Timothy Beers

List of Publications by Year
in descending order

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243 papers	34,108 citations	9264 74 h-index	3407 183 g-index
243 all docs	243 docs citations	243 times ranked	12473 citing authors

#	Article	IF	Citations
1	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. Astrophysical Journal, Supplement Series, 2009, 182, 543-558.	7.7	4,201
2	THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III. Astrophysical Journal, Supplement Series, 2015, 219, 12.	7.7	1,877
3	SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. Astronomical Journal, 2011, 142, 72.	4.7	1,700
4	The Sixth Data Release of the Sloan Digital Sky Survey. Astrophysical Journal, Supplement Series, 2008, 175, 297-313.	7.7	1,202
5	THE EIGHTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST DATA FROM SDSS-III. Astrophysical Journal, Supplement Series, 2011, 193, 29.	7.7	1,166
6	THE NINTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY. Astrophysical Journal, Supplement Series, 2012, 203, 21.	7.7	1,158
7	Measures of location and scale for velocities in clusters of galaxies - A robust approach. Astronomical Journal, 1990, 100, 32.	4.7	1,119
8	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. Astronomical Journal, 2017, 154, 28.	4.7	1,100
9	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
10	SEGUE: A SPECTROSCOPIC SURVEY OF 240,000 STARS WITHg= 14-20. Astronomical Journal, 2009, 137, 4377-4399.	4.7	905
11	The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. Astrophysical Journal, Supplement Series, 2020, 249, 3.	7.7	826
12	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
13	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
14	Light curves of the neutron star merger GW170817/SSS17a: Implications for r-process nucleosynthesis. Science, 2017, 358, 1570-1574.	12.6	517
15	Two stellar components in the halo of the Milky Way. Nature, 2007, 450, 1020-1025.	27.8	505
16	Nucleosynthetic signatures of the first stars. Nature, 2005, 434, 871-873.	27.8	481
17	The Milky Way Tomography with SDSS. II. Stellar Metallicity. Astrophysical Journal, 2008, 684, 287-325.	4.5	456
18	A search for stars of very low metal abundance. II. Astronomical Journal, 1992, 103, 1987.	4.7	429

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19	A stellar relic from the early Milky Way. Nature, 2002, 419, 904-906.	27.8	418
20	THE SEGUE STELLAR PARAMETER PIPELINE. I. DESCRIPTION AND COMPARISON OF INDIVIDUAL METHODS. Astronomical Journal, 2008, 136, 2022-2049.	4.7	417
21	STRUCTURE AND KINEMATICS OF THE STELLAR HALOS AND THICK DISKS OF THE MILKY WAY BASED ON CALIBRATION STARS FROM SLOAN DIGITAL SKY SURVEY DR7. Astrophysical Journal, 2010, 712, 692-727.	4.5	408
22	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. Astrophysical Journal, Supplement Series, 2017, 233, 25.	7.7	406
23	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
24	LAMOST Experiment for Galactic Understanding and Exploration (LEGUE) â€" The survey's science plan. Research in Astronomy and Astrophysics, 2012, 12, 735-754.	1.7	404
25	First stars. I. The extremer-element rich, iron-poor halo giant CSÂ31082-001. Astronomy and Astrophysics, 2002, 387, 560-579.	5.1	392
26	Carbonâ€enhanced Metalâ€poor Stars. I. Chemical Compositions of 26 Stars. Astrophysical Journal, 2007, 655, 492-521.	4.5	374
27	ABUNDANCES, STELLAR PARAMETERS, AND SPECTRA FROM THE SDSS-III/APOGEE SURVEY. Astronomical Journal, 2015, 150, 148.	4.7	344
28	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. Astrophysical Journal, Supplement Series, 2019, 240, 23.	7.7	299
29	A Curious Milky Way Satellite in Ursa Major. Astrophysical Journal, 2006, 650, L41-L44.	4.5	283
30	THE SEGUE STELLAR PARAMETER PIPELINE. II. VALIDATION WITH GALACTIC GLOBULAR AND OPEN CLUSTERS. Astronomical Journal, 2008, 136, 2050-2069.	4.7	259
31	THE MOST METAL-POOR STARS. II. CHEMICAL ABUNDANCES OF 190 METAL-POOR STARS INCLUDING 10 NEW STARS WITH [Fe/H] â©½ â€"3.5, ,. Astrophysical Journal, 2013, 762, 26.	4.5	259
32	The Binary Frequency Among Carbonâ€enhanced,sâ€Processâ€"rich, Metalâ€poor Stars. Astrophysical Journal, 2005, 625, 825-832.	4.5	247
33	A search for stars of very low metal abundance. I. Astronomical Journal, 1985, 90, 2089.	4.7	246
34	CARBON-ENHANCED METAL-POOR STAR FREQUENCIES IN THE GALAXY: CORRECTIONS FOR THE EFFECT OF EVOLUTIONARY STATUS ON CARBON ABUNDANCES. Astrophysical Journal, 2014, 797, 21.	4.5	241
35	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
36	FORMATION AND EVOLUTION OF THE DISK SYSTEM OF THE MILKY WAY: [Î±/Fe] RATIOS AND KINEMATICS OF THE SEGUE G-DWARF SAMPLE. Astrophysical Journal, 2011, 738, 187.	4.5	200

