

Timothy Beers

List of Publications by Year in descending order

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Version: 2024-02-01

243
papers

34,108
citations

9264

74
h-index

3407

183
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243
all docs

243
docs citations

243
times ranked

12473
citing authors

#	ARTICLE	IF	CITATIONS
1	Silicon and strontium abundances of very metal-poor stars determined from near-infrared spectra. Publication of the Astronomical Society of Japan, 2022, 74, 273-282.	2.5	3
2	Erratum "Milky Way Tomography with the SkyMapper Southern Survey. II. Photometric Recalibration of SMSS DR2" (2021, ApJ, 907, 68). Astrophysical Journal, 2022, 924, 141.	4.5	1
3	J-PLUS: Stellar parameters, C, N, Mg, Ca, and $[C/Fe]$ abundances for two million stars from DR1. Astronomy and Astrophysics, 2022, 659, A181.	5.1	15
4	Determination of Sodium Abundance Ratio from Low-resolution Stellar Spectra and Its Applications. Astrophysical Journal, 2022, 925, 35.	4.5	4
5	Beyond Spectroscopy. I. Metallicities, Distances, and Age Estimates for Over 20 Million Stars from SMSS DR2 and Gaia EDR3. Astrophysical Journal, 2022, 925, 164.	4.5	23
6	Data Release 2 of S-PLUS: Accurate template-fitting based photometry covering $\sim 1/4$ of the sky in 12 optical filters. Monthly Notices of the Royal Astronomical Society, 2022, 511, 4590-4618.	4.4	16
7	Stellar Loci. V. Photometric Metallicities of 27 Million FGK Stars Based on Gaia Early Data Release 3. Astrophysical Journal, Supplement Series, 2022, 258, 44.	7.7	18
8	Dynamically Tagged Groups of Metal-poor Stars from the Best and Brightest Survey. Astrophysical Journal, 2022, 926, 26.	4.5	20
9	Metal-poor Stars Observed with the Southern African Large Telescope II. An Extended Sample. Astrophysical Journal, 2022, 927, 13.	4.5	7
10	The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data. Astrophysical Journal, Supplement Series, 2022, 259, 35.	7.7	405
11	SEGUE-2: Old Milky Way Stars Near and Far. Astrophysical Journal, Supplement Series, 2022, 259, 60.	7.7	22
12	Is Terzan 5 the remnant of a building block of the Galactic bulge? Evidence from APOGEE. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3429-3443.	4.4	1
13	The R-process Alliance: A Nearly Complete R-process Abundance Template Derived from Ultraviolet Spectroscopy of the R-process-enhanced Metal-poor Star HD 222925*. Astrophysical Journal, Supplement Series, 2022, 260, 27.	7.7	32
14	Chemical Cartography with APOGEE: Mapping Disk Populations with a 2-process Model and Residual Abundances. Astrophysical Journal, Supplement Series, 2022, 260, 32.	7.7	15
15	Milky Way Tomography with the SkyMapper Southern Survey. II. Photometric Recalibration of SMSS DR2. Astrophysical Journal, 2021, 907, 68.	4.5	25
16	Dynamically Tagged Groups of Very Metal-poor Halo Stars from the HK and Hamburg/ESO Surveys. Astrophysical Journal, 2021, 907, 10.	4.5	41
17	The R-Process Alliance: Chemodynamically Tagged Groups of Halo r-process-enhanced Stars Reveal a Shared Chemical-evolution History. Astrophysical Journal, 2021, 908, 79.	4.5	34
18	VVV CL001: Likely the Most Metal-poor Surviving Globular Cluster in the Inner Galaxy. Astrophysical Journal Letters, 2021, 908, L42.	8.3	25

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19	A Blueprint for the Milky Way's Stellar Populations. II. Improved Isochrone Calibration in the SDSS and Pan-STARRS Photometric Systems. <i>Astrophysical Journal</i> , 2021, 907, 101.	4.5	9
20	The Parallax Zero-point of Gaia Early Data Release 3 from LAMOST Primary Red Clump Stars. <i>Astrophysical Journal Letters</i> , 2021, 910, L5.	8.3	42
21	Searching for r-process-enhanced stars in the LAMOST survey I: the method. <i>Research in Astronomy and Astrophysics</i> , 2021, 21, 036.	1.7	4
22	Homogeneous analysis of globular clusters from the APOGEE survey with the BACCHUS code – III. $\bar{\omega}$ Cen. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 1645-1660.	4.4	15
23	Evidence for Multiple Accretion Events in the Gaia-Sausage/Enceladus Structures. <i>Astrophysical Journal Letters</i> , 2021, 911, L21.	8.3	6
24	Targeting Bright Metal-poor Stars in the Disk and Halo Systems of the Galaxy. <i>Astrophysical Journal</i> , 2021, 913, 11.	4.5	18
25	The Photometric Metallicity and Carbon Distributions of the Milky Way's Halo and Solar Neighborhood from S-PLUS Observations of SDSS Stripe 82. <i>Astrophysical Journal</i> , 2021, 912, 147.	4.5	25
26	Two Populations of Carbon-enhanced Metal-poor Stars in the Disk System of the Milky Way. <i>Astrophysical Journal</i> , 2021, 914, 100.	4.5	7
27	APOGEE-2S Discovery of Light- and Heavy-element Abundance Correlations in the Bulge Globular Cluster NGC 6380. <i>Astrophysical Journal Letters</i> , 2021, 918, L9.	8.3	9
28	A Blueprint for the Milky Way's Stellar Populations. III. Spatial Distributions and Population Fractions of Local Halo Stars. <i>Astrophysical Journal</i> , 2021, 918, 74.	4.5	12
29	APOGEE-2 Discovery of a Large Population of Relatively High-metallicity Globular Cluster Debris. <i>Astrophysical Journal Letters</i> , 2021, 918, L37.	8.3	7
30	Double-lined Spectroscopic Binaries in the APOGEE DR16 and DR17 Data. <i>Astronomical Journal</i> , 2021, 162, 184.	4.7	40
31	SDSS-IV MaStar: theoretical atmospheric parameters for the MaNGA stellar library. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 4308-4329.	4.4	6
32	APOGEE Chemical Abundance Patterns of the Massive Milky Way Satellites. <i>Astrophysical Journal</i> , 2021, 923, 172.	4.5	64
33	Characterizing r-Process Sites through Actinide Production. <i>Journal of Physics: Conference Series</i> , 2020, 1668, 012020.	0.4	2
34	Close Binary Companions to APOGEE DR16 Stars: 20,000 Binary-star Systems Across the Color-Magnitude Diagram. <i>Astrophysical Journal</i> , 2020, 895, 2.	4.5	74
35	The Lazy Giants: APOGEE Abundances Reveal Low Star Formation Efficiencies in the Magellanic Clouds. <i>Astrophysical Journal</i> , 2020, 895, 88.	4.5	77
36	The Metallicity Gradient and Complex Formation History of the Outermost Halo of the Milky Way. <i>Astrophysical Journal</i> , 2020, 894, 34.	4.5	13

