D AnÃ-bal GarcÃ-a-HernÃ¡ndez

List of Publications by Year
in descending order

279 papers	22,637 citations	18482 62 h-index	9103 144 g-index
282 all docs	282 docs citations	282 times ranked	13788 citing authors

#	Article	IF	Citations
1	First models of the s process in AGB stars of solar metallicity for the stellar evolutionary code ATON with a novel stable explicit numerical solver. Astronomy and Astrophysics, 2022, 657, A28.	5.1	3
2	Exploring the S-process History in the Galactic Disk: Cerium Abundances and Gradients in Open Clusters from the OCCAM/APOGEE Sample. Astrophysical Journal, 2022, 926, 154.	4.5	16
3	The Influence of 10 Unique Chemical Elements in Shaping the Distribution of Kepler Planets. Astronomical Journal, 2022, 163, 128.	4.7	6
4	Quantifying radial migration in the Milky Way: inefficient over short time-scales but essential to the very outer disc beyond â^¼15Âkpc. Monthly Notices of the Royal Astronomical Society, 2022, 511, 5639-5655.	4.4	16
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	Is TerzanÂ5 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
8	APOGEE detection of N-rich stars in the tidal tails of Palomar 5. Monthly Notices of the Royal Astronomical Society, 2022, 510, 3727-3733.	4.4	5
9	The Open Cluster Chemical Abundances and Mapping Survey. VII. APOGEE DR17 [C/N]â€“Age Calibration. Astronomical Journal, 2022, 163, 229.	4.7	8
10	Carbon Abundances in Compact Galactic Planetary Nebulae: An Ultraviolet Spectroscopic Study with the Space Telescope Imaging Spectrograph (STIS). Astrophysical Journal, 2022, 929, 148.	4.5	1
11	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
12	Hydrogenation of [Li@C₆₀]PF₆: A comparison with fulleranes derived from C₆₀. Fullerenes Nanotubes and Carbon Nanostructures, 2022, 30, 1245-1251.	2.1	2
13	An Intermediate-age Alpha-rich Galactic Population in K2. Astronomical Journal, 2021, 161, 100.	4.7	8
14	An enquiry on the origins of N-rich stars in the inner Galaxy based on APOGEE chemical compositions. Monthly Notices of the Royal Astronomical Society, 2021, 504, 1657-1667.	4.4	9
15	Probing 3D and NLTE models using APOGEE observations of globular cluster stars. Astronomy and Astrophysics, 2021, 647, A24.	5.1	5
16	The Similarity of Abundance Ratio Trends and Nucleosynthetic Patterns in the Milky Way Disk and Bulge. Astrophysical Journal, 2021, 909, 77.	4.5	36
17	The APOGEE Library of Infrared SSP Templates (A-LIST): High-resolution Simple Stellar Population Spectral Models in the H Band. Astronomical Journal, 2021, 161, 167.	4.7	7
18	Carbon dust in the evolved born-again planetary nebulae Aâ€‰30 and Aâ€‰78. Monthly Notices of the Royal Astronomical Society, 2021, 503, 1543-1556.	4.4	12