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37	MAPPING THE STELLAR STRUCTURE OF THE MILKY WAY THICK DISK AND HALO USING SEGUE PHOTOMETRY. Astrophysical Journal, 2010, 714, 663-674.	4.5	189
38	THE MILKY WAY TOMOGRAPHY WITH SDSS. III. STELLAR KINEMATICS. Astrophysical Journal, 2010, 716, 1-29.	4.5	185
39	The Second APOKASC Catalog: The Empirical Approach. Astrophysical Journal, Supplement Series, 2018, 239, 32.	7.7	183
40	LIGHT CURVE TEMPLATES AND GALACTIC DISTRIBUTION OF RR LYRAE STARS FROM SLOAN DIGITAL SKY SURVEY STRIPE 82. Astrophysical Journal, 2010, 708, 717-741.	4.5	174
41	A Subaru/High Dispersion Spectrograph Study of Lead (Pb) Abundances in Eightsâ€Process Elementâ€“rich, Metalâ€poor Stars. Astrophysical Journal, 2002, 580, 1149-1158.	4.5	165
42	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
43	THE CASE FOR THE DUAL HALO OF THE MILKY WAY. Astrophysical Journal, 2012, 746, 34.	4.5	157
44	Bright Metalâ€poor Stars from the Hamburg/ESO Survey. I. Selection and Followâ€up Observations from 329 Fields. Astrophysical Journal, 2006, 652, 1585-1603.	4.5	151
45	Chemical tagging with APOGEE: discovery of a large population of N-rich stars in the inner Galaxy. Monthly Notices of the Royal Astronomical Society, 2017, 465, 501-524.	4.4	150
46	Bayesian distances and extinctions for giants observed by Kepler and APOGEE. Monthly Notices of the Royal Astronomical Society, 2014, 445, 2758-2776.	4.4	148
47	OBSERVATIONAL CONSTRAINTS ON FIRST-STAR NUCLEOSYNTHESIS. I. EVIDENCE FOR MULTIPLE PROGENITORS OF CEMP-NO STARS. Astrophysical Journal, 2016, 833, 20.	4.5	143
48	The stellar content of the Hamburg/ESO survey. Astronomy and Astrophysics, 2008, 484, 721-732.	5.1	143
49	Thorium and Uranium Chronometers Applied to CS 31082â€001. Astrophysical Journal, 2002, 579, 626-638.	4.5	142
50	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.	4.4	141
51	THE SEGUE STELLAR PARAMETER PIPELINE. V. ESTIMATION OF ALPHA-ELEMENT ABUNDANCE RATIOS FROM LOW-RESOLUTION SDSS/SEGUE STELLAR SPECTRA. Astronomical Journal, 2011, 141, 90.	4.7	133
52	Galactic Globular and Open Clusters in the Sloan Digital Sky Survey. I. Crowdedâ€Field Photometry and Cluster Fiducial Sequences inugriz. Astrophysical Journal, Supplement Series, 2008, 179, 326-354.	7.7	132
53	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
54	CARBON-ENHANCED METAL-POOR STARS IN SDSS/SEGUE. I. CARBON ABUNDANCE ESTIMATION AND FREQUENCY OF CEMP STARS. Astronomical Journal, 2013, 146, 132.	4.7	124