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37	Insights into the Formation and Evolution History of the Galactic Disk System. <i>Astrophysical Journal</i> , 2020, 896, 14.	4.5	7
38	The Stellar Velocity Distribution Function in the Milky Way Galaxy. <i>Astronomical Journal</i> , 2020, 160, 43.	4.7	18
39	The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 3.	7.7	826
40	A Blueprint for the Milky Way's Stellar Populations: The Power of Large Photometric and Astrometric Surveys. <i>Astrophysical Journal</i> , 2020, 897, 39.	4.5	28
41	Dynamical Relics of the Ancient Galactic Halo. <i>Astrophysical Journal</i> , 2020, 891, 39.	4.5	94
42	From the bulge to the outer disc: StarHorse stellar parameters, distances, and extinctions for stars in APOGEE DR16 and other spectroscopic surveys. <i>Astronomy and Astrophysics</i> , 2020, 638, A76.	5.1	116
43	Jurassic: A chemically anomalous structure in the Galactic halo. <i>Astronomy and Astrophysics</i> , 2020, 644, A83.	5.1	21
44	Identification of a Group III CEMP-no Star in the Dwarf Spheroidal Galaxy Canes Venatici I. <i>Astrophysical Journal</i> , 2020, 894, 7.	4.5	19
45	The R-Process Alliance: A Very Metal-poor, Extremely r-process-enhanced Star with $[Eu/Fe] = +2.2$, and the Class of r-II Stars*. <i>Astrophysical Journal</i> , 2020, 898, 40.	4.5	11
46	The R-process Alliance: The Peculiar Chemical Abundance Pattern of RAVE J183013.5+455510*. <i>Astrophysical Journal</i> , 2020, 897, 78.	4.5	24
47	The R-Process Alliance: First Magellan/MIKE Release from the Southern Search for R-process-enhanced Stars*. <i>Astrophysical Journal</i> , 2020, 898, 150.	4.5	46
48	Stellar Parameters for the First Release of the MaStar Library: An Empirical Approach. <i>Astrophysical Journal</i> , 2020, 899, 62.	4.5	6
49	Exploring the Stellar Age Distribution of the Milky Way Bulge Using APOGEE. <i>Astrophysical Journal</i> , 2020, 901, 109.	4.5	28
50	Cosmological Insights into the Early Accretion of r-process-enhanced Stars. I. A Comprehensive Chemodynamical Analysis of LAMOST J1109+0754. <i>Astrophysical Journal</i> , 2020, 903, 88.	4.5	25
51	Metal-poor Stars Observed with the Southern African Large Telescope. <i>Astrophysical Journal</i> , 2020, 905, 20.	4.5	15
52	The R-Process Alliance: Fourth Data Release from the Search for r-process-enhanced Stars in the Galactic Halo. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 30.	7.7	61
53	A Low-mass Stellar-debris Stream Associated with a Globular Cluster Pair in the Halo. <i>Astrophysical Journal Letters</i> , 2020, 898, L37.	8.3	55
54	Detection of Pb II in the Ultraviolet Spectra of Three Metal-poor Stars*. <i>Astrophysical Journal Letters</i> , 2020, 902, L24.	8.3	10

