

Baitian Tang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Homogeneous analysis of globular clusters from the APOGEE survey with the BACCHUS code – II. The Southern clusters and overview. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1641-1670.	4.4	103
3	APOGEE chemical abundances of globular cluster giants in the inner Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 1010-1018.	4.4	71
4	APOGEE Chemical Abundances of the Sagittarius Dwarf Galaxy. <i>Astrophysical Journal</i> , 2017, 845, 162.	4.5	68
5	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
6	Two groups of red giants with distinct chemical abundances in the bulge globular cluster NGC 6553 through the eyes of APOGEE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 19-31.	4.4	39
7	EVIDENCE OF AGB POLLUTION IN GALACTIC GLOBULAR CLUSTERS FROM THE Mg-Al ANTICORRELATIONS OBSERVED BY THE APOGEE SURVEY. <i>Astrophysical Journal Letters</i> , 2016, 831, L17.	8.3	38
8	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
9	Aluminium-enriched metal-poor stars buried in the inner Galaxy. <i>Astronomy and Astrophysics</i> , 2020, 643, L4.	5.1	30
10	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
11	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
12	Chemical and Kinematic Analysis of CN-strong Metal-poor Field Stars in LAMOST DR3. <i>Astrophysical Journal</i> , 2019, 871, 58.	4.5	23
13	Timing the Evolution of the Galactic Disk with NGC 6791: An Open Cluster with Peculiar High- α Chemistry as Seen by APOGEE. <i>Astrophysical Journal</i> , 2017, 842, 49.	4.5	22
14	The enigmatic globular cluster UKS 1 obscured by the bulge: H -band discovery of nitrogen-enhanced stars. <i>Astronomy and Astrophysics</i> , 2020, 643, A145.	5.1	22
15	APOGEE discovery of a chemically atypical star disrupted from NGC 6723 and captured by the Milky Way bulge. <i>Astronomy and Astrophysics</i> , 2021, 647, A64.	5.1	20
16	Discovery of a nitrogen-enhanced mildly metal-poor binary system: Possible evidence for pollution from an extinct AGB star. <i>Astronomy and Astrophysics</i> , 2019, 631, A97.	5.1	18
17	On the Chemical and Kinematic Consistency between N-rich Metal-poor Field Stars and Enriched Populations in Globular Clusters. <i>Astrophysical Journal</i> , 2020, 891, 28.	4.5	14
18	When Does the Onset of Multiple Stellar Populations in Star Clusters Occur? III. No Evidence of Significant Chemical Variations in Main-sequence Stars of NGC 419. <i>Astrophysical Journal</i> , 2020, 893, 17.	4.5	14

#	ARTICLE	IF	CITATIONS
19	Central velocity dispersion catalogue of LAMOST-DR7 galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 498, 5704-5719.	4.4	10
20	Multiple Stellar Populations at Less-evolved Stages: Detection of Chemical Variations among Main-sequence Dwarfs in NGC 1978. Astrophysical Journal, 2021, 906, 133.	4.5	9
21	APOGEE-2S Discovery of Light- and Heavy-element Abundance Correlations in the Bulge Globular Cluster NGC 6380. Astrophysical Journal Letters, 2021, 918, L9.	8.3	9
22	Chemical Abundances and Ages of the Bulge Stars in APOGEE High-velocity Peaks. Astrophysical Journal, 2017, 847, 74.	4.5	7
23	Multiple Populations in Low-mass Globular Clusters: Palomar 13. Astrophysical Journal, 2021, 908, 220.	4.5	4
24	Chemical Tagging N-rich Field Stars with High-resolution Spectroscopy. Astrophysical Journal, 2021, 913, 23.	4.5	3
25	Individual element sensitivity for stellar evolutionary isochrones. Monthly Notices of the Royal Astronomical Society, 2022, 511, 3198-3207.	4.4	3
26	Searching Extra-tidal Features around the Globular Cluster Whiting 1. Astrophysical Journal, 2022, 930, 23.	4.5	1