Carlos Allende Prieto

List of Publications by Year
in descending order

171 papers	30,464 citations	13099 68 h-index	5539 163 g-index
171 all docs	171 docs citations	171 times ranked	12117 citing authors

#	Article	IF	Citations
1	A stellar stream remnant of a globular cluster below the metallicity floor. Nature, 2022, 601, 45-48.	27.8	22
2	Interpolation of spectra from 3D model atmospheres. Astronomy and Astrophysics, 2022, 661, A76.	5.1	3
3	Fundamental physics with ESPRESSO: Precise limit on variations in the fine-structure constant towards the bright quasar HE 0515â^'4414. Astronomy and Astrophysics, 2022, 658, A123.	5.1	30
4	Strong CO absorption features in massive ETGs. Monthly Notices of the Royal Astronomical Society, 2022, 512, 378-400.	4.4	4
5	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
6	Detailed Chemical Abundances for a Benchmark Sample of M Dwarfs from the APOGEE Survey. Astrophysical Journal, 2022, 927, 123.	4.5	12
7	SEGUE-2: Old Milky Way Stars Near and Far. Astrophysical Journal, Supplement Series, 2022, 259, 60.	7.7	22
8	Accurate Metallicities for Very Metal-poor Stars from the Ca ii Infrared Triplet. Astrophysical Journal, 2022, 928, 173.	4.5	3
9	The GTC gains high spectral resolution. Nature Astronomy, 2021, 5, 105-105.	10.1	4
10	Analysis of Previously Classified White Dwarfâ€“Main-sequence Binaries Using Data from the APOGEE Survey. Astronomical Journal, 2021, 161, 143.	4.7	2
11	An extension of the MILES library with derived Teff, logâ€‰g, [Fe/H], and [Î±/Fe]. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4496-4514.	4.4	1
12	Probing 3D and NLTE models using APOGEE observations of globular cluster stars. Astronomy and Astrophysics, 2021, 647, A24.	5.1	5
13	sMILES: a library of semi-empirical MILES stellar spectra with variable [Î±/Fe] abundances. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2286-2311.	4.4	12
14	The APOGEE Data Release 16 Spectral Line List. Astronomical Journal, 2021, 161, 254.	4.7	72
15	Symbiotic Stars in the Apache Point Observatory Galactic Evolution Experiment Survey: The Case of LIN 358 and SMC N73 (LIN 445a). Astrophysical Journal, 2021, 918, 19.	4.5	3
16	HD 22496 b: The first ESPRESSO stand-alone planet discovery. Astronomy and Astrophysics, 2021, 654, A60.	5.1	6
17	Warm terrestrial planet with half the mass of Venus transiting a nearby star. Astronomy and Astrophysics, 2021, 653, A41.	5.1	46
18	Gaia Early Data Release 3. Astronomy and Astrophysics, 2021, 653, A160.	5.1	32

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19	Metallicity and Î±-Element Abundance Gradients along the Sagittarius Stream as Seen by APOGEE. Astrophysical Journal, 2020, 889, 63.	4.5	51
20	Chemical composition of the solar surface. Journal of Astrophysics and Astronomy, 2020, 41, 1.	1.0	1
21	A detailed non-LTE analysis of LB-1: Revised parameters and surface abundances. Astronomy and Astrophysics, 2020, 634, L7.	5.1	24
22	The Lazy Giants: APOGEE Abundances Reveal Low Star Formation Efficiencies in the Magellanic Clouds. Astrophysical Journal, 2020, 895, 88.	4.5	77
23	Stellar Characterization of M Dwarfs from the APOGEE Survey: A Calibrator Sample for M-dwarf Metallicities. Astrophysical Journal, 2020, 890, 133.	4.5	26
24	The Open Cluster Chemical Abundances and Mapping Survey. IV. Abundances for 128 Open Clusters Using SDSS/APOGEE DR16. Astronomical Journal, 2020, 159, 199.	4.7	86
25	The Stellar Velocity Distribution Function in the Milky Way Galaxy. Astronomical Journal, 2020, 160, 43.	4.7	18
26	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
27	The Extreme CNO-enhanced Composition of the Primitive Iron-poor Dwarf Star J0815+4729*. Astrophysical Journal Letters, 2020, 889, L13.	8.3	10
28	Signatures of the Galactic bar in high-order moments of proper motions measured by Gaia. Astronomy and Astrophysics, 2020, 634, A90.	5.1	2
29	ESPRESSO highlights the binary nature of the ultra-metal-poor giant HE 0107â˜'5240. Astronomy and Astrophysics, 2020, 633, A129.	5.1	5
30	NLTE for APOGEE: simultaneous multi-element NLTE radiative transfer. Astronomy and Astrophysics, 2020, 637, A80.	5.1	37
31	Benchmark stars, benchmark spectrographs. Astronomy and Astrophysics, 2020, 642, A182.	5.1	7
32	WASP-127b: a misaligned planet with a partly cloudy atmosphere and tenuous sodium signature seen by ESPRESSO. Astronomy and Astrophysics, 2020, 644, A155.	5.1	36
33	APOGEE Data and Spectral Analysis from SDSS Data Release 16: Seven Years of Observations Including First Results from APOGEE-South. Astronomical Journal, 2020, 160, 120.	4.7	266
34	Helium Enhancement in the Metal-rich Red Giants of Ï‰ Centauri. Astrophysical Journal, 2020, 897, 32.	4.5	4
35	Geometry of the Draco C1 Symbiotic Binary. Astrophysical Journal Letters, 2020, 900, L43.	8.3	7
36	White Dwarfs in Close Binaries: A Systematic Search for Mass-transfer Systems and Supernova Ia Progenitors in the APOGEE Survey. Research Notes of the AAS, 2020, 4, 127.	0.7	6