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55	Discovery of a Large Population of Nitrogen-enhanced Stars in the Magellanic Clouds. <i>Astrophysical Journal Letters</i> , 2020, 903, L17.	8.3	20
56	Abundance Analysis of New r-process-enhanced Stars from the HESPA“COMPA Survey. <i>Astrophysical Journal</i> , 2020, 899, 22.	4.5	4
57	The Southern Photometric Local Universe Survey (S-PLUS): improved SEDs, morphologies, and redshifts with 12 optical filters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 241-267.	4.4	92
58	Dependence of Galactic Halo Kinematics on the Adopted Galactic Potential. <i>Astrophysical Journal</i> , 2019, 882, 176.	4.5	9
59	Discovery of a New Stellar Subpopulation Residing in the (Inner) Stellar Halo of the Milky Way. <i>Astrophysical Journal Letters</i> , 2019, 886, L8.	8.3	28
60	Chemodynamics of newly identified giants with a globular cluster like abundance patterns in the bulge, disc, and halo of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 2864-2880.	4.4	38
61	APOGEE DR14/DR15 Abundances in the Inner Milky Way. <i>Astrophysical Journal</i> , 2019, 870, 138.	4.5	51
62	The R-Process Alliance: Discovery of a Low- α , r-process-enhanced Metal-poor Star in the Galactic Halo. <i>Astrophysical Journal</i> , 2019, 874, 148.	4.5	18
63	Abundances and kinematics of carbon-enhanced metal-poor stars in the Galactic halo. <i>Astronomy and Astrophysics</i> , 2019, 623, A128.	5.1	37
64	VVV Survey of Blue Horizontal Branch Stars in the Bulge“Halo Transition Region of the Milky Way. <i>Astrophysical Journal</i> , 2019, 872, 206.	4.5	8
65	The R-Process Alliance: Spectroscopic Follow-up of Low-metallicity Star Candidates from the Best & Brightest Survey. <i>Astrophysical Journal</i> , 2019, 870, 122.	4.5	21
66	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 23.	7.7	299
67	The assembly history of the Galactic inner halo inferred from α -element patterns. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 1745-1756.	4.4	16
68	APOGEE [C/N] Abundances across the Galaxy: Migration and Infall from Red Giant Ages. <i>Astrophysical Journal</i> , 2019, 871, 181.	4.5	25
69	Actinide Production in the Neutron-rich Ejecta of a Neutron Star Merger. <i>Astrophysical Journal</i> , 2019, 870, 23.	4.5	62
70	J-PLUS: The Javalambre Photometric Local Universe Survey. <i>Astronomy and Astrophysics</i> , 2019, 622, A176.	5.1	124
71	J-PLUS: Identification of low-metallicity stars with artificial neural networks using SPHINX. <i>Astronomy and Astrophysics</i> , 2019, 622, A182.	5.1	38
72	Origin of the CEMP-no Group Morphology in the Milky Way. <i>Astrophysical Journal</i> , 2019, 878, 97.	4.5	26

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73	Chemical Cartography. II. The Assembly History of the Galactic Stellar Halo Traced by Carbon-enhanced Metal-poor Stars. <i>Astrophysical Journal</i> , 2019, 885, 102.	4.5	23
74	Constraints on the Galactic Inner Halo Assembly History from the Age Gradient of Blue Horizontal-branch Stars. <i>Astrophysical Journal</i> , 2019, 884, 67.	4.5	12
75	SDSS-IV MaStar: A Large and Comprehensive Empirical Stellar Spectral Library—First Release. <i>Astrophysical Journal</i> , 2019, 883, 175.	4.5	67
76	Evidence for the Third Stellar Population in the Milky Way’s Disk. <i>Astrophysical Journal</i> , 2019, 887, 22.	4.5	39
77	StarHorse: a Bayesian tool for determining stellar masses, ages, distances, and extinctions for field stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 2556-2583.	4.4	141
78	Disentangling the Galactic Halo with APOGEE. II. Chemical and Star Formation Histories for the Two Distinct Populations. <i>Astrophysical Journal</i> , 2018, 852, 50.	4.5	53
79	The formation of the heaviest elements. <i>Physics Today</i> , 2018, 71, 30-37.	0.3	25
80	Disentangling the Galactic Halo with APOGEE. I. Chemical and Kinematical Investigation of Distinct Metal-poor Populations. <i>Astrophysical Journal</i> , 2018, 852, 49.	4.5	123
81	An orbit fit to likely Hermus Stream stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 2419-2430.	4.4	3
82	Stellar Multiplicity Meets Stellar Evolution and Metallicity: The APOGEE View. <i>Astrophysical Journal</i> , 2018, 854, 147.	4.5	100
83	The r-process Pattern of a Bright, Highly r-process-enhanced Metal-poor Halo Star at $[Fe/H] \sim -1.4$. <i>Astrophysical Journal Letters</i> , 2018, 854, L20.	8.3	38
84	The Metal-poor non-Sagittarius (?) Globular Cluster NGC 5053: Orbit and Mg, Al, and Si Abundances. <i>Astrophysical Journal</i> , 2018, 855, 38.	4.5	24
85	The Origin of the Milky Way’s Halo Age Distribution. <i>Astrophysical Journal Letters</i> , 2018, 859, L7.	8.3	13
86	The R-Process Alliance: First Release from the Northern Search for r-process-enhanced Metal-poor Stars in the Galactic Halo. <i>Astrophysical Journal</i> , 2018, 868, 110.	4.5	88
87	The Second APOKASC Catalog: The Empirical Approach. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 32.	7.7	183
88	The R-Process Alliance: A Comprehensive Abundance Analysis of HD 222925, a Metal-poor Star with an Extreme R-process Enhancement of $[Eu/H] \sim 0.14^*$. <i>Astrophysical Journal</i> , 2018, 865, 129.	4.5	49
89	The R-Process Alliance: 2MASS J09544277+5246414, the Most Actinide-enhanced R-II Star Known. <i>Astrophysical Journal Letters</i> , 2018, 859, L24.	8.3	64
90	The Origin of the 300 km s ⁻¹ Stream near Segue 1. <i>Astrophysical Journal</i> , 2018, 866, 42.	4.5	10

