , 2018, 44, 699-719.	0.1	2
129	Models of rotating coronae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 3370-3381.	1.6	13
130	The fraction of dark matter within galaxies from the IllustrisTNG simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 1950-1975.	1.6	97
131	Model of the Galaxy with Hot Dark Matter. <i>Open Astronomy</i> , 2018, 27, 294-302.	0.2	2
132	Bootes III is a Disrupting Dwarf Galaxy Associated with the Styx Stellar Stream. <i>Astrophysical Journal</i> , 2018, 865, 7.	1.6	28
133	The Missing Satellite Problem Outside of the Local Group. I. Pilot Observation. <i>Astrophysical Journal</i> , 2018, 865, 125.	1.6	16
134	The black hole retention fraction in star clusters. <i>Astronomy and Astrophysics</i> , 2018, 617, A69.	2.1	11
135	Structure and kinematics of Type II Cepheids in the Galactic bulge based on near-infrared VVV data. <i>Astronomy and Astrophysics</i> , 2018, 619, A51.	2.1	18
136	Isochrone ages for $\sim 1/3$ million stars with the second Gaia data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 4093-4110.	1.6	106
137	Old, Metal-poor Extreme Velocity Stars in the Solar Neighborhood*. <i>Astrophysical Journal</i> , 2018, 866, 121.	1.6	42
138	<i>Gaia</i> DR2 proper motions of dwarf galaxies within 420 kpc. <i>Astronomy and Astrophysics</i> , 2018, 619, A103.	2.1	200
139	The Missing Satellites of the Magellanic Clouds? Gaia Proper Motions of the Recently Discovered Ultra-faint Galaxies. <i>Astrophysical Journal</i> , 2018, 867, 19.	1.6	111
140	An Ultra Metal-poor Star Near the Hydrogen-burning Limit*. <i>Astrophysical Journal</i> , 2018, 867, 98.	1.6	30
141	The Mira-based Distance to the Galactic Center. <i>Astrophysical Journal</i> , 2018, 865, 47.	1.6	11
142	Star formation history and metallicity in the Galactic inner bulge revealed by the red giant branch bump. <i>Astronomy and Astrophysics</i> , 2018, 620, A83.	2.1	32
143	Constraining Solar Position and Velocity with a nearby Hypervelocity Star. <i>Astrophysical Journal</i> , 2018, 869, 33.	1.6	10
144	The Origin of High-velocity Stars from Gaia and LAMOST. <i>Astrophysical Journal Letters</i> , 2018, 869, L31.	3.0	11

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145	Evidence of a Flat Outer Rotation Curve in a Star-bursting Disk Galaxy at $z \approx 1.6$. <i>Astrophysical Journal</i> , 2018, 869, 58.	1.6	17
146	Kinematics of Highly r-process-enhanced Field Stars: Evidence for an Accretion Origin and Detection of Several Groups from Disrupted Satellites. <i>Astronomical Journal</i> , 2018, 156, 179.	1.9	65
147	Spatial distribution of globular clusters in the Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 918-929.	1.6	10
148	The structure behind the Galactic bar traced by red clump stars in the VVV survey. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 481, L130-L135.	1.2	29
149	Sculpting Andromeda – made-to-measure models for M31’s bar and composite bulge: dynamics, stellar and dark matter mass. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 3210-3243.	1.6	28
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153	High-energy gamma-ray and neutrino production in star-forming galaxies across cosmic time: Difficulties in explaining the IceCube data. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	1.0	28
154	A VLBI Distance and Transverse Velocity for PSR B1913+16. <i>Astrophysical Journal</i> , 2018, 862, 139.	1.6	13
155	X-ray and SZ constraints on the properties of hot CGM. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 2909-2914.	1.6	19
156	Three Hypervelocity White Dwarfs in Gaia DR2: Evidence for Dynamically Driven Double-degenerate Double-detonation Type Ia Supernovae. <i>Astrophysical Journal</i> , 2018, 865, 15.	1.6	145
157	New transient Galactic bulge intermediate polar candidate XMMU J175035.2-293557. <i>Astronomy and Astrophysics</i> , 2018, 615, L7.	2.1	4
158	Mapping the Milky Way with LAMOST – III. Complicated spatial structure in the outer disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 3367-3379.	1.6	53
159	Barlenses in the CALIFA survey: Combining photometric and stellar population analyses. <i>Astronomy and Astrophysics</i> , 2018, 618, A34.	2.1	13
160	Exploring the production and depletion of lithium in the Milky Way stellar disk. <i>Astronomy and Astrophysics</i> , 2018, 615, A151.	2.1	41
161	Searching for a kinematic signature of the moderately metal-poor stars in the Milky Way bulge using N-body simulations. <i>Astronomy and Astrophysics</i> , 2018, 615, A100.	2.1	9
162	Aurigaia: mock Gaia DR2 stellar catalogues from the auriga cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 1726-1743.	1.6	44

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164	The disc origin of the Milky Way bulge. <i>Astronomy and Astrophysics</i> , 2018, 616, A180.	2.1	52
165	The Extended Distribution of Baryons around Galaxies. <i>Astrophysical Journal</i> , 2018, 862, 3.	1.6	97
166	From Nuclei to the Cosmos: Tracing Heavy-Element Production with the Oldest Stars. <i>Annual Review of Nuclear and Particle Science</i> , 2018, 68, 237-269.	3.5	106
167	OGLE-2016-BLG-1266: A Probable Brown Dwarf/Planet Binary at the Deuterium Fusion Limit. <i>Astrophysical Journal</i> , 2018, 858, 107.	1.6	11
168	Galactic Archeology with the AEGIS Survey: The Evolution of Carbon and Iron in the Galactic Halo. <i>Astrophysical Journal</i> , 2018, 861, 146.	1.6	52
169	SMHASH: anatomy of the Orphan Stream using RR Lyrae stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 570-587.	1.6	14
170	MOND simulation suggests an origin for some peculiarities in the Local Group. <i>Astronomy and Astrophysics</i> , 2018, 614, A59.	2.1	53
171	The merger debris of dwarf galaxies in the local stellar halo. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 38-41.	0.0	0
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