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55	J-PLUS: The Javalambre Photometric Local Universe Survey. Astronomy and Astrophysics, 2019, 622, A176.	5.1	124
56	Disentangling the Galactic Halo with APOGEE. I. Chemical and Kinematical Investigation of Distinct Metal-poor Populations. Astrophysical Journal, 2018, 852, 49.	4.5	123
57	Galactic Stellar Populations in the Era of the Sloan Digital Sky Survey and Other Large Surveys. Annual Review of Astronomy and Astrophysics, 2012, 50, 251-304.	24.3	118
58	From the bulge to the outer disc: StarHorse stellar parameters, distances, and extinctions for stars in APOGEE DR16 and other spectroscopic surveys. Astronomy and Astrophysics, 2020, 638, A76.	5.1	116
59	The Chemical Composition of Carbonâ€rich, Very Metal Poor Stars: A New Class of Mildly Carbon Rich Objects without Excess of Neutronâ€Capture Elements. Astrophysical Journal, 2002, 567, 1166-1182.	4.5	115
60	AN ELEMENTAL ASSAY OF VERY, EXTREMELY, AND ULTRA-METAL-POOR STARS. Astrophysical Journal, 2015, 807, 173.	4.5	115
61	The role of binaries in the enrichment of the early Galactic halo. Astronomy and Astrophysics, 2016, 588, A3.	5.1	114
62	THE STELLAR METALLICITY DISTRIBUTION FUNCTION OF THE GALACTIC HALO FROM SDSS PHOTOMETRY. Astrophysical Journal, 2013, 763, 65.	4.5	113
63	Stellar haloes of simulated Milky-Way-like galaxies: chemical and kinematic properties. Monthly Notices of the Royal Astronomical Society, 2013, 432, 3391-3400.	4.4	111
64	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
65	A chemical signature of first-generation very massive stars. Science, 2014, 345, 912-915.	12.6	106
66	Stellar Multiplicity Meets Stellar Evolution and Metallicity: The APOGEE View. Astrophysical Journal, 2018, 854, 147.	4.5	100
67	Dynamical Relics of the Ancient Galactic Halo. Astrophysical Journal, 2020, 891, 39.	4.5	94
68	The Southern Photometric Local Universe Survey (S-PLUS): improved SEDs, morphologies, and redshifts with 12 optical filters. Monthly Notices of the Royal Astronomical Society, 2019, 489, 241-267.	4.4	92
69	The R-Process Alliance: First Release from the Northern Search for r-process-enhanced Metal-poor Stars in the Galactic Halo. Astrophysical Journal, 2018, 868, 110.	4.5	88
70	INSIGHT INTO THE FORMATION OF THE MILKY WAY THROUGH COLD HALO SUBSTRUCTURE. I. THE ECHOS OF MILKY WAY FORMATION. Astrophysical Journal, 2009, 703, 2177-2204.	4.5	84
71	GALACTIC GLOBULAR AND OPEN CLUSTERS IN THE SLOAN DIGITAL SKY SURVEY. II. TEST OF THEORETICAL STELLAR ISOCHRONES. Astrophysical Journal, 2009, 700, 523-544.	4.5	83
72	THE [Fe/H], [C/Fe], AND [Î±/Fe] DISTRIBUTIONS OF THE BOÃ–TES I DWARF SPHEROIDAL GALAXY. Astrophysical Journal, 2011, 738, 51.	4.5	83