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91	The R-process Alliance: First Release from the Southern Search for R-process-enhanced Stars in the Galactic Halo*. Astrophysical Journal, 2018, 858, 92.	4.5	111
92	The R-Process Alliance: Chemical Abundances for a Trio of r-process-enhanced Starsâ€”One Strong, One Moderate, and One Mild*. Astrophysical Journal, 2018, 864, 43.	4.5	22
93	Galactic Archeology with the AEGIS Survey: The Evolution of Carbon and Iron in the Galactic Halo. Astrophysical Journal, 2018, 861, 146.	4.5	52
94	The central spheroids of Milky Way mass-sized galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 473, 1656-1666.	4.4	21
95	Disk-like Chemistry of the Triangulum-Andromeda Overdensity as Seen by APOGEE. Astrophysical Journal Letters, 2018, 859, L8.	8.3	24
96	Spectroscopic Validation of Low-metallicity Stars from RAVE. Astronomical Journal, 2018, 155, 256.	4.7	32
97	The R-Process Alliance: Discovery of the First Metal-poor Star with a Combined r- and s-process Element Signature*. Astrophysical Journal, 2018, 862, 174.	4.5	24
98	The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the Extended Baryon Oscillation Spectroscopic Survey and from the Second Phase of the Apache Point Observatory Galactic Evolution Experiment. Astrophysical Journal, Supplement Series, 2018, 235, 42.	7.7	796
99	Chemical Composition of Two Bright, Extremely Metal-poor Stars from the SDSS MARVELS Pre-survey. Astrophysical Journal, 2018, 859, 114.	4.5	9
100	Chemical Cartography. I. A Carbonicity Map of the Galactic Halo. Astrophysical Journal, 2017, 836, 91.	4.5	34
101	Timing the Evolution of the Galactic Disk with NGC 6791: An Open Cluster with Peculiar High- α Chemistry as Seen by APOGEE. Astrophysical Journal, 2017, 842, 49.	4.5	22
102	BRIGHT METAL-POOR STARS FROM THE HAMBURG/ESO SURVEY. II. A CHEMODYNAMICAL ANALYSIS. Astrophysical Journal, 2017, 835, 81.	4.5	48
103	Chemical trends in the Galactic halo from APOGEE data. Monthly Notices of the Royal Astronomical Society, 2017, 465, 1586-1600.	4.4	27
104	Light curves of the neutron star merger GW170817/SSS17a: Implications for r-process nucleosynthesis. Science, 2017, 358, 1570-1574.	12.6	517
105	APOGEE Chemical Abundances of the Sagittarius Dwarf Galaxy. Astrophysical Journal, 2017, 845, 162.	4.5	68
106	Atypical Mg-poor Milky Way Field Stars with Globular Cluster Second-generation-like Chemical Patterns. Astrophysical Journal Letters, 2017, 846, L2.	8.3	66
107	RAVE J203843.2â€”002333: The First Highly R-process-enhanced Star Identified in the RAVE Survey[*]. Astrophysical Journal, 2017, 844, 18.	4.5	48
108	APOGEE chemical abundances of globular cluster giants in the inner Galaxy. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1010-1018.	4.4	71

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109	The 13th Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey Mapping Nearby Galaxies at Apache Point Observatory. <i>Astrophysical Journal, Supplement Series</i> , 2017, 233, 25.	7.7	406
110	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. <i>Astronomical Journal</i> , 2017, 154, 28.	4.7	1,100
111	Chemical tagging with APOGEE: discovery of a large population of N-rich stars in the inner Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 501-524.	4.4	150
112	High-resolution Spectroscopy of Extremely Metal-poor Stars from SDSS/SEGUE. III. Unevolved Stars with $[\text{Fe}/\text{H}] \approx -3.5$. <i>Astronomical Journal</i> , 2017, 154, 52.	4.7	27
113	Abundance Analysis for Extremely Metal-Poor Stars from SDSS/SEGUE. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 337-338.	0.0	0
114	Kinematic and Chemical Analysis of AEGIS Survey Stars. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 283-284.	0.0	0
115	Chemo-Kinematic Properties of the Galactic Disk with SEGUE G and K Dwarfs: Constraints on Formation. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 306-307.	0.0	0
116	Lifting the Veil on Ultra Metal-Poor Stars in the Outermost Halo. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 389-390.	0.0	0
117	Assembly of the Galactic Halo System Based on Carbon-Enhanced Metal-Poor Stars. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 327-328.	0.0	0
118	The Hamburg/ESO R-process Enhanced Star survey (HERES). <i>Astronomy and Astrophysics</i> , 2017, 607, A91.	5.1	47
119	The role of binaries in the enrichment of the early Galactic halo. <i>Astronomy and Astrophysics</i> , 2016, 586, A160.	5.1	83
120	OBSERVATIONAL CONSTRAINTS ON FIRST-STAR NUCLEOSYNTHESIS. I. EVIDENCE FOR MULTIPLE PROGENITORS OF CEMP-NO STARS. <i>Astrophysical Journal</i> , 2016, 833, 20.	4.5	143
121	OBSERVATIONAL CONSTRAINTS ON FIRST-STAR NUCLEOSYNTHESIS. II. SPECTROSCOPY OF AN ULTRA METAL-POOR CEMP-no STAR*. <i>Astrophysical Journal</i> , 2016, 833, 21.	4.5	56
122	The age structure of the Milky Way's halo. <i>Nature Physics</i> , 2016, 12, 1170-1176.	16.7	33
123	Abundance analysis of SDSS J134338.67+484426.6; an extremely metal-poor star from the MARVELS pre-survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 2648-2656.	4.4	13
124	The role of binaries in the enrichment of the early Galactic halo. <i>Astronomy and Astrophysics</i> , 2016, 588, A3.	5.1	114
125	Exploring the early Universe with extremely metal-poor stars. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 64-68.	0.0	0
126	ABUNDANCES, STELLAR PARAMETERS, AND SPECTRA FROM THE SDSS-III/APOGEE SURVEY. <i>Astronomical Journal</i> , 2015, 150, 148.	4.7	344