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37	Preliminary Target Selection for the DESI Milky Way Survey (MWS). Research Notes of the AAS, 2020, 4, 188.	0.7	38
38	Ca line formation in late-type stellar atmospheres. Astronomy and Astrophysics, 2019, 623, A103.	5.1	22
39	Chemical Abundances of Main-sequence, Turnoff, Subgiant, and Red Giant Stars from APOGEE Spectra. II. Atomic Diffusion in M67 Stars. Astrophysical Journal, 2019, 874, 97.	4.5	55
40	Identifying Sagittarius Stream Stars by Their APOGEE Chemical Abundance Signatures. Astrophysical Journal, 2019, 872, 58.	4.5	37
41	Gaia Data Release 2. Astronomy and Astrophysics, 2019, 622, A205.	5.1	164
42	Back to the Lithium Plateau with the [Fe/H]Â<Âˆ'6 Star J0023+0307^{â^—}. Astrophysical Journal Letters, 2019, 874, L21.	8.3	38
43	Chemical Cartography with APOGEE: Multi-element Abundance Ratios. Astrophysical Journal, 2019, 874, 102.	4.5	85
44	Homogeneous analysis of globular clusters from the APOGEE survey with the BACCHUS code. Astronomy and Astrophysics, 2019, 622, A191.	5.1	63
45	Machine learning in APOGEE. Astronomy and Astrophysics, 2019, 629, A34.	5.1	11
46	Radial Velocities in the Outermost Disk toward the Anticenter. Astronomical Journal, 2019, 157, 26.	4.7	9
47	The origin of accreted stellar halo populations in the Milky Way using APOGEE,Gaia, and the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2019, 482, 3426-3442.	4.4	199
48	J0023+0307: A Mega Metal-poor Dwarf Star from SDSS/BOSS*. Astrophysical Journal Letters, 2018, 854, L34.	8.3	44
49	Chemical Abundances of Main-sequence, Turnoff, Subgiant, and Red Giant Stars from APOGEE Spectra. I. Signatures of Diffusion in the Open Cluster M67. Astrophysical Journal, 2018, 857, 14.	4.5	52
50	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
51	Elemental Abundances of Kepler Objects of Interest in APOGEE. I. Two Distinct Orbital Period Regimes Inferred from Host Star Iron Abundances. Astronomical Journal, 2018, 155, 68.	4.7	58
52	The Bulge Metallicity Distribution from the APOGEE Survey. Astrophysical Journal, 2018, 852, 91.	4.5	36
53	Disentangling the Galactic Halo with APOGEE. I. Chemical and Kinematical Investigation of Distinct Metal-poor Populations. Astrophysical Journal, 2018, 852, 49.	4.5	123
54	J0815+4729: A Chemically Primitive Dwarf Star in the Galactic Halo Observed with Gran Telescopio Canarias[*]. Astrophysical Journal Letters, 2018, 852, L20.	8.3	29