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19	Orbital Torus Imaging: Using Element Abundances to Map Orbits and Mass in the Milky Way. Astrophysical Journal, 2021, 910, 17.	4.5	13
20	APOGEE view of the globular cluster NGCÂ6544. Monthly Notices of the Royal Astronomical Society, 2021, 504, 3494-3508.	4.4	7
21	Homogeneous analysis of globular clusters from the APOGEE survey with the BACCHUS code â€“ III. Ï‰Âcen. Monthly Notices of the Royal Astronomical Society, 2021, 505, 1645-1660.	4.4	15
22	Chemodynamically Characterizing the Jhelum Stellar Stream with APOGEE-2. Astrophysical Journal, 2021, 913, 39.	4.5	3
23	The APOGEE Data Release 16 Spectral Line List. Astronomical Journal, 2021, 161, 254.	4.7	72
24	Vinylacetylene synthesis with a low power submerged carbon arc in n-hexane. Fullerenes Nanotubes and Carbon Nanostructures, 2021, 29, 956-965.	2.1	3
25	Testing the Limits of Precise Subgiant Characterization with APOGEE and Gaia: Opening a Window to Unprecedented Astrophysical Studies. Astrophysical Journal, 2021, 915, 19.	4.5	12
26	CAPOS: The bulge Cluster APOgee Survey. Astronomy and Astrophysics, 2021, 652, A157.	5.1	16
27	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
28	Are extreme asymptotic giant branch stars post-common envelope binaries?. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 502, L35-L39.	3.3	6
29	Double-lined Spectroscopic Binaries in the APOGEE DR16 and DR17 Data. Astronomical Journal, 2021, 162, 184.	4.7	40
30	The Milky Way bar and bulge revealed by APOGEE and Gaia EDR3. Astronomy and Astrophysics, 2021, 656, A156.	5.1	50
31	APOGEE Chemical Abundance Patterns of the Massive Milky Way Satellites. Astrophysical Journal, 2021, 923, 172.	4.5	64
32	How many components? Quantifying the complexity of the metallicity distribution in the Milky Way bulge with APOGEE. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1037-1057.	4.4	44
33	The ageâ€“chemical abundance structure of the Galactic disc â€“ II. Î±-dichotomy and thick disc formation. Monthly Notices of the Royal Astronomical Society, 2020, 497, 2371-2384.	4.4	39
34	Metallicity and Î±-Element Abundance Gradients along the Sagittarius Stream as Seen by APOGEE. Astrophysical Journal, 2020, 889, 63.	4.5	51
35	The contribution of N-rich stars to the Galactic stellar halo using APOGEE red giants. Monthly Notices of the Royal Astronomical Society, 2020, 500, 5462-5478.	4.4	25
36	Strong chemical tagging with APOGEE: 21 candidate star clusters that have dissolved across the Milky Way disc. Monthly Notices of the Royal Astronomical Society, 2020, 496, 5101-5115.	4.4	25

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37	Phosphorus-rich stars with unusual abundances are challenging theoretical predictions. Nature Communications, 2020, 11, 3759.	12.8	23
38	The Milky Wayâ€™s bulge star formation history as constrained from its bimodal chemical abundance distribution. Monthly Notices of the Royal Astronomical Society, 2020, 497, 3557-3570.	4.4	18
39	Petroleum, coal and other organics in space. Astrophysics and Space Science, 2020, 365, 1.	1.4	10
40	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
41	Spectral Classification of B Stars: The Empirical Sequence Using SDSS-IV/APOGEE Near-IR Data. Astrophysical Journal, 2020, 894, 5.	4.5	9
42	The Lazy Giants: APOGEE Abundances Reveal Low Star Formation Efficiencies in the Magellanic Clouds. Astrophysical Journal, 2020, 895, 88.	4.5	77
43	The SDSS/APOGEE catalogue of HgMn stars. Monthly Notices of the Royal Astronomical Society, 2020, 496, 832-850.	4.4	13
44	Detection of CH⁺, CH and H₂ Molecules in the Young Planetary Nebula IC 4997. Publications of the Astronomical Society of the Pacific, 2020, 132, 074201.	3.1	4
45	Characterization of M-stars in the LMC in the JWST era. Monthly Notices of the Royal Astronomical Society, 2020, 493, 2996-3013.	4.4	8
46	Stellar Characterization of M Dwarfs from the APOGEE Survey: A Calibrator Sample for M-dwarf Metallicities. Astrophysical Journal, 2020, 890, 133.	4.5	26
47	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
48	The ageâ€“chemical abundance structure of the Galaxy I: evidence for a late-accretion event in the outer disc at z âˆ¼ 0.6. Monthly Notices of the Royal Astronomical Society, 2020, 494, 2561-2575.	4.4	30
49	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
50	A theoretical investigation of the possible detection of C24 in space. Fullerenes Nanotubes and Carbon Nanostructures, 2020, 28, 637-641.	2.1	6
51	[Li@C60]PF6: Infrared spectra from 90K to 523K; Determination of the molar extinction coefficients and integrated molar absorptivity. Fullerenes Nanotubes and Carbon Nanostructures, 2020, 28, 474-479.	2.1	3
52	The chemical compositions of accreted and inÂsitu galactic globular clusters according to SDSS/APOGEE. Monthly Notices of the Royal Astronomical Society, 2020, 493, 3363-3378.	4.4	55
53	Homogeneous analysis of globular clusters from the APOGEE survey with the BACCHUS code â€“ II. The Southern clusters and overview. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1641-1670.	4.4	103
54	Cool stars in the Galactic center as seen by APOGEE. Astronomy and Astrophysics, 2020, 642, A81.	5.1	15