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127	THE FRACTIONS OF INNER- AND OUTER-HALO STARS IN THE LOCAL VOLUME. <i>Astrophysical Journal Letters</i> , 2015, 813, L28.	8.3	48
128	HUBBLE SPACE TELESCOPE NEAR-ULTRAVIOLET SPECTROSCOPY OF BRIGHT CEMP-S STARS. <i>Astrophysical Journal</i> , 2015, 812, 109.	4.5	33
129	APPLICATION OF THE SEGUE STELLAR PARAMETER PIPELINE TO LAMOST STELLAR SPECTRA. <i>Astronomical Journal</i> , 2015, 150, 187.	4.7	24
130	AN ELEMENTAL ASSAY OF VERY, EXTREMELY, AND ULTRA-METAL-POOR STARS. <i>Astrophysical Journal</i> , 2015, 807, 173.	4.5	115
131	THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III. <i>Astrophysical Journal, Supplement Series</i> , 2015, 219, 12.	7.7	1,877
132	High-resolution abundance analysis of very metal-poor r-I stars. <i>Astronomy and Astrophysics</i> , 2014, 565, A93.	5.1	64
133	Bayesian distances and extinctions for giants observed by Kepler and APOGEE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 2758-2776.	4.4	148
134	METAL-POOR STARS OBSERVED WITH THE MAGELLAN TELESCOPE. II. DISCOVERY OF FOUR STARS WITH $[Fe/H] \approx -3.5$. <i>Astrophysical Journal</i> , 2014, 781, 40.	4.5	51
135	CARBON-ENHANCED METAL-POOR STAR FREQUENCIES IN THE GALAXY: CORRECTIONS FOR THE EFFECT OF EVOLUTIONARY STATUS ON CARBON ABUNDANCES. <i>Astrophysical Journal</i> , 2014, 797, 21.	4.5	241
136	POPULATION STUDIES. XIII. A NEW ANALYSIS OF THE BIDELMAN-MACCONNELL "WEAK-METAL" STARS—CONFIRMATION OF METAL-POOR STARS IN THE THICK DISK OF THE GALAXY. <i>Astrophysical Journal</i> , 2014, 794, 58.	4.5	70
137	CARBON-ENHANCED METAL-POOR STARS: CEMP-S and CEMP-no SUBCLASSES IN THE HALO SYSTEM OF THE MILKY WAY. <i>Astrophysical Journal</i> , 2014, 788, 180.	4.5	63
138	A chemical signature of first-generation very massive stars. <i>Science</i> , 2014, 345, 912-915.	12.6	106
139	Stellar haloes of simulated Milky-Way-like galaxies: chemical and kinematic properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 3391-3400.	4.4	111
140	CARBON-ENHANCED METAL-POOR STARS IN SDSS/SEGUE. I. CARBON ABUNDANCE ESTIMATION AND FREQUENCY OF CEMP STARS. <i>Astronomical Journal</i> , 2013, 146, 132.	4.7	124
141	THE STELLAR METALLICITY DISTRIBUTION FUNCTION OF THE GALACTIC HALO FROM SDSS PHOTOMETRY. <i>Astrophysical Journal</i> , 2013, 763, 65.	4.5	113
142	THE MOST METAL-POOR STARS. II. CHEMICAL ABUNDANCES OF 190 METAL-POOR STARS INCLUDING 10 NEW STARS WITH $[Fe/H] \approx -3.5$, . <i>Astrophysical Journal</i> , 2013, 762, 26.	4.5	259
143	THE CASE FOR THE DUAL HALO OF THE MILKY WAY. <i>Astrophysical Journal</i> , 2012, 746, 34.	4.5	157
144	LAMOST Experiment for Galactic Understanding and Exploration (LEGUE) — The survey's science plan. <i>Research in Astronomy and Astrophysics</i> , 2012, 12, 735-754.	1.7	404