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55	Stellar Multiplicity Meets Stellar Evolution and Metallicity: The APOGEE View. Astrophysical Journal, 2018, 854, 147.	4.5	100
56	Strategies for flux calibration in massive spectroscopic surveys. Proceedings of the International Astronomical Union, 2018, 14, 454-454.	0.0	0
57	The Origin of the 300 km s^{âˆ’1} Stream near Segue 1. Astrophysical Journal, 2018, 866, 42.	4.5	10
58	Machine learning in APOGEE. Astronomy and Astrophysics, 2018, 612, A98.	5.1	15
59	GaiaData Release 2. Astronomy and Astrophysics, 2018, 616, A5.	5.1	149
60	APOGEE Data Releases 13 and 14: Stellar Parameter and Abundance Comparisons with Independent Analyses. Astronomical Journal, 2018, 156, 126.	4.7	113
61	APOGEE Data Releases 13 and 14: Data and Analysis. Astronomical Journal, 2018, 156, 125.	4.7	220
62	12C/13C isotopic ratios in red-giant stars of the open cluster NGC 6791. Monthly Notices of the Royal Astronomical Society, 2018, 474, 4810-4817.	4.4	16
63	Disk stars in the Milky Way detected beyond 25 kpc from its center. Astronomy and Astrophysics, 2018, 612, L8.	5.1	21
64	Signatures of the Galactic bar on stellar kinematics unveiled by APOGEE. Monthly Notices of the Royal Astronomical Society, 2018, 478, 1231-1243.	4.4	6
65	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
66	Gaia Data Release 2. Astronomy and Astrophysics, 2018, 616, A6.	5.1	106
67	A collection of model stellar spectra for spectral types B to early-M. Astronomy and Astrophysics, 2018, 618, A25.	5.1	48
68	Chemical Abundances of M-Dwarfs from the Apogee Survey. I. The Exoplanet Hosting Stars Kepler-138 and Kepler-186. Astrophysical Journal, 2017, 835, 239.	4.5	56
69	NLTE ANALYSIS OF HIGH-RESOLUTION H-BAND SPECTRA. II. NEUTRAL MAGNESIUM*. Astrophysical Journal, 2017, 835, 90.	4.5	16
70	Galactic archaeology with asteroseismology and spectroscopy: Red giants observed by CoRoT and APOGEE. Astronomy and Astrophysics, 2017, 597, A30.	5.1	84
71	The Correlation between Mixing Length and Metallicity on the Giant Branch: Implications for Ages in the Gaia Era. Astrophysical Journal, 2017, 840, 17.	4.5	80
72	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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73	APOGEE Chemical Abundances of the Sagittarius Dwarf Galaxy. Astrophysical Journal, 2017, 845, 162.	4.5	68
74	Atypical Mg-poor Milky Way Field Stars with Globular Cluster Second-generation-like Chemical Patterns. Astrophysical Journal Letters, 2017, 846, L2.	8.3	66
75	WHT follow-up observations of extremely metal-poor stars identified from SDSS and LAMOST. Astronomy and Astrophysics, 2017, 605, A40.	5.1	33
76	Adding the s-Process Element Cerium to the APOGEE Survey: Identification and Characterization of Ce ii Lines in the H-band Spectral Window. Astrophysical Journal, 2017, 844, 145.	4.5	66
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	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
79	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. Astronomical Journal, 2017, 154, 28.	4.7	1,100
80	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
81	The Pristine survey â€“ I. Mining the Galaxy for the most metal-poor stars. Monthly Notices of the Royal Astronomical Society, 2017, 471, 2587-2604.	4.4	156
82	The Apache Point Observatory Galactic Evolution Experiment (APOGEE). Astronomical Journal, 2017, 154, 94.	4.7	1,065
83	New ultra metal-poor stars from SDSS: follow-up GTC medium-resolution spectroscopy. Astronomy and Astrophysics, 2017, 604, A9.	5.1	21
84	IMF and [Na/Fe] abundance ratios from optical and NIR spectral features in early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 464, 3597-3616.	4.4	56
85	Baadeâ€™s window and APOGEE. Astronomy and Astrophysics, 2017, 600, A14.	5.1	62
86	Cosmic variance in [O/Fe] in the Galactic disk. Astronomy and Astrophysics, 2016, 590, A74.	5.1	28
87	IDENTIFICATION OF NEODYMIUM IN THE APOGEE H-BAND SPECTRA. Astrophysical Journal, 2016, 833, 81.	4.5	51
88	NLTE ANALYSIS OF HIGH-RESOLUTION H-BAND SPECTRA. I. NEUTRAL SILICON*. Astrophysical Journal, 2016, 833, 137.	4.5	21
89	Automated pipelines for spectroscopic analysis. Astronomische Nachrichten, 2016, 337, 837-843.	1.2	4
90	ASPCAP: THE APOGEE STELLAR PARAMETER AND CHEMICAL ABUNDANCES PIPELINE. Astronomical Journal, 2016, 151, 144.	4.7	497