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55	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
56	Exploring the Stellar Age Distribution of the Milky Way Bulge Using APOGEE. Astrophysical Journal, 2020, 901, 109.	4.5	28
57	Open Cluster Chemical Homogeneity throughout the Milky Way. Astrophysical Journal, 2020, 903, 55.	4.5	15
58	Exploring the Galactic Warp through Asymmetries in the Kinematics of the Galactic Disk. Astrophysical Journal, 2020, 905, 49.	4.5	30
59	Geometry of the Draco C1 Symbiotic Binary. Astrophysical Journal Letters, 2020, 900, L43.	8.3	7
60	Heavy-element Abundances in P-rich Stars: A New Site for the s-process?. Astrophysical Journal Letters, 2020, 904, L1.	8.3	10
61	Spatial variations in the Milky Way disc metallicityâ€“age relation. Monthly Notices of the Royal Astronomical Society, 2019, 489, 1742-1752.	4.4	55
62	H-band discovery of additional second-generation stars in the Galactic bulge globular cluster NGC 6522 as observed by APOGEE and Gaia. Astronomy and Astrophysics, 2019, 627, A178.	5.1	24
63	Do evolved stars in the LMC show dual dust chemistry?. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 488, L85-L89.	3.3	2
64	Life in the fast lane: a direct view of the dynamics, formation, and evolution of the Milky Wayâ€™s bar. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4740-4747.	4.4	129
65	AGB dust and gas ejecta in extremely metal-poor environments. Monthly Notices of the Royal Astronomical Society, 2019, 486, 4738-4752.	4.4	16
66	Far infrared spectroscopy and other spectral and thermal properties of [Li@C₆₀]PF₆. Fullerenes Nanotubes and Carbon Nanostructures, 2019, 27, 695-701.	2.1	6
67	The metal-rich halo tail extended in |z|: a characterization with Gaia DR2 and APOGEE. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1462-1479.	4.4	16
68	TOI-150: A Transiting Hot Jupiter in the TESS Southern CVZ*. Astrophysical Journal Letters, 2019, 877, L29.	8.3	12
69	Kepler-730: A Hot Jupiter System with a Close-in, Transiting, Earth-sized Planet. Astrophysical Journal Letters, 2019, 870, L17.	8.3	33
70	Discovery of Resolved Magnetically Split Lines in SDSS/APOGEE Spectra of 157 Ap/Bp Stars. Astrophysical Journal Letters, 2019, 873, L5.	8.3	19
71	Discovery of Stars Surrounded by Iron Dust in the Large Magellanic Cloud. Astrophysical Journal Letters, 2019, 871, L16.	8.3	11
72	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

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73	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
74	Constraining Metallicity-dependent Mixing and Extra Mixing Using [C/N] in Alpha-rich Field Giants. Astrophysical Journal, 2019, 872, 137.	4.5	44
75	Exploring circumstellar effects on the lithium and calcium abundances in massive Galactic O-rich AGB stars. Astronomy and Astrophysics, 2019, 623, A151.	5.1	3
76	APOGEE [C/N] Abundances across the Galaxy: Migration and Infall from Red Giant Ages. Astrophysical Journal, 2019, 871, 181.	4.5	25
77	Toluene pyrolysis in an electric ARC: Products analysis. Fullerenes Nanotubes and Carbon Nanostructures, 2019, 27, 469-477.	2.1	10
78	Identifying Sagittarius Stream Stars by Their APOGEE Chemical Abundance Signatures. Astrophysical Journal, 2019, 872, 58.	4.5	37
79	Massive Stars in the SDSS-IV/APOGEE-2 Survey. II. OB-stars in the W345 Complexes. Astrophysical Journal, 2019, 873, 66.	4.5	5
80	Chemical Cartography with APOGEE: Multi-element Abundance Ratios. Astrophysical Journal, 2019, 874, 102.	4.5	85
81	Reduction of the maximum mass-loss rate of OH/IR stars due to unnoticed binary interaction. Nature Astronomy, 2019, 3, 408-415.	10.1	24
82	Homogeneous analysis of globular clusters from the APOGEE survey with the BACCHUS code. Astronomy and Astrophysics, 2019, 622, A191.	5.1	63
83	Evolved stars in the Local Group galaxies â€“ III. AGB and RSG stars in Sextans A. Monthly Notices of the Royal Astronomical Society, 2019, 482, 4733-4743.	4.4	15
84	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
85	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
86	C/O ratios in planetary nebulae with dual-dust chemistry from faint optical recombination lines. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4476-4496.	4.4	15
87	GTC/CanariCam Mid-IR Imaging of the Fullerene-rich Planetary Nebula IC 418: Searching for the Spatial Distribution of Fullerene-like Molecules. Astronomical Journal, 2018, 155, 105.	4.7	7
88	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
89	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
90	Disentangling the Galactic Halo with APOGEE. I. Chemical and Kinematical Investigation of Distinct Metal-poor Populations. Astrophysical Journal, 2018, 852, 49.	4.5	123