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73	The role of binaries in the enrichment of the early Galactic halo. Astronomy and Astrophysics, 2016, 586, A160.	5.1	83
74	THE CHEMICAL ABUNDANCES OF STARS IN THE HALO (CASH) PROJECT. II. A SAMPLE OF 14 EXTREMELY METAL-POOR STARS,. Astrophysical Journal, 2011, 742, 54.	4.5	78
75	The Lazy Giants: APOGEE Abundances Reveal Low Star Formation Efficiencies in the Magellanic Clouds. Astrophysical Journal, 2020, 895, 88.	4.5	77
76	Close Binary Companions to APOGEE DR16 Stars: 20,000 Binary-star Systems Across the Colorâ€“Magnitude Diagram. Astrophysical Journal, 2020, 895, 2.	4.5	74
77	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
78	POPULATION STUDIES. XIII. A NEW ANALYSIS OF THE BIDELMAN-MACCONNELL â€œWEAK-METALâ€• STARSâ€”CONFIRMATION OF METAL-POOR STARS IN THE THICK DISK OF THE GALAXY. Astrophysical Journal, 2014, 794, 58.	4.5	70
79	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
80	A high-resolution spectral analysis of three carbon-enhanced metal-poor stars. Monthly Notices of the Royal Astronomical Society, 2006, 372, 343-356.	4.4	68
81	APOGEE Chemical Abundances of the Sagittarius Dwarf Galaxy. Astrophysical Journal, 2017, 845, 162.	4.5	68
82	SDSS-IV MaStar: A Large and Comprehensive Empirical Stellar Spectral Libraryâ€”First Release. Astrophysical Journal, 2019, 883, 175.	4.5	67
83	Atypical Mg-poor Milky Way Field Stars with Globular Cluster Second-generation-like Chemical Patterns. Astrophysical Journal Letters, 2017, 846, L2.	8.3	66
84	High-resolution abundance analysis of very metal-poor r-I stars. Astronomy and Astrophysics, 2014, 565, A93.	5.1	64
85	The R-Process Alliance: 2MASS J09544277+5246414, the Most Actinide-enhanced R-II Star Known. Astrophysical Journal Letters, 2018, 859, L24.	8.3	64
86	APOGEE Chemical Abundance Patterns of the Massive Milky Way Satellites. Astrophysical Journal, 2021, 923, 172.	4.5	64
87	CARBON-ENHANCED METAL-POOR STARS: CEMP-sand CEMP-no SUBCLASSES IN THE HALO SYSTEM OF THE MILKY WAY. Astrophysical Journal, 2014, 788, 180.	4.5	63
88	Actinide Production in the Neutron-rich Ejecta of a Neutron Star Merger. Astrophysical Journal, 2019, 870, 23.	4.5	62
89	TheR-Process Alliance: Fourth Data Release from the Search forR-process-enhanced Stars in the Galactic Halo. Astrophysical Journal, Supplement Series, 2020, 249, 30.	7.7	61
90	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

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91	Variable Stars in the Newly Discovered Milky Way Dwarf Spheroidal Satellite Canes Venatici I. Astrophysical Journal, 2008, 674, L81-L84.	4.5	57
92	OBSERVATIONAL CONSTRAINTS ON FIRST-STAR NUCLEOSYNTHESIS. II. SPECTROSCOPY OF AN ULTRA METAL-POOR CEMP-no STAR*. Astrophysical Journal, 2016, 833, 21.	4.5	56
93	A Low-mass Stellar-debris Stream Associated with a Globular Cluster Pair in the Halo. Astrophysical Journal Letters, 2020, 898, L37.	8.3	55
94	Disentangling the Galactic Halo with APOGEE. II. Chemical and Star Formation Histories for the Two Distinct Populations. Astrophysical Journal, 2018, 852, 50.	4.5	53
95	Galactic Archeology with the AEGIS Survey: The Evolution of Carbon and Iron in the Galactic Halo. Astrophysical Journal, 2018, 861, 146.	4.5	52
96	METAL-POOR STARS OBSERVED WITH THE MAGELLAN TELESCOPE. II. DISCOVERY OF FOUR STARS WITH [Fe/H] â©½ â€“3.5. Astrophysical Journal, 2014, 781, 40.	4.5	51
97	APOGEE DR14/DR15 Abundances in the Inner Milky Way. Astrophysical Journal, 2019, 870, 138.	4.5	51
98	Estimation of Carbon Abundances in Metal-Poor Stars. I. Application to the Strong G-Band Stars of Beers, Preston, and Shectman. Astronomical Journal, 2005, 130, 2804-2823.	4.7	50
99	The R-Process Alliance: A Comprehensive Abundance Analysis of HD 222925, a Metal-poor Star with an Extreme R-process Enhancement of [Eu/H]Â=Ââˆ'0.14*. Astrophysical Journal, 2018, 865, 129.	4.5	49
100	THE FRACTIONS OF INNER- AND OUTER-HALO STARS IN THE LOCAL VOLUME. Astrophysical Journal Letters, 2015, 813, L28.	8.3	48
101	BRIGHT METAL-POOR STARS FROM THE HAMBURG/ESO SURVEY. II. A CHEMODYNAMICAL ANALYSIS. Astrophysical Journal, 2017, 835, 81.	4.5	48
102	RAVE J203843.2â€“002333: The First Highly R-process-enhanced Star Identified in the RAVE Survey[*]. Astrophysical Journal, 2017, 844, 18.	4.5	48
103	The Hamburg/ESO R-process Enhanced Star survey (HERES). Astronomy and Astrophysics, 2017, 607, A91.	5.1	47
104	The R-Process Alliance: First Magellan/MIKE Release from the Southern Search for R-process-enhanced Stars*. Astrophysical Journal, 2020, 898, 150.	4.5	46
105	Extremely Metal-poor Stars. I. Spectroscopic Data. Astrophysical Journal, Supplement Series, 1996, 107, 391.	7.7	44
106	The Parallax Zero-point of Gaia Early Data Release 3 from LAMOST Primary Red Clump Stars. Astrophysical Journal Letters, 2021, 910, L5.	8.3	42
107	Dynamically Tagged Groups of Very Metal-poor Halo Stars from the HK and Hamburg/ESO Surveys. Astrophysical Journal, 2021, 907, 10.	4.5	41
108	Double-lined Spectroscopic Binaries in the APOGEE DR16 and DR17 Data. Astronomical Journal, 2021, 162, 184.	4.7	40