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91	CHEMICAL ABUNDANCES IN A SAMPLE OF RED GIANTS IN THE OPEN CLUSTER NGC 2420 FROM APOGEE. Astrophysical Journal, 2016, 830, 35.	4.5	27
92	Chemical abundance gradients from open clusters in the Milky Way disk: Results from the APOGEE survey. Astronomische Nachrichten, 2016, 337, 922-925.	1.2	37
93	Solar and stellar photospheric abundances. Living Reviews in Solar Physics, 2016, 13, 1.	22.0	39
94	REDSHIFT MEASUREMENT AND SPECTRAL CLASSIFICATION FOR eBOSS GALAXIES WITH THE REDMONSTER SOFTWARE. Astronomical Journal, 2016, 152, 205.	4.7	25
95	COMPANIONS TO APOGEE STARS. I. A MILKY WAY-SPANNING CATALOG OF STELLAR AND SUBSTELLAR COMPANION CANDIDATES AND THEIR DIVERSE HOSTS. Astronomical Journal, 2016, 151, 85.	4.7	68
96	Follow-up observations of extremely metal-poor stars identified from SDSS. Astronomy and Astrophysics, 2016, 593, A10.	5.1	26
97	ABUNDANCES, STELLAR PARAMETERS, AND SPECTRA FROM THE SDSS-III/APOGEE SURVEY. Astronomical Journal, 2015, 150, 148.	4.7	344
98	THE SDSS-III APOGEE SPECTRAL LINE LIST FOR H -BAND SPECTROSCOPY. Astrophysical Journal, Supplement Series, 2015, 221, 24.	7.7	137
99	THE DATA REDUCTION PIPELINE FOR THE APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT. Astronomical Journal, 2015, 150, 173.	4.7	306
100	Deep SDSS optical spectroscopy of distant halo stars. Astronomy and Astrophysics, 2015, 577, A81.	5.1	38
101	Evidence for a metal-poor population in the inner Galactic bulge. Astronomy and Astrophysics, 2015, 584, A45.	5.1	23
102	Young [Î±/Fe]-enhanced stars discovered by CoRoT and APOGEE: What is their origin?. Astronomy and Astrophysics, 2015, 576, L12.	5.1	130
103	SODIUM AND OXYGEN ABUNDANCES IN THE OPEN CLUSTER NGC 6791 FROM APOGEE H-BAND SPECTROSCOPY. Astrophysical Journal Letters, 2015, 798, L41.	8.3	62
104	CHEMICAL CARTOGRAPHY WITH APOGEE: METALLICITY DISTRIBUTION FUNCTIONS AND THE CHEMICAL STRUCTURE OF THE MILKY WAY DISK. Astrophysical Journal, 2015, 808, 132.	4.5	468
105	NEW H-BAND STELLAR SPECTRAL LIBRARIES FOR THE SDSS-III/APOGEE SURVEY. Astronomical Journal, 2015, 149, 181.	4.7	114
106	THE PUZZLING Li-RICH RED GIANT ASSOCIATED WITH NGC 6819. Astrophysical Journal, 2015, 802, 7.	4.5	27
107	EXPLORING ANTICORRELATIONS AND LIGHT ELEMENT VARIATIONS IN NORTHERN GLOBULAR CLUSTERS OBSERVED BY THE APOGEE SURVEY. Astronomical Journal, 2015, 149, 153.	4.7	133
108	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