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91	Massive Stars in the SDSS-IV/APOGEE SURVEY. I. OB Stars. Astrophysical Journal, 2018, 855, 68.	4.5	14
92	The Metal-poor non-Sagittarius (?) Globular Cluster NGC 5053: Orbit and Mg, Al, and Si Abundances. Astrophysical Journal, 2018, 855, 38.	4.5	24
93	The Double Dust Envelopes of R Coronae Borealis Stars. Astronomical Journal, 2018, 156, 148.	4.7	11
94	Forty-four New and Known M-dwarf Multiples in the SDSS-III/APOGEE M-dwarf Ancillary Science Sample. Astronomical Journal, 2018, 156, 45.	4.7	8
95	Binary Companions of Evolved Stars in APOGEE DR14: Search Method and Catalog of â¼5000 Companions. Astronomical Journal, 2018, 156, 18.	4.7	2,267
96	On the circumstellar effects on the Li and Ca abundances in massive Galactic O-rich AGB stars. Proceedings of the International Astronomical Union, 2018, 14, 489-490.	0.0	0
97	Raman, FT-IR spectroscopy and morphology of carbon dust from carbon arc in liquid benzene. Fullerenes Nanotubes and Carbon Nanostructures, 2018, 26, 654-660.	2.1	3
98	Comprehensive comparison between APOGEE and LAMOST. Astronomy and Astrophysics, 2018, 620, A76.	5.1	33
99	The Second APOKASC Catalog: The Empirical Approach. Astrophysical Journal, Supplement Series, 2018, 239, 32.	7.7	183
100	Phase-transfer catalysis in the oxidation of C₆₀and C₇₀fullerene with KMnO₄and crown ether. Fullerenes Nanotubes and Carbon Nanostructures, 2018, 26, 578-583.	2.1	4
101	The Open Cluster Chemical Abundances and Mapping Survey. II. Precision Cluster Abundances for APOGEE Using SDSS DR14. Astronomical Journal, 2018, 156, 142.	4.7	51
102	The APOGEE-2 Survey of the Orion Star-forming Complex. II. Six-dimensional Structure. Astronomical Journal, 2018, 156, 84.	4.7	216
103	FT-IR spectroscopy of carbonized acenes: a possible key for the UIBs/AIBs origins. Fullerenes Nanotubes and Carbon Nanostructures, 2018, 26, 820-826.	2.1	9
104	Modeling dust emission in PN IC 418. Astronomy and Astrophysics, 2018, 617, A85.	5.1	14
105	Age-resolved chemistry of red giants in the solar neighbourhood. Monthly Notices of the Royal Astronomical Society, 2018, 477, 2326-2348.	4.4	54
106	The Origin of the 300 km s^{â^'1} Stream near Segue 1. Astrophysical Journal, 2018, 866, 42.	4.5	10
107	Evolved stars in the Local Group galaxies â€“ II. AGB, RSG stars, and dust production in IC10. Monthly Notices of the Royal Astronomical Society, 2018, 479, 5035-5048.	4.4	16
108	Kepler-503b: An Object at the Hydrogen Burning Mass Limit Orbiting a Subgiant Star. Astrophysical Journal Letters, 2018, 861, L4.	8.3	17