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109	Evidence for the Third Stellar Population in the Milky Wayâ€™s Disk. Astrophysical Journal, 2019, 887, 22.	4.5	39
110	Fluorine in a Carbon-enhanced Metal-poor Star. Astrophysical Journal, 2007, 667, L81-L84.	4.5	38
111	The r-process Pattern of a Bright, Highly r-process-enhanced Metal-poor Halo Star at [Fe/H]Âˆ¼Âˆ’2. Astrophysical Journal Letters, 2018, 854, L20.	8.3	38
112	Chemodynamics of newly identified giants with a globular cluster like abundance patterns in the bulge, disc, and halo of the Milky Way. Monthly Notices of the Royal Astronomical Society, 2019, 488, 2864-2880.	4.4	38
113	J-PLUS: Identification of low-metallicity stars with artificial neural networks using SPHINX. Astronomy and Astrophysics, 2019, 622, A182.	5.1	38
114	Abundances and kinematics of carbon-enhanced metal-poor stars in the Galactic halo. Astronomy and Astrophysics, 2019, 623, A128.	5.1	37
115	Estimation of stellar metal abundance. I - Calibration of the CA II K index. Astronomical Journal, 1990, 100, 849.	4.7	37
116	Chemical Cartography. I. A Carbonicity Map of the Galactic Halo. Astrophysical Journal, 2017, 836, 91.	4.5	34
117	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
118	HUBBLE SPACE TELESCOPENEAR-ULTRAVIOLET SPECTROSCOPY OF BRIGHT CEMP-sSTARS. Astrophysical Journal, 2015, 812, 109.	4.5	33
119	The age structure of the Milky Wayâ€™s halo. Nature Physics, 2016, 12, 1170-1176.	16.7	33
120	INSIGHT INTO THE FORMATION OF THE MILKY WAY THROUGH COLD HALO SUBSTRUCTURE. III. STATISTICAL CHEMICAL TAGGING IN THE SMOOTH HALO. Astrophysical Journal, 2012, 749, 77.	4.5	32
121	Spectroscopic Validation of Low-metallicity Stars from RAVE. Astronomical Journal, 2018, 155, 256.	4.7	32
122	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
123	SEARCHES FOR METAL-POOR STARS FROM THE HAMBURG/ESO SURVEY USING THE CHGBAND. Astronomical Journal, 2011, 142, 188.	4.7	30
124	INSIGHT INTO THE FORMATION OF THE MILKY WAY THROUGH COLD HALO SUBSTRUCTURE. II. THE ELEMENTAL ABUNDANCES OF ECHOS. Astrophysical Journal, 2011, 734, 49.	4.5	28
125	Discovery of a New Stellar Subpopulation Residing in the (Inner) Stellar Halo of the Milky Way. Astrophysical Journal Letters, 2019, 886, L8.	8.3	28
126	A Blueprint for the Milky Wayâ€™s Stellar Populations: The Power of Large Photometric and Astrometric Surveys. Astrophysical Journal, 2020, 897, 39.	4.5	28