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145	THE NINTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2012, 203, 21.	7.7	1,158
146	Galactic Stellar Populations in the Era of the Sloan Digital Sky Survey and Other Large Surveys. <i>Annual Review of Astronomy and Astrophysics</i> , 2012, 50, 251-304.	24.3	118
147	INSIGHT INTO THE FORMATION OF THE MILKY WAY THROUGH COLD HALO SUBSTRUCTURE. III. STATISTICAL CHEMICAL TAGGING IN THE SMOOTH HALO. <i>Astrophysical Journal</i> , 2012, 749, 77.	4.5	32
148	SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. <i>Astronomical Journal</i> , 2011, 142, 72.	4.7	1,700
149	INSIGHT INTO THE FORMATION OF THE MILKY WAY THROUGH COLD HALO SUBSTRUCTURE. II. THE ELEMENTAL ABUNDANCES OF ECHOS. <i>Astrophysical Journal</i> , 2011, 734, 49.	4.5	28
150	Time-Resolved Spectroscopy with SDSS. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 289-290.	0.0	0
151	THE CHEMICAL ABUNDANCES OF STARS IN THE HALO (CASH) PROJECT. II. A SAMPLE OF 14 EXTREMELY METAL-POOR STARS,. <i>Astrophysical Journal</i> , 2011, 742, 54.	4.5	78
152	FORMATION AND EVOLUTION OF THE DISK SYSTEM OF THE MILKY WAY: $[\alpha/\text{Fe}]$ RATIOS AND KINEMATICS OF THE SEGUE G-DWARF SAMPLE. <i>Astrophysical Journal</i> , 2011, 738, 187.	4.5	200
153	THE $[\text{Fe}/\text{H}]$, $[\text{C}/\text{Fe}]$, AND $[\alpha/\text{Fe}]$ DISTRIBUTIONS OF THE BOÅ-TES I DWARF SPHEROIDAL GALAXY. <i>Astrophysical Journal</i> , 2011, 738, 51.	4.5	83
154	SEARCHES FOR METAL-POOR STARS FROM THE HAMBURG/ESO SURVEY USING THE CH <i><i>G</i></i> BAND. <i>Astronomical Journal</i> , 2011, 142, 188.	4.7	30
155	THE EIGHTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST DATA FROM SDSS-III. <i>Astrophysical Journal, Supplement Series</i> , 2011, 193, 29.	7.7	1,166
156	THE SEGUE STELLAR PARAMETER PIPELINE. V. ESTIMATION OF ALPHA-ELEMENT ABUNDANCE RATIOS FROM LOW-RESOLUTION SDSS/SEGUE STELLAR SPECTRA. <i>Astronomical Journal</i> , 2011, 141, 90.	4.7	133
157	LIGHT CURVE TEMPLATES AND GALACTIC DISTRIBUTION OF RR LYRAE STARS FROM SLOAN DIGITAL SKY SURVEY STRIPE 82. <i>Astrophysical Journal</i> , 2010, 708, 717-741.	4.5	174
158	STRUCTURE AND KINEMATICS OF THE STELLAR HALOS AND THICK DISKS OF THE MILKY WAY BASED ON CALIBRATION STARS FROM SLOAN DIGITAL SKY SURVEY DR7. <i>Astrophysical Journal</i> , 2010, 712, 692-727.	4.5	408
159	THE MILKY WAY TOMOGRAPHY WITH SDSS. III. STELLAR KINEMATICS. <i>Astrophysical Journal</i> , 2010, 716, 1-29.	4.5	185
160	MAPPING THE STELLAR STRUCTURE OF THE MILKY WAY THICK DISK AND HALO USING SEGUE PHOTOMETRY. <i>Astrophysical Journal</i> , 2010, 714, 663-674.	4.5	189
161	A SEARCH FOR UNRECOGNIZED CARBON-ENHANCED METAL-POOR STARS IN THE GALAXY. <i>Astronomical Journal</i> , 2010, 139, 1051-1065.	4.7	19
162	Abundance analysis of the Zinc enhanced metal-poor star BS 16920-017. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
163	GALACTIC GLOBULAR AND OPEN CLUSTERS IN THE SLOAN DIGITAL SKY SURVEY. II. TEST OF THEORETICAL STELLAR ISOCHRONES. <i>Astrophysical Journal</i> , 2009, 700, 523-544.	4.5	83
164	INSIGHT INTO THE FORMATION OF THE MILKY WAY THROUGH COLD HALO SUBSTRUCTURE. I. THE ECHOS OF MILKY WAY FORMATION. <i>Astrophysical Journal</i> , 2009, 703, 2177-2204.	4.5	84
165	SEGUE: A SPECTROSCOPIC SURVEY OF 240,000 STARS WITH $\langle [Fe/H] \rangle = -1.4$ TO -2.0 . <i>Astronomical Journal</i> , 2009, 137, 4377-4399.	4.7	905
166	Overcoming great barriers. <i>Nature Physics</i> , 2009, 5, 463-464.	16.7	2
167	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2009, 182, 543-558.	7.7	4,201
168	The Chemo-Dynamical History of the Milky Way as Revealed by SDSS/SEGUE. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 453-460.	0.0	1
169	Abundance Patterns Among Very Metal-Poor Stars in the Halo of the Galaxy: A Statistical Approach. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 412-413.	0.0	0
170	The Milky Way Halo and the First Stars: New Frontiers in Galactic Archaeology. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 184-184.	0.0	0
171	Searching for α -Process-Enhanced Metal-Poor Stars. <i>Publications of the Astronomical Society of Australia</i> , 2009, 26, 335-338.	3.4	1
172	A Search for Unrecognized Carbon-Enhanced Metal-Poor Stars. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 132-133.	0.0	0
173	Structure and Kinematics of the Stellar Halos and Thick Disks of the Milky Way Based on Calibration Stars from SDSS DR7. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 267-270.	0.0	0
174	Metallicity Mapping with g_{r1} Photometry: The Virgo Overdensity and the Halos of the Galaxy. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 127-130.	0.0	0
175	A spectroscopic survey of FHB stars near the south galactic pole. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 422-423.	0.0	0
176	Near-IR Spectroscopy of CEMP Stars with SOAR/OSIRIS. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 126-127.	0.0	0
177	The Sixth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal, Supplement Series</i> , 2008, 175, 297-313.	7.7	1,202
178	Searches for the Most Metal-Poor Candidates from SDSS and SEGUE. , 2008, , .		1
179	The Giants Stars HE 0107-5240 and HE 0557-4840 and New Searches for Metal-Poor Stars. , 2008, , .		0
180	New Results from Bright Metal-Poor Stars in the Hamburg/ESO Survey. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
181	Revised Parameter Estimates For The Most Metal-Poor Candidates In SDSS And SEGUE. , 2008, , .		0
182	Refined Estimates of Carbon Abundances for Carbon-Enhanced Metal-Poor Stars. , 2008, , .		0
183	CS 22876-032: The Most Metal-Poor Dwarfs. Abundances and 3D Effects. , 2008, , .		1
184	Fluorine in the Carbon-Enhanced Metal-Poor Star HE 1305+0132. AIP Conference Proceedings, 2008, , .	0.4	1
185	The Metal-Poor End of the Lithium Plateau. , 2008, , .		1
186	The Lithium-, r- and s-Enhanced Metal-Poor Giant HK-II 17435-00532. AIP Conference Proceedings, 2008, , .	0.4	0
187	Observations of Very Metal-Poor Stars in the Galaxy. AIP Conference Proceedings, 2008, , .	0.4	0
188	Lithium Abundances in Extremely Metal-Poor Turn-Off Stars. AIP Conference Proceedings, 2008, , .	0.4	1
189	The dichotomy of the halo of the Milky Way. AIP Conference Proceedings, 2008, , .	0.4	0
190	Relics of Primordial Star Formation: The Milky Way and Local Dwarfs. Proceedings of the International Astronomical Union, 2008, 4, 323-329.	0.0	0
191	SEGUE, and the future of large scale surveys of the Galaxy. Proceedings of the International Astronomical Union, 2008, 4, 461-468.	0.0	0
192	The Milky Way Tomography with SDSS. II. Stellar Metallicity. Astrophysical Journal, 2008, 684, 287-325.	4.5	456
193	Galactic Globular and Open Clusters in the Sloan Digital Sky Survey. I. Crowded-Field Photometry and Cluster Fiducial Sequences in <i>ugriz</i> . Astrophysical Journal, Supplement Series, 2008, 179, 326-354.	7.7	132
194	THE SEGUE STELLAR PARAMETER PIPELINE. I. DESCRIPTION AND COMPARISON OF INDIVIDUAL METHODS. Astronomical Journal, 2008, 136, 2022-2049.	4.7	417
195	THE SEGUE STELLAR PARAMETER PIPELINE. II. VALIDATION WITH GALACTIC GLOBULAR AND OPEN CLUSTERS. Astronomical Journal, 2008, 136, 2050-2069.	4.7	259
196	THE SEGUE STELLAR PARAMETER PIPELINE. III. COMPARISON WITH HIGH-RESOLUTION SPECTROSCOPY OF SDSS/SEGUE FIELD STARS. Astronomical Journal, 2008, 136, 2070-2082.	4.7	208
197	Variable Stars in the Newly Discovered Milky Way Dwarf Spheroidal Satellite Canes Venatici I. Astrophysical Journal, 2008, 674, L81-L84.	4.5	57
198	The stellar content of the Hamburg/ESO survey. Astronomy and Astrophysics, 2008, 484, 721-732.	5.1	143