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109	APOGEE Data Releases 13 and 14: Stellar Parameter and Abundance Comparisons with Independent Analyses. Astronomical Journal, 2018, 156, 126.	4.7	113
110	APOGEE Data Releases 13 and 14: Data and Analysis. Astronomical Journal, 2018, 156, 125.	4.7	220
111	Heavy-element yields and abundances of asymptotic giant branch models with a Small Magellanic Cloud metallicity. Monthly Notices of the Royal Astronomical Society, 2018, 477, 421-437.	4.4	70
112	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
113	A view of the H-band light-element chemical patterns in globular clusters under the AGB self-enrichment scenario. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3098-3116.	4.4	24
114	Disk-like Chemistry of the Triangulum-Andromeda Overdensity as Seen by APOGEE. Astrophysical Journal Letters, 2018, 859, L8.	8.3	24
115	A Chemical and Kinematical Analysis of the Intermediate-age Open Cluster IC 166 from APOGEE and Gaia DR2. Astronomical Journal, 2018, 156, 94.	4.7	8
116	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
117	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
118	A photometric study of globular clusters observed by the APOGEE survey. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1633-1645.	4.4	5
119	Stellar and Planetary Characterization of the Ross 128 Exoplanetary System from APOGEE Spectra. Astrophysical Journal Letters, 2018, 860, L15.	8.3	21
120	Charge-transfer interaction between C₆₀ fullerene and alkylnaphthalenes. Fullerenes Nanotubes and Carbon Nanostructures, 2017, 25, 223-229.	2.1	9
121	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
122	Galactic archaeology with asteroseismology and spectroscopy: Red giants observed by CoRoT and APOGEE. Astronomy and Astrophysics, 2017, 597, A30.	5.1	84
123	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
124	C70 Fullerene charge-transfer interaction with alkylnaphthalenes, pinenes, and a diene. Fullerenes Nanotubes and Carbon Nanostructures, 2017, 25, 505-511.	2.1	5
125	Target Selection for the SDSS-IV APOGEE-2 Survey. Astronomical Journal, 2017, 154, 198.	4.7	200
126	APOGEE Chemical Abundances of the Sagittarius Dwarf Galaxy. Astrophysical Journal, 2017, 845, 162.	4.5	68

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127	Atypical Mg-poor Milky Way Field Stars with Globular Cluster Second-generation-like Chemical Patterns. Astrophysical Journal Letters, 2017, 846, L2.	8.3	66
128	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
129	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
130	Submerged carbon arc in liquid benzene: GC-MS analysis of the products. Fullerenes Nanotubes and Carbon Nanostructures, 2017, 25, 576-584.	2.1	6
131	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
132	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. Astronomical Journal, 2017, 154, 28.	4.7	1,100
133	Two groups of red giants with distinct chemical abundances in the bulge globular cluster NGC 6553 through the eyes of APOGEE. Monthly Notices of the Royal Astronomical Society, 2017, 465, 19-31.	4.4	39
134	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
135	Asymptotic giant branch and super-asymptotic giant branch stars: modelling dust production at solar metallicity. Monthly Notices of the Royal Astronomical Society, 2017, 467, 4431-4440.	4.4	38
136	The Apache Point Observatory Galactic Evolution Experiment (APOGEE). Astronomical Journal, 2017, 154, 94.	4.7	1,065
137	The First APOKASC Catalog of Kepler Dwarf and Subgiant Stars. Astrophysical Journal, Supplement Series, 2017, 233, 23.	7.7	121
138	The evolution of Galactic planetary nebula progenitors through the comparison of their nebular abundances with AGB yields. Monthly Notices of the Royal Astronomical Society, 2017, 471, 4648-4661.	4.4	19
139	Rubidium and zirconium abundances in massive Galactic asymptotic giant branch stars revisited. Astronomy and Astrophysics, 2017, 606, A20.	5.1	17
140	Red giants observed by CoRoT and APOGEE: The evolution of the Milky Wayâ€™s radial metallicity gradient. Astronomy and Astrophysics, 2017, 600, A70.	5.1	102
141	INFRARED HIGH-RESOLUTION INTEGRATED LIGHT SPECTRAL ANALYSES OF M31 GLOBULAR CLUSTERS FROM APOGEE. Astrophysical Journal, 2016, 829, 116.	4.5	29
142	Evolved stars in the Local Group galaxies â€“ I. AGB evolution and dust production in IC 1613. Monthly Notices of the Royal Astronomical Society, 2016, 460, 4230-4241.	4.4	22
143	Rb and Zr abundances in massive Galactic AGB stars revisited. Journal of Physics: Conference Series, 2016, 728, 072003.	0.4	0
144	S-process nucleosynthesis in AGB stars with the full spectrum of turbulence scheme for convection.. Journal of Physics: Conference Series, 2016, 728, 072004.	0.4	0