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127	Exploring the Stellar Age Distribution of the Milky Way Bulge Using APOGEE. Astrophysical Journal, 2020, 901, 109.	4.5	28
128	Chemical trends in the Galactic halo from APOGEE data. Monthly Notices of the Royal Astronomical Society, 2017, 465, 1586-1600.	4.4	27
129	High-resolution Spectroscopy of Extremely Metal-poor Stars from SDSS/SEGUE. III. Unevolved Stars with [Fe/H] â‰² â˜’3.5*. Astronomical Journal, 2017, 154, 52.	4.7	27
130	Origin of the CEMP-no Group Morphology in the Milky Way. Astrophysical Journal, 2019, 878, 97.	4.5	26
131	The formation of the heaviest elements. Physics Today, 2018, 71, 30-37.	0.3	25
132	APOGEE [C/N] Abundances across the Galaxy: Migration and Infall from Red Giant Ages. Astrophysical Journal, 2019, 871, 181.	4.5	25
133	Milky Way Tomography with the SkyMapper Southern Survey. II. Photometric Recalibration of SMSS DR2. Astrophysical Journal, 2021, 907, 68.	4.5	25
134	VVV CL001: Likely the Most Metal-poor Surviving Globular Cluster in the Inner Galaxy. Astrophysical Journal Letters, 2021, 908, L42.	8.3	25
135	The Photometric Metallicity and Carbon Distributions of the Milky Wayâ€™s Halo and Solar Neighborhood from S-PLUS Observations of SDSS Stripe 82. Astrophysical Journal, 2021, 912, 147.	4.5	25
136	Cosmological Insights into the Early Accretion of r-process-enhanced Stars. I. A Comprehensive Chemodynamical Analysis of LAMOST J1109+0754. Astrophysical Journal, 2020, 903, 88.	4.5	25
137	APPLICATION OF THE SEGUE STELLAR PARAMETER PIPELINE TO LAMOST STELLAR SPECTRA. Astronomical Journal, 2015, 150, 187.	4.7	24
138	The Metal-poor non-Sagittarius (?) Globular Cluster NGC 5053: Orbit and Mg, Al, and Si Abundances. Astrophysical Journal, 2018, 855, 38.	4.5	24
139	Disk-like Chemistry of the Triangulum-Andromeda Overdensity as Seen by APOGEE. Astrophysical Journal Letters, 2018, 859, L8.	8.3	24
140	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
141	The R-process Alliance: The Peculiar Chemical Abundance Pattern of RAVE J183013.5â˜’455510*. Astrophysical Journal, 2020, 897, 78.	4.5	24
142	Chemical Cartography. II. The Assembly History of the Galactic Stellar Halo Traced by Carbon-enhanced Metal-poor Stars. Astrophysical Journal, 2019, 885, 102.	4.5	23
143	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
144	Timing the Evolution of the Galactic Disk with NGC 6791: An Open Cluster with Peculiar High-Î± Chemistry as Seen by APOGEE. Astrophysical Journal, 2017, 842, 49.	4.5	22

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145	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
146	SEGUE-2: Old Milky Way Stars Near and Far. Astrophysical Journal, Supplement Series, 2022, 259, 60.	7.7	22
147	The central spheroids of Milky Way mass-sized galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 473, 1656-1666.	4.4	21
148	The R-Process Alliance: Spectroscopic Follow-up of Low-metallicity Star Candidates from the Best & Brightest Survey. Astrophysical Journal, 2019, 870, 122.	4.5	21
149	Jurassic: A chemically anomalous structure in the Galactic halo. Astronomy and Astrophysics, 2020, 644, A83.	5.1	21
150	Discovery of a Large Population of Nitrogen-enhanced Stars in the Magellanic Clouds. Astrophysical Journal Letters, 2020, 903, L17.	8.3	20
151	Dynamically Tagged Groups of Metal-poor Stars from the Best and Brightest Survey. Astrophysical Journal, 2022, 926, 26.	4.5	20
152	A SEARCH FOR UNRECOGNIZED CARBON-ENHANCED METAL-POOR STARS IN THE GALAXY. Astronomical Journal, 2010, 139, 1051-1065.	4.7	19
153	Identification of a Group III CEMP-no Star in the Dwarf Spheroidal Galaxy Canes Venatici I. Astrophysical Journal, 2020, 894, 7.	4.5	19
154	The R-Process Alliance: Discovery of a Low-Î±, r-process-enhanced Metal-poor Star in the Galactic Halo. Astrophysical Journal, 2019, 874, 148.	4.5	18
155	The Stellar Velocity Distribution Function in the Milky Way Galaxy. Astronomical Journal, 2020, 160, 43.	4.7	18
156	Targeting Bright Metal-poor Stars in the Disk and Halo Systems of the Galaxy. Astrophysical Journal, 2021, 913, 11.	4.5	18
157	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
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