#	ARTICLE	IF	CITATIONS
199	Carbon-enhanced Metal-poor Stars. I. Chemical Compositions of 26 Stars. <i>Astrophysical Journal</i> , 2007, 655, 492-521.	4.5	374
200	Fluorine in a Carbon-enhanced Metal-poor Star. <i>Astrophysical Journal</i> , 2007, 667, L81-L84.	4.5	38
201	Two stellar components in the halo of the Milky Way. <i>Nature</i> , 2007, 450, 1020-1025.	27.8	505
202	Bright Metal-poor Stars from the Hamburg/ESO Survey. I. Selection and Follow-up Observations from 329 Fields. <i>Astrophysical Journal</i> , 2006, 652, 1585-1603.	4.5	151
203	A Curious Milky Way Satellite in Ursa Major. <i>Astrophysical Journal</i> , 2006, 650, L41-L44.	4.5	283
204	Abundances in extremely metal-poor stars: comparison of the trends of abundance ratios in giants and turnoff stars. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 280-285.	0.0	0
205	A high-resolution spectral analysis of three carbon-enhanced metal-poor stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 372, 343-356.	4.4	68
206	Seeing stars. <i>Nature Physics</i> , 2006, 2, 511-512.	16.7	0
207	Estimation of Carbon Abundances in Metal-Poor Stars. I. Application to the Strong G-Band Stars of Beers, Preston, and Shtetman. <i>Astronomical Journal</i> , 2005, 130, 2804-2823.	4.7	50
208	The Binary Frequency Among Carbon-enhanced, s-process-rich, Metal-poor Stars. <i>Astrophysical Journal</i> , 2005, 625, 825-832.	4.5	247
209	Subaru/HDS Studies of r-Process Elements in Metal-Poor Stars from Near-UV Spectra. <i>Proceedings of the International Astronomical Union</i> , 2005, 1, 429-434.	0.0	0
210	Lithium abundances in extremely metal-poor unevolved stars. <i>Proceedings of the International Astronomical Union</i> , 2005, 1, 35-40.	0.0	0
211	The Metallicity Distribution Function of the Halo of the Milky Way. <i>Proceedings of the International Astronomical Union</i> , 2005, 1, 175-183.	0.0	6
212	Chemical Abundance Patterns of Extremely Metal-Poor Stars with $[\text{Fe}/\text{H}] \lesssim -3.5$. <i>Proceedings of the International Astronomical Union</i> , 2005, 1, 195-200.	0.0	1
213	The Hamburg/ESO R-process Enhanced Star survey (HERES): Abundances. <i>Proceedings of the International Astronomical Union</i> , 2005, 1, 201-206.	0.0	0
214	The new record holder for the most iron-poor star: HE 1327-2326, a dwarf or subgiant with $[\text{Fe}/\text{H}] \approx -5.4$. <i>Proceedings of the International Astronomical Union</i> , 2005, 1, 207-212.	0.0	3
215	Estimation of carbon abundances in metal-deficient stars. Application to the strong G-Band stars of Beers, Preston, & Shtetman. <i>Proceedings of the International Astronomical Union</i> , 2005, 1, 273-274.	0.0	0
216	Nucleosynthetic signatures of the first stars. <i>Nature</i> , 2005, 434, 871-873.	27.8	481