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109	THE APOGEE SPECTROSCOPIC SURVEY OFKEPLERPLANET HOSTS: FEASIBILITY, EFFICIENCY, AND FIRST RESULTS. Astronomical Journal, 2015, 149, 143.	4.7	40
110	An equatorial ultra iron-poor star identified in BOSS. Astronomy and Astrophysics, 2015, 579, A98.	5.1	34
111	Deep SDSS optical spectroscopy of distant halo stars. Astronomy and Astrophysics, 2014, 568, A7.	5.1	60
112	Chemodynamics of the Milky Way. Astronomy and Astrophysics, 2014, 564, A115.	5.1	166
113	EXTINCTION MAPS TOWARD THE MILKY WAY BULGE: TWO-DIMENSIONAL AND THREE-DIMENSIONAL TESTS WITH APOGEE. Astronomical Journal, 2014, 148, 24.	4.7	45
114	THE APOKASC CATALOG: AN ASTEROSEISMIC AND SPECTROSCOPIC JOINT SURVEY OF TARGETS IN THE KEPLER FIELDS. Astrophysical Journal, Supplement Series, 2014, 215, 19.	7.7	268
115	NEW RED JEWELS IN COMA BERENICES. Astrophysical Journal, 2014, 782, 61.	4.5	17
116	CHEMICAL CARTOGRAPHY WITH APOGEE: LARGE-SCALE MEAN METALLICITY MAPS OF THE MILKY WAY DISK. Astronomical Journal, 2014, 147, 116.	4.7	134
117	THE APOGEE RED-CLUMP CATALOG: PRECISE DISTANCES, VELOCITIES, AND HIGH-RESOLUTION ELEMENTAL ABUNDANCES OVER A LARGE AREA OF THE MILKY WAY'S DISK. Astrophysical Journal, 2014, 790, 127.	4.5	181
118	TRACING CHEMICAL EVOLUTION OVER THE EXTENT OF THE MILKY WAY'S DISK WITH APOGEE RED CLUMP STARS. Astrophysical Journal, 2014, 796, 38.	4.5	181
119	THE TENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT. Astrophysical Journal, Supplement Series, 2014, 211, 17.	7.7	820
120	TheGaia-ESO Survey: the chemical structure of the Galactic discs from the first internal data release. Astronomy and Astrophysics, 2014, 572, A33.	5.1	103
121	TheGaia-ESO Survey: The analysis of high-resolution UVES spectra of FGK-type stars. Astronomy and Astrophysics, 2014, 570, A122.	5.1	165
122	Project overview and update on WEAVE: the next generation wide-field spectroscopy facility for the William Herschel Telescope. Proceedings of SPIE, 2014, , .	0.8	47
123	On the interpolation of model atmospheres and high-resolution synthetic stellar spectra. Monthly Notices of the Royal Astronomical Society, 2013, 430, 3285-3291.	4.4	17
124	CHEMICAL ABUNDANCES IN FIELD RED GIANTS FROM HIGH-RESOLUTIONH-BAND SPECTRA USING THE APOGEE SPECTRAL LINELIST. Astrophysical Journal, 2013, 765, 16.	4.5	107
125	OXYGEN ABUNDANCES IN NEARBY FGK STARS AND THE GALACTIC CHEMICAL EVOLUTION OF THE LOCAL DISK AND HALO. Astrophysical Journal, 2013, 764, 78.	4.5	198
126	TARGET SELECTION FOR THE APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT (APOGEE). Astronomical Journal, 2013, 146, 81.	4.7	312

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127	CALIBRATIONS OF ATMOSPHERIC PARAMETERS OBTAINED FROM THE FIRST YEAR OF SDSS-III APOGEE OBSERVATIONS. Astronomical Journal, 2013, 146, 133.	4.7	119
128	THE SDSS-III APOGEE RADIAL VELOCITY SURVEY OF M DWARFS. I. DESCRIPTION OF THE SURVEY AND SCIENCE GOALS. Astronomical Journal, 2013, 146, 156.	4.7	38
129	INFRARED LABORATORY OSCILLATOR STRENGTHS OF Fe I IN THEH-BAND. Astrophysical Journal, 2013, 779, 17.	4.5	26
130	DISCOVERY OF A DYNAMICAL COLD POINT IN THE HEART OF THE SAGITTARIUS dSph GALAXY WITH OBSERVATIONS FROM THE APOGEE PROJECT. Astrophysical Journal Letters, 2013, 777, L13.	8.3	32
131	VERY METAL-POOR STARS IN THE OUTER GALACTIC BULGE FOUND BY THE APOGEE SURVEY. Astrophysical Journal Letters, 2013, 767, L9.	8.3	49
132	THE OPEN CLUSTER CHEMICAL ANALYSIS AND MAPPING SURVEY: LOCAL GALACTIC METALLICITY GRADIENT WITH APOGEE USING SDSS DR10. Astrophysical Journal Letters, 2013, 777, L1.	8.3	92
133	NEW ATLAS9 AND MARCS MODEL ATMOSPHERE GRIDS FOR THE APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT (APOGEE). Astronomical Journal, 2012, 144, 120.	4.7	179
134	THE MILKY WAY'S CIRCULAR-VELOCITY CURVE BETWEEN 4 AND 14 kpc FROM APOGEE DATA. Astrophysical Journal, 2012, 759, 131.	4.5	325
135	LITHIUM ABUNDANCES IN NEARBY FGK DWARF AND SUBGIANT STARS: INTERNAL DESTRUCTION, GALACTIC CHEMICAL EVOLUTION, AND EXOPLANETS. Astrophysical Journal, 2012, 756, 46.	4.5	161
136	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
137	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
138	THE APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT: FIRST DETECTION OF HIGH-VELOCITY MILKY WAY BAR STARS. Astrophysical Journal Letters, 2012, 755, L25.	8.3	56
139	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
140	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
141	FUNDAMENTAL PARAMETERS AND CHEMICAL COMPOSITION OF ARCTURUS. Astrophysical Journal, 2011, 743, 135.	4.5	159
142	Bridging model and observed stellar spectra. Monthly Notices of the Royal Astronomical Society, 2011, 411, 807-812.	4.4	2
143	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
144	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