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145	On the formation of molecules and solid-state compounds from the AGB to the PN phases. Journal of Physics: Conference Series, 2016, 728, 032009.	0.4	0
146	Transitory O-rich chemistry in heavily obscured C-rich post-AGB stars. Journal of Physics: Conference Series, 2016, 728, 052003.	0.4	6
147	A search for hydrogenated fullerenes in fullerene-containing planetary nebulae. Journal of Physics: Conference Series, 2016, 728, 052005.	0.4	1
148	IDENTIFICATION OF NEODYMIUM IN THE APOGEE H-BAND SPECTRA. Astrophysical Journal, 2016, 833, 81.	4.5	51
149	A search for hydrogenated fullerenes in fullerene-containing planetary nebulae. Astronomy and Astrophysics, 2016, 589, A5.	5.1	17
150	DISCOVERY OF A METAL-POOR FIELD GIANT WITH A GLOBULAR CLUSTER SECOND-GENERATION ABUNDANCE PATTERN. Astrophysical Journal, 2016, 833, 132.	4.5	53
151	Laboratory study of carbonaceous dust and molecules of astrochemical interest. Journal of Physics: Conference Series, 2016, 728, 062002.	0.4	8
152	ASPCAP: THE APOGEE STELLAR PARAMETER AND CHEMICAL ABUNDANCES PIPELINE. Astronomical Journal, 2016, 151, 144.	4.7	497
153	Red giant masses and ages derived from carbon and nitrogen abundances. Monthly Notices of the Royal Astronomical Society, 2016, 456, 3655-3670.	4.4	183
154	CHEMICAL ABUNDANCES IN A SAMPLE OF RED GIANTS IN THE OPEN CLUSTER NGC 2420 FROM APOGEE. Astrophysical Journal, 2016, 830, 35.	4.5	27
155	Studying the evolution of AGB stars in theGaiaepoch. Monthly Notices of the Royal Astronomical Society, 2016, 462, 395-413.	4.4	28
156	Acenes adducts with C₇₀fullerene: Anthracene, tetracene and pentacene. Fullerenes Nanotubes and Carbon Nanostructures, 2016, 24, 679-687.	2.1	9
157	CHEMICAL TAGGING IN THE SDSS-III/APOGEE SURVEY: NEW IDENTIFICATIONS OF HALO STARS WITH GLOBULAR CLUSTER ORIGINS. Astrophysical Journal, 2016, 825, 146.	4.5	71
158	Galactic planetary nebulae with precise nebular abundances as a tool to understand the evolution of asymptotic giant branch stars. Monthly Notices of the Royal Astronomical Society, 2016, 461, 542-551.	4.4	13
159	EVIDENCE OF AGB POLLUTION IN GALACTIC GLOBULAR CLUSTERS FROM THE Mgâ€“Al ANTICORRELATIONS OBSERVED BY THE APOGEE SURVEY. Astrophysical Journal Letters, 2016, 831, L17.	8.3	38
160	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
161	Understanding Galactic planetary nebulae with precise/reliable nebular abundances. Proceedings of the International Astronomical Union, 2016, 12, 95-98.	0.0	0
162	GTC/CanariCam mid-IR imaging of the fullerene-rich planetary nebula IC 418. Proceedings of the International Astronomical Union, 2016, 12, 150-154.	0.0	0

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163	Planetary nebulae in the Small Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2016, 460, 3940-3949.	4.4	15
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