#	ARTICLE	IF	CITATIONS
217	The Discovery and Analysis of Very Metal-Poor Stars in the Galaxy. Annual Review of Astronomy and Astrophysics, 2005, 43, 531-580.	24.3	905
218	The Mass of the Galaxy from Large Samples of Field Horizontal-Branch Stars in the SDSS Early Data Release. Symposium - International Astronomical Union, 2004, 220, 195-200.	0.1	0
219	Physical Parameters of SDSS Stars, the Nature of the SDSS "Ring around the Galaxy"™, and the SEGUE Project. Publications of the Astronomical Society of Australia, 2004, 21, 207-211.	3.4	14
220	EFFICIENT SEARCHES FOR R -PROCESS-ENHANCED METAL-POOR STARS. , 2004, , .		0
221	EJECTA FROM PARAMETRIZED PROMPT EXPLOSION. , 2004, , .		0
222	SPECTROSCOPIC STUDIES OF R-PROCESS ELEMENTS IN VERY METAL-POOR STARS WITH SUBARU/HDS. , 2004, , .		0
223	THE r -PROCESS IN SUPERNOVA EXPLOSIONS FROM THE COLLAPSE OF ONeMg CORES. , 2004, , .		0
224	LIGHT ELEMENTS IN INHOMOGENEOUS EARLY GALAXY AND THEIR ASTROPHYSICAL INTERESTS. , 2003, , .		0
225	The Chemical Composition of Carbon-rich, Very Metal Poor Stars: A New Class of Mildly Carbon Rich Objects without Excess of Neutron-capture Elements. Astrophysical Journal, 2002, 567, 1166-1182.	4.5	115
226	Thorium and Uranium Chronometers Applied to CS 31082-001. Astrophysical Journal, 2002, 579, 626-638.	4.5	142
227	First stars. I. The extremer-element rich, iron-poor halo giant CS 31082-001. Astronomy and Astrophysics, 2002, 387, 560-579.	5.1	392
228	A stellar relic from the early Milky Way. Nature, 2002, 419, 904-906.	27.8	418
229	Metal Abundances and Kinematics of Bright Metal-poor Giants Selected from the LSE Survey: Implications for the Metal-weak Thick Disk. Astronomical Journal, 2002, 124, 931-948.	4.7	70
230	A Subaru/High Dispersion Spectrograph Study of Lead (Pb) Abundances in Eighty "rich, Metal-poor Stars. Astrophysical Journal, 2002, 580, 1149-1158.	4.5	165
231	Metallicity estimates for A-, F-, and G-type stars from the Edinburgh-Cape Blue Object Survey. Monthly Notices of the Royal Astronomical Society, 2001, 320, 451-464.	4.4	9
232	Kinematics of Metal-poor Stars in the Galaxy. III. Formation of the Stellar Halo and Thick Disk as Revealed from a Large Sample of Nonkinematically Selected Stars. Astronomical Journal, 2000, 119, 2843-2865.	4.7	545
233	Kinematics of Metal-poor Stars in the Galaxy. II. Proper Motions for a Large Nonkinematically Selected Sample. Astronomical Journal, 2000, 119, 2866-2881.	4.7	164
234	The Light Elements Be and B as Stellar Chronometers in the Early Galaxy. Symposium - International Astronomical Union, 2000, 198, 425-431.	0.1	8

#	ARTICLE	IF	CITATIONS
235	The Ideal Stars for Exploration of Early-Epoch 7Li Abundances. Symposium - International Astronomical Union, 2000, 198, 514-515.	0.1	0
236	The earliest phases of galaxy evolution: massive stars. Symposium - International Astronomical Union, 1999, 193, 734-735.	0.1	0
237	Estimation of Stellar Metal Abundance. II. A Recalibration of the C[CLC]a[/CLC] [CSC]ii[/CSC] K Technique, and the Autocorrelation Function Method. Astronomical Journal, 1999, 117, 981-1009.	4.7	129
238	A Dynamical and Kinematic Model of the Galactic Stellar Halo and Possible Implications for Galaxy Formation Scenarios. Astrophysical Journal, 1997, 481, 775-781.	4.5	59
239	Extremely Metal-poor Stars. I. Spectroscopic Data. Astrophysical Journal, Supplement Series, 1996, 107, 391.	7.7	44
240	A search for stars of very low metal abundance. II. Astronomical Journal, 1992, 103, 1987.	4.7	429
241	Measures of location and scale for velocities in clusters of galaxies - A robust approach. Astronomical Journal, 1990, 100, 32.	4.7	1,119
242	Estimation of stellar metal abundance. I - Calibration of the CA II K index. Astronomical Journal, 1990, 100, 849.	4.7	37
243	A search for stars of very low metal abundance. I. Astronomical Journal, 1985, 90, 2089.	4.7	246