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145	THE MILKY WAY TOMOGRAPHY WITH SDSS. III. STELLAR KINEMATICS. Astrophysical Journal, 2010, 716, 1-29.	4.5	185
146	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
147	SEGUE: A SPECTROSCOPIC SURVEY OF 240,000 STARS WITHg= 14-20. Astronomical Journal, 2009, 137, 4377-4399.	4.7	905
148	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. Astrophysical Journal, Supplement Series, 2009, 182, 543-558.	7.7	4,201
149	APOGEE: The Apache Point Observatory Galactic Evolution Experiment. Astronomische Nachrichten, 2008, 329, 1018-1021.	1.2	123
150	Revised Parameter Estimates For The Most Metalâ€Poor Candidates In SDSSâ€ And SEGUE. , 2008, , .		0
151	The Lithium-, r- and s-Enhanced Metal-Poor Giant HK-II 17435-00532. AIP Conference Proceedings, 2008, , .	0.4	0
152	THE SEGUE STELLAR PARAMETER PIPELINE. I. DESCRIPTION AND COMPARISON OF INDIVIDUAL METHODS. Astronomical Journal, 2008, 136, 2022-2049.	4.7	417
153	THE SEGUE STELLAR PARAMETER PIPELINE. II. VALIDATION WITH GALACTIC GLOBULAR AND OPEN CLUSTERS. Astronomical Journal, 2008, 136, 2050-2069.	4.7	259
154	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
155	Centerâ€toâ€Limb Variation of Solar Threeâ€dimensional Hydrodynamical Simulations. Astrophysical Journal, 2008, 680, 764-773.	4.5	92
156	Solar chemical peculiarities?. , 2008, , 30-35.		5
157	The Lowest Mass White Dwarf. Astrophysical Journal, 2007, 660, 1451-1461.	4.5	71
158	Oxygen abundances in nearby stars. Astronomy and Astrophysics, 2007, 465, 271-289.	5.1	164
159	The Initialâ€“Final Mass Relationship of White Dwarfs in Common Proper Motion Pairs and Open Clusters. Proceedings of the International Astronomical Union, 2006, 2, 380-382.	0.0	0
160	A Spectroscopic Study of the Ancient Milky Way: Fâ€•and Gâ€Type Stars in the Third Data Release of the Sloan Digital Sky Survey. Astrophysical Journal, 2006, 636, 804-820.	4.5	314
161	First Results from ROTES: The ROtse Telescope Eclipsing-binary Survey. Astrophysics and Space Science, 2006, 304, 231-233.	1.4	0
162	Variability of the mesospheric nightglow sodium D2/D1ratio. Journal of Geophysical Research, 2005, 110, .	3.3	31

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163	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
164	S$mathsf{^4}$N: A spectroscopic survey of stars in the solar neighborhood. Astronomy and Astrophysics, 2004, 420, 183-205.	5.1	288
165	Center-to-limb variation of solar line profiles as a test of NLTE line formation calculations. Astronomy and Astrophysics, 2004, 423, 1109-1117.	5.1	83
166	Automated analysis of stellar spectra. Astronomische Nachrichten, 2004, 325, 604-609.	1.2	27
167	Line formation in solar granulation. Astronomy and Astrophysics, 2004, 417, 751-768.	5.1